

BSSB:

An interim account of excavations in a 1x1m test trench in the northern part of Khavareh IV

or

This is B.S.!

It was decided to put a 1x1m trench into an area that had not been previously investigated, to the north of other trenches. Initially BSSB was going to be one of two 1x1m trenches in the area, the other being BT57, however, when pace slowed the latter area was halted, intent was to dig quickly but a series of features ~~strat~~ and difficult to excavate (i.e. compact) sediment resulted in a slower pace to the excavation. For the most part excavations to date have been through what appears to be a fill deposits that are characterized by randomly oriented artifacts and mottled colour and texture. After removing an initial disturbed layer (000/001) and a loose silty layer (002) I encountered an area of burning (004) that was followed by more loose sediment. While I refer to this as a "hearth" it is not an extensive or formal one, ~~making~~ ~~probab~~ After the loose sediment ended, a sediment texture became compact and remained so for some time. This compact sediment was interrupted by another burning feature composed of three distinctive parts: a pink layer, a black layer, and a layer of ~~burnt~~ ~~sed~~ slightly reddened sediment that was probably the ~~the~~ locus upon which the hearth was constructed and reddened from the heat of the fire.

Under the hearth (007,008,010) was more compact sediment that was interrupted on the east part by a patch of looser sediment. This may have been some kind of scoop or shallow feature (011) although there was some rodent activity in the area so this may account for the feature. Under this was more compact mottled sediment; (012/015) followed by a surface that was dense with bone (mostly or all animal). Due to the pace of excavation and the unexpectedness of the feature, in the NW where it was first encountered, most of the bone was taken up with some of the compact material above the feature. This was given its own locus number (013). Apart from the concentration of bone derived from the surface, 013 is much like 012/015. The surface was a distinctive yellow colour, but only about 1cm thick so didn't take well to repeated cleaning, which was needed in the windy environs of Khazneh III.

To be concluded...

This is B.S.!' The conclusion.

The next part of our story starts out poorly but gets better towards the end.

After excavating the "yellow" surface (014) I started digging under it as 016 across the entire unit.

However, it seems like 014 might have dipped down in the east, meaning 016 is both above and below 014, and that isn't good for my Harris matrix.

It may be best to think of

016, ~~018, 021~~, 017, 023, 019, 020, 022, 024, 026 as a single mottled layer, with bands of yellow sediment in various places.

~~Under these layers~~ Under layer 016 (or thereabouts)

there was a pit in the SE corner (018/021). Its fill, however, was not dissimilar from the matrix above it. Perhaps it should be thought of as some depression or scoop that was later filled in.

Under the layers (016, 017, 023 ... etc.) there were a series of strata characterized by various amounts of burning (27-29). Under these was sterile layer sediment. I excavated through about 60 cm of this sterile deposit and didn't encounter further cultural material.

cont'd.

The most interesting thing, arguably, in the 1x1m unit were the layers 27-29, which were characterized by various amounts of burning. Perhaps a series of super-imposed hearths, ~~but there was no clear distinction~~ ~~in the stratigraphy, so a point from small patches~~ of. From these ~~strata~~ strata a series of post-holes were dug into the sterile deposits. Because of the limited horizontal exposure (only 1x1m) no spatial patterning could be discerned.

~~However,~~ Interestingly, into one of the "posts" a natural flint nodule of a rod like ~~shape~~ had been positioned in a shape

vertical orientation. Upon cleaning it I discovered that this ~~was~~ had evidence for red ochre (?) staining and a series of scratched lines. These, the odd shape of the nodule and ~~the~~ its strange, vertical orientation suggest it may be a "symbolic" deposit. However, no pottery was discovered.



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B558

Kharaneh IV

Bags from Area

~~W11101~~

Bag No.	Locus	Date	Page	Bag No.	Locus	Date	Page
1	000/001	1/6/10		41	<del>027</del> <sup>029</sup>	27/6/10	
*2	002	2/6/10		42	<del>028</del> <sup>030</sup>	27/6/10	
3	003	13/6/10		43	000	27/6/10	
4	004	13/6/10		44	031	28/6/10	
5	005	13/6/10		45	032	28/6/10	
6	005	14/6/10		46	031	28/6/10	
7	005	14/6/10		47	033	30/6/10	
8	006	14/6/10		48	034	30/6/10	
9	006	15/6/10		49	035	3/7/10	
10	006	16/6/10		50	036	3/7/10	
11	006	17/6/10		51	037	3/7/10	
12	007	19/6/10					
13	008	19/6/10					
14	009	19/6/10					
15	010	20/6/10					
16	009	20/6/10					
17	009	20/6/10					
18	011	21/6/10					
19	012	21/6/10					
20	011	21/6/10					
21	012	21/6/10					
22	013	21/6/10					
23	015	22/6/10					
24	013	22/6/10					
25	014	22/6/10					
26	016	23/6/10					
27	018	23/6/10					
28	017	23/6/10					
29	017	24/6/10					
30	019	24/6/10					
31	020	24/6/10					
32	021	24/6/10					
33	023	26/6/10					
34	022	26/6/10					
35	026	26/6/10					
36	024	26/6/10					
37	025	26/6/10					
38	025	27/6/10					
39	027	27/6/10					
40	028	27/6/10					

\* note: no sediment dug for 002

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Kharaneh IV

List of Loci from Area

3558

Locus No.	Description	Boundaries in Map No.	Levels		Appears in Section			
			Top	Bottom	N	E	S	W
000/001	Yellowish-brown disturbed				✓	✓	✓	✓
002	skipped # interface between	000/001	and	003				
003	Mottled silty layer				✓	✓	✓	✓
004	Burned layer (hearth?)					✓		✓
005	Mottled silty layer				✓	✓	✓	✓
006	Compact gray-brown				✓	✓	✓	✓
007	Very compact pink				✓			✓
008	Black burned (hearth)				✓			✓
009	Compact grayish brown				✓	✓	✓	✓
010	Compact brown (fired)				✓			✓
011	loose scoop (rodent burrow?)				✓	✓	✓	
012	Compact mottled							
013	Compact mottled w. bones							
014	thin yellowish surface							
015	compact mottled							
016								
017	yellow sediment							
018	possible pit or scoop							
019	mottled							
020								
021	yellow sediment in scoop							
022	grayish-brown							
023	yellow sediment							
024	circular depression w. yellow							
025	grayish sediment							
026	circular depression w. yellow							
027	burned area							
028	grayish w. burned patches							
029	black "surface"							
030	transition to sterile(?)							
031	white sterile layer							
032	post mould							
033	thin gray stain							
034	white sterile layer							
035	post mould							
036	post mould							
037	post mould							

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Kharaneh IV Area BSSB

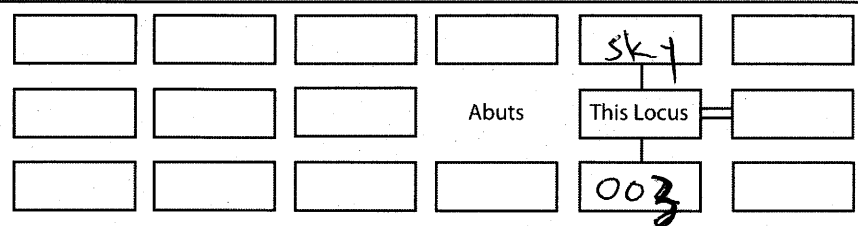
Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">000/001</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">1</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
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**Short Description**

Compact orange sandy silt.

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 1 drawn on 1 / 6 / 10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	640. <del>440</del> 441	640.348
NE	640.450	640.365
Centre	640.445	640.359
SE	640.445	640.356
SW	640.411	640.333
A		
B		
C		
D		
E		
F		

**Volume**

1 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  
  Frequent (every trowel/brush)  
  Average (every 2nd trowel/brush)  
  Rare (every ~5 trowel/brush)  
  Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other ballistics

Colour

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Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose	<input type="checkbox"/> Compact	<input type="checkbox"/> Hard			

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Compact orange sandy silt, same as <sup>top locus</sup> elsewhere on site I believe. Recently disturbed.

### Interpretation (based on your bag sheet descriptions)

Disturbed top locus.

Kharaneh IV

Checked by  Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Cont'd

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Kharaneh IV Area BSS8

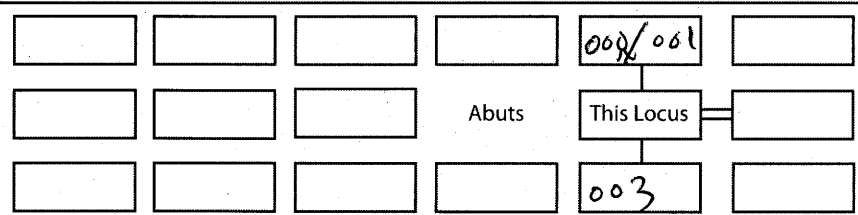
Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">002</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">2</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
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**Short Description**

No sediment dug. 000/001 overlays 003 directly.

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 2 drawn on 2/6 /10

Datum ID KHB M2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	640.348	640.348
NE	640.365	640.365
Centre	640.359	640.359
SE	640.356	640.356
SW	640.333	640.333
A		
B		
C		
D		
E		
F		

**Volume**

0 litres =   m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

N/A     Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

N/A

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:

Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

N/A

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

N/A

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Locus 002 is basically a skipped number. For clarity it was retained as a place-holder between 000/001 and 003.

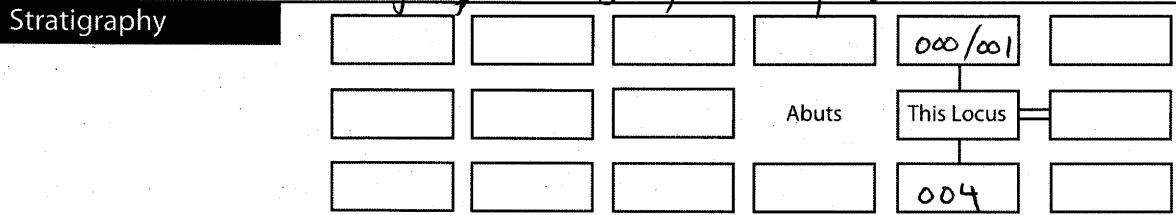
**Interpretation (based on your bag sheet descriptions)**

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Kharaneh IV Area BSS8 Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">003</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">3</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
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**Short Description** Grayish brown loose silty sediment  
mottled with orange + dark gray silty sediment



**Levels** These readings are shown on map no. (s) 3 drawn on 13 / 6 / 10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	640.360	640.241
NE	640.374	640.259
Centre	640.358	640.225
SE	640.369	640.267
SW	640.338	640.249
A		
B		
C		
D		
E		
F		

**Volume** 105 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour 10YR 5 3

Sorting                    0      1      2      3      4      5

Roundness                1      2      3      4      5      6

Density (%)                5    10    20    30    40    50

Compaction                 Loose     Compact     Hard

Texture:     Sand     Silt     Clay     Loam     Sandy Clay     Silty Clay     Silty Sand

**Artifact Association**

Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:     Sharp/Clear     Diffuse     Unclear     N/A

Boundary to locus below is:     Sharp/Clear     Diffuse     Unclear     N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Loose silty sediment, mottled in colour, Bone preservation is poor.

**Interpretation (based on your bag sheet descriptions)**

Fill, or  
 Mixed up locus (the ~~same~~) ~~is~~ a ~~series~~ series of indistinguishable brief <sup>deposition</sup> events that gives the appearance of a ~~rough~~ fill.

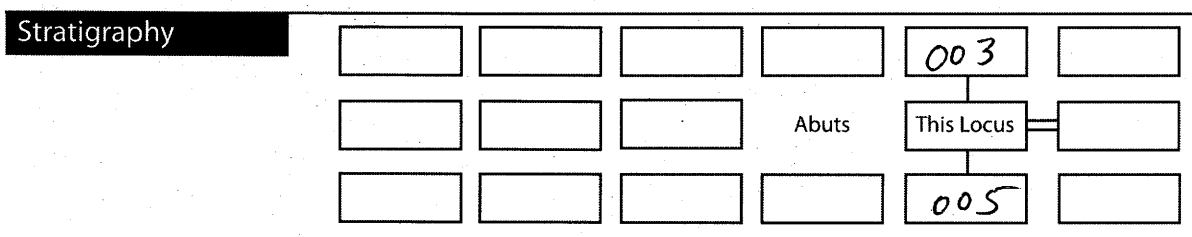


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Kharaneh IV Area B558 Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">004</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;"><del>004</del> 4</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
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**Short Description** Possible hearth or burning event.



**Levels** These readings are shown on map no. (s) 4 drawn on 13 / 6 / 10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels Metres A.S.L.	Bottom Levels Metres A.S.L.
Map Ref		
NW		
NE		
Centre		
SE		
SW		
A	640.218	640.187
B		
C		
D		
E		
F		

**Volume** ~ 5 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

Inclusions/Disturbances:

- Ash
- Carbonates
- Burrows (snake/insect)
- Roots
- Modern Artifacts
- Other \_\_\_\_\_

Colour

*mottled*

5YR	5	6
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to 7.5 YR 3/1 to 7.5 YR 5/2

Sorting

0	1	2	3	(4)	5
---	---	---	---	-----	---

Roundness

1	2	3	4	(5)	6
---	---	---	---	-----	---

Density (%)

(5)	10	20	30	40	50
-----	----	----	----	----	----

Compaction

Loose     Compact     Hard

Texture:

- Sand   
 Silt   
 Clay   
 Loam   
 Sandy Clay   
 Silty Clay   
 Silty Sand

**Artifact Association**

- Undisturbed since deposition (in situ)   
 Recently Disturbed   
 Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:   
 Sharp/Clear   
 Diffuse   
 Unclear   
 N/A

Boundary to locus below is:   
 Sharp/Clear   
 Diffuse   
 Unclear   
 N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

A possible hearth or, perhaps more likely, a burning event within a greater ~~strata~~ strata of multiple deposition events (i.e. locus 1003 <sup>and</sup> 1005). Northern margin was quite sharp but the rest was diffuse. Northern part was reddish (burned looking), the rest was black to gray. All loose silty sediment. Same kind of artifacts as

**Interpretation (based on your bag sheet descriptions)**

1003 and 1004 (i.e. lithics and poorly preserved bone)

~~As possible~~

Distinct from 1003 and 1005 due to its burned-looking nature. Either a single burning event (hearth) ~~over~~ built atop a fill layer and sealed by another fill layer, or, perhaps more likely, a single event within a series of deposition events that would comprise 1003, 1004 and 1005. Due to its colour it looked more distinct than other events.

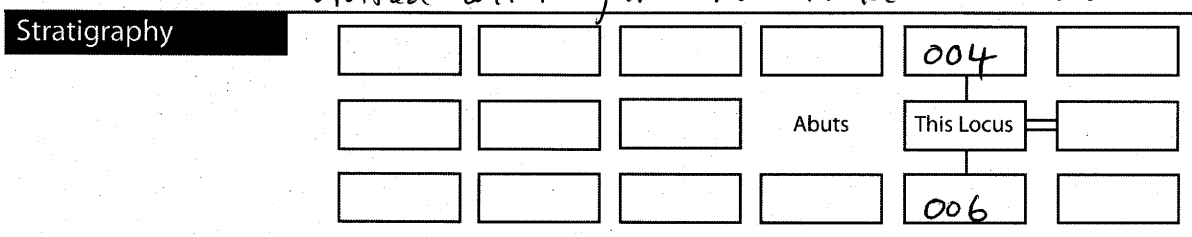
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Kharaneh IV Area BS 58

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">005</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">5, 6, 7</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
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**Short Description** Grayish brown loose, silty sediment mottled with lighter and darker colours.



**Levels** These readings are shown on map no. (s) 5-7 drawn on 13-14/6/10

Datum ID KH8M2 Datum Elevation (DE) 640.169 m ASL

	Top Levels Metres A.S.L.	Bottom Levels Metres A.S.L.
NW	640.241	640.127
NE	640.259	640.132
Centre	640.225	640.126
SE	640.267	640.127
SW	640.249	640.147
A		
B		
C		
D		
E		
F		

**Volume** 76 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

### Soil Properties

Inclusions/Disturbances:

- Ash
- Carbonates
- Burrows (snake/insect)
- Roots
- Modern Artifacts
- Other \_\_\_\_\_

Colour: 10YR 5 3

Sorting: 0 1 2 3 4 5

Roundness: 1 2 3 4 5 6

Density (%): 5 10 20 30 40 50

Compaction:  Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Mottled, loose silty sediment, predominantly gray brown.  
Overlying locus 1004 is ~~not~~ not entirely distinct.

### Interpretation (based on your bag sheet descriptions)

Loci 1003, 1004 and 1005 can be considered one ~~F~~ stratum. 1003 and 1005 are separated by a somewhat distinct burning feature (1004), but in general the 1003-1005 is not homogeneous and may relate to a series of small ~~steps~~ discrete depositional events.

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Kharaneh IV Area BS58 Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">006</div>	Includes Bags <div style="border: 1px solid black; padding: 5px;">8, 9, 10, 11</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
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**Short Description** very compact ~~grey~~ brown sandy loam  
(flecked w. charcoal)

**Stratigraphy**

				005	
			Abuts	This Locus	
				007	

**Levels** These readings are shown on map no. (s) B + 11 drawn on 14-17 / 6 / 10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	640.127	639.963
NE	640.132	639.910
Centre	640.126	639.831
SE	640.127	639.898
SW	640.147	639.884
A		
B		
C		
D		
E		
F		

**Volume** 330 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowel/brush)   
  Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

*rodent*

Colour

10YR 5/3

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

4-5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Most noticeable characteristic of this locus is ~~that~~ that it is very hard. Bone preservation is poor. Some rodent disturbance. Sediment comes up as clods (fist-sized or smaller) that have flecks of charcoal and small bits of bone.

### Interpretation (based on your bag sheet descriptions)

This is some kind of fill deposit or a series of brief ~~are~~ deposition events. But it is fairly homogeneous throughout.

Kharaneh IV

Checked by  Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Cont'd

**EFAP 2010**

Kharaneh IV Area BS58

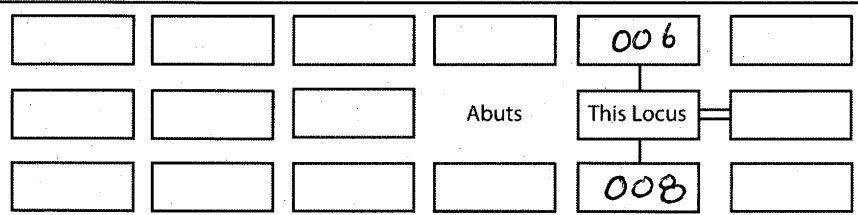
Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">007</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">12</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description**

*Compact pink (burned) upper part of a hearth.*

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 12 drawn on 17 / 6 / 10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.963	639.886
NE		
Centre		
SE		
SW		
A		
B		
C		
D		
E		
F		

**Volume**

6 litres =      m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowel/brush)   
  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

7.5YR 7 4

Sorting	0	1	2	3	4	5	
Roundness	1	2	3	4	5	6	
Density (%)	0	5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose		<input checked="" type="checkbox"/> Compact		<input type="checkbox"/> Hard		

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand <sup>sandy</sup> Silty loam

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Defining characteristic of this locus is its pink colour and its compact texture.

**Interpretation (based on your bag sheet descriptions)**

This is the upper part of a burning event, I think. However, I'm not sure how that would work, now that I think of it, since it's a layer of apparently burned soil above a layer of black burned stuff, rather than adjacent to it, or under it.

*based on pink colour*

~~\_\_\_\_\_~~ ← pink, compact (007)  
~~\_\_\_\_\_~~ ← black burned (008)



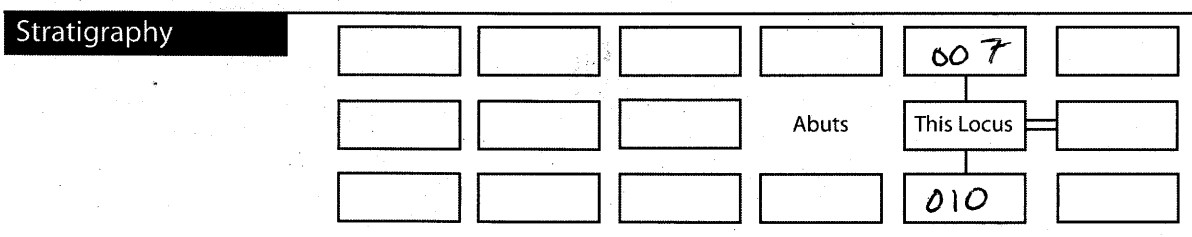
**EFAP 2010**

Kharaneh IV Area B558

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">008</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">13</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** hearth; black w-burned material



**Levels** These readings are shown on map no. (s) 13 drawn on 17/6 /10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.886	639.839
NE		
Centre		
SE		
SW		
A		
B	639.873	
C	639.832	639.812
D		
E		
F		

**Volume** 

9

 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

### Soil Properties

Inclusions/Disturbances:

- Ash
- Carbonates
- Burrows (snake/insect)
- Roots
- Modern Artifacts
- Other \_\_\_\_\_

Colour

7.5YR 2.5 2

Sorting

0 1 2 3 (4) 5

Roundness

1 2 3 (4) 5 6

Density (%)

(5) 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:

Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand *v. red*

### Artifact Association

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

This is an obvious burning event, likely a hearth.  
 Sediment is almost black, containing burned bone. ~~Part~~  
 A horn core (gazelle?) was found partly in this locus but extended to the related locus 1010 and taken out with that locus.

### Interpretation (based on your bag sheet descriptions)

This is a hearth, likely partly dug into an outdoor surface as no clean floor was found associated with it.

Kharaneh IV

Checked by  Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Cont'd

EFAP 2010

Kharaneh IV Area B558

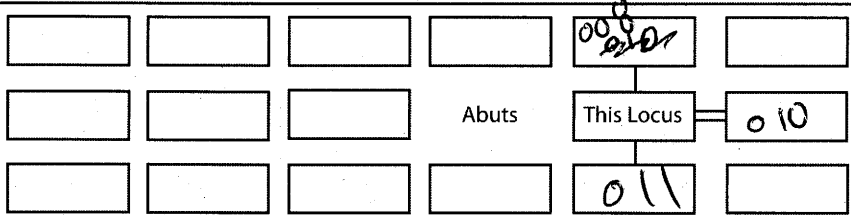
Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">009</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">14, 16, 17</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

Short Description

*compact brown, pale brown flecked w. charcoal*

Stratigraphy



Levels

These readings are shown on map no. (s) 14, 16, 17 drawn on 19<sup>-20</sup> / 06 / 10

Datum ID KABMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.825	639.746
NE	639.910	639.732
Centre	639.831	639.723
SE	639.898	639.748
SW	639.849	639.729
A		
B		
C		
D		
E		
F		

Volume

110 litres =  m<sup>3</sup>

Associated Forms

Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

*but turned out blurry blurry - Partly visible in photos for locus ~~008~~ 008 and 010*

Artifact Frequency

Very Frequent  
  Frequent (every trowel/brush)  
  Average (every 2nd trowel/brush)  
  Rare (every ~5 trowel/brush)  
  Sterile

## Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6/3 m

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

## Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

## Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

## Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

This locus is very similar to locus 1006 which sits directly above it in the east/south part of area, i.e. grayish-brown and compact with flecks of charcoal. Main reason for changing locus number was to maintain stratigraphic logic (due to the presence of the hearth between 1006 and 1009). However, 1009 is

## Interpretation (based on your bag sheet descriptions)

not quite as compact and bone preservation is better. Bag 17 of locus 1009 was characterized by a few more cobbles/pobbles, but also became slightly softer on the east part of the trench, probably because I dug a cm or two into the next locus.

~~Interpretation:~~ This seems to be another fill deposit.

Kharaneh IV

Checked by \_\_\_\_\_

Date \_\_\_\_\_

Entered in Database \_\_\_\_\_

Cont'd

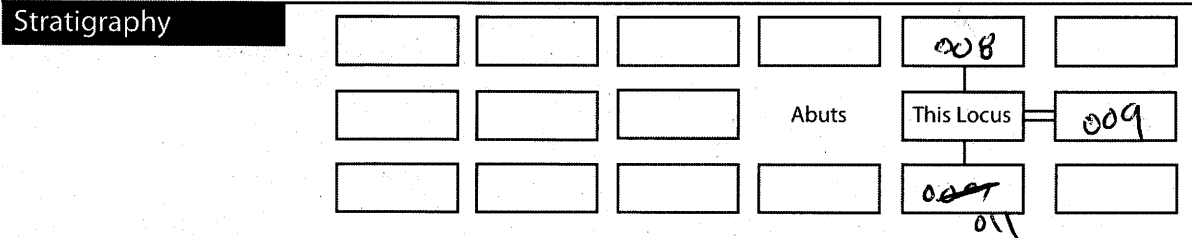
**EFAP 2010**

Kharaneh IV Area B558

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">010</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">15</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** compact brown layer ; lower part of hearth



**Levels** These readings are shown on map no. (s) 15 drawn on 20 / 10 / 10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.839	639.825
NE		
Centre		
SE		
SW		
A		
B		
C		
D		
E		
F		

**Volume** 5 litres =      m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

7.5YR 5 3

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

8.5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand / loam  
~~Silty loam~~

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

I believe this is sediment that was turned brown (lie. more red) as a result of the hearth feature (008) that was built on top of it. Texturally it is similar and not entirely distinct from the surrounding sediment (009)

**Interpretation (based on your bag sheet descriptions)**

I think a hearth feature (007, 008, 010) was built on top of, or probably partly dug into, a grayish-brown sediment (009). Heat from the fire turned this ~~more~~ more red, resulting in a brown compact layer (010).



### Soil Properties

#### Inclusions/Disturbances:

- Ash
- Carbonates
- Burrows (snake/insect)
- Roots
- Modern Artifacts
- Other \_\_\_\_\_

Colour

10YR 6/2

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Softer sediment in the eastern part of the area.  
Possibly disturbed extensively by rodents.

### Interpretation (based on your bag sheet descriptions)

Might be a shallow pit or scoop. Initially traced it in the NE part of the unit, but then realized ~~that~~ it extended to the SE as well.

Kharaneh IV

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Cont'd



**EFAP 2010**

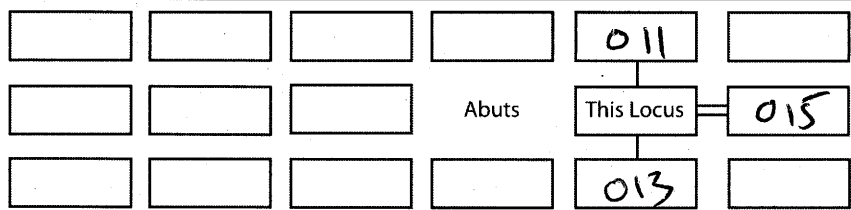
Kharaneh IV Area B558

Locus Summary (Sediments)

Locus <input type="text" value="012"/>	Includes Bags <input type="text" value="21 19, 21"/>	See pages: <input type="text"/>
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**Short Description**

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 19, 21 drawn on 21 / 6 / 10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.746	~ 639.665
NE		
Centre	639.723	639.674
SE		
SW	639.729	639.656
A		
B		
C		
D		
E		
F		

**Volume**

litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  
  Frequent (every trowel/brush)  
  Average (every 2nd trowel/brush)  
  Rare (every ~5 trowel/brush)  
  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 7 4

mottled with 10YR 6/3  
10YR 5/3

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Compact mottled with more stones than most loc in this area.

**Interpretation (based on your bag sheet descriptions)**

Fill layer, that a pit may have been dug into (i.e. 011).

**EFAP 2010**

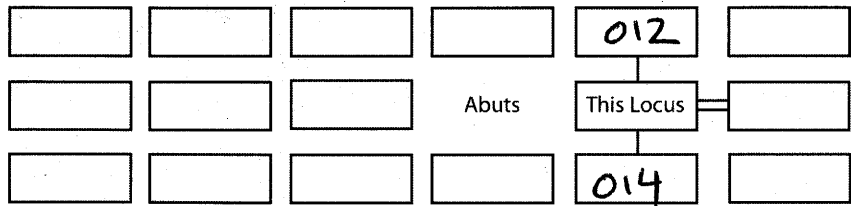
Kharaneh IV Area B558

Locus Summary (Sediments)

Locus  Includes Bags  See pages:

**Short Description**

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 22-24 drawn on 22/6 /10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	<u>639.665</u>	<u>639.657</u>
NE		
Centre		
SE		
SW	<u>639.650</u>	<u>639.602</u>
A		
B		
C		
D		
E		
F		

**Volume**

litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 7 4

mottled w 10YR 6/3  
10YR 5/3

Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	< 5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose	<input checked="" type="checkbox"/> Compact	<input type="checkbox"/> Hard			

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand  
(Silty loam)

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A  
 Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Compact mottled layer. Same as 012 but with artifacts from locus 014 below.

**Interpretation (based on your bag sheet descriptions)**

This is really a mixed bag. The sediment is a continuation of 012 but then hit a layer of flat-lying bone. This came up with 013 but undoubtedly derives from the "yellow" surface below. So most of the artifacts in 013 "belong" to <sup>013</sup> 014. The ~~part of 012 in the NW of the square was thin and did not survive cleaning for photos. But the part in the SW did~~

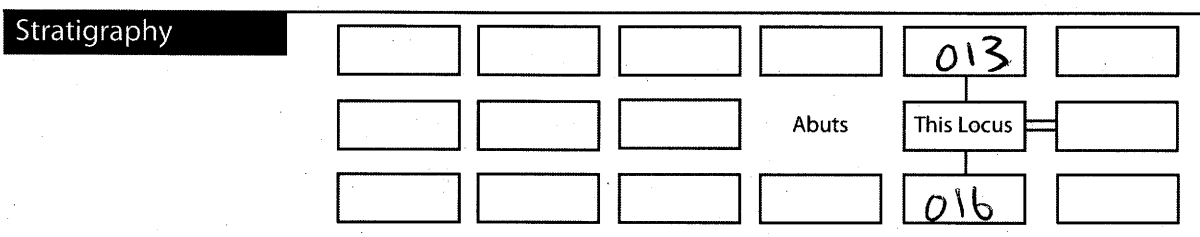
**EFAP 2010**

Kharaneh IV Area B558

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">014</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">25</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** "yellow" surface



**Levels** These readings are shown on map no. (s) 25 drawn on 22/6 /10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW	639.602	639.573
A		
B		
C		
D		
E		
F		

**Volume** 6 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 8/4

refer to it as "yellow"

Sorting W/A - 0 1 2 3 4 5  
 Roundness 1 2 3 4 5 6  
 Density (%) 0% 5 10 20 30 40 50  
 Compaction  Loose  Compact  Hard

(not real compact)

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

silty loam

**Artifact Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A  
 Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

This is a clear, yet thin, "yellow" surface (i.e. very pale brown). <sup>One</sup> ~~are~~ <sup>are</sup> ~~stony~~ less flocks of charcoal than most loci.

**Interpretation (based on your bag sheet descriptions)**

This is a thin surface of "yellow" silt. It extended across the west part of the area, but only in the SW was it robust enough to survive cleaning for photos. Most of the faunal material from bag #3 locus 013 ~~is~~ was immediately above 014 and derives from ~~the~~ 014. Managed to piece-plot some of the bones from the SW.

**EFAP 2010**

Kharaneh IV Area B558

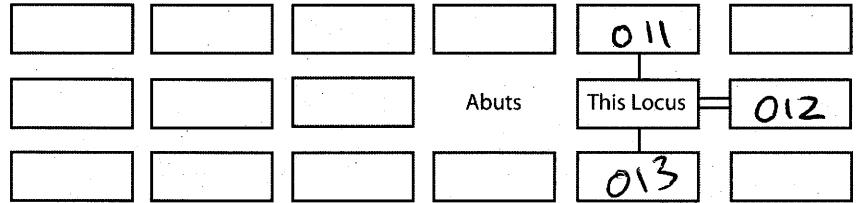
Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">0.5</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">23</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description**

*Compact mottled*

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 23 drawn on 22 / 6 /10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE	<i>639.624</i>	<i>639.565</i>
Centre	<i>639.587</i>	<i>639.568</i>
SE	<i>639.667</i>	<i>639.570</i>
SW		
A		
B		
C		
D		
E		
F		

**Volume**

25 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_  
*Amegs in photos for locus 014 -*

**Artifact Frequency**

Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowel/brush)   
  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 7 4

matched w. NYR 6/3  
10YR 5/3

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

silty loam

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

This is a ~~continuation~~ continuation of 012 ~~below~~  
on the E side of the area.

**Interpretation (based on your bag sheet descriptions)**

Fill layer ~~but~~ that a possible pit was dug into.



7

~~Erased~~  
Screwed up locus.

**EFAP 2010**

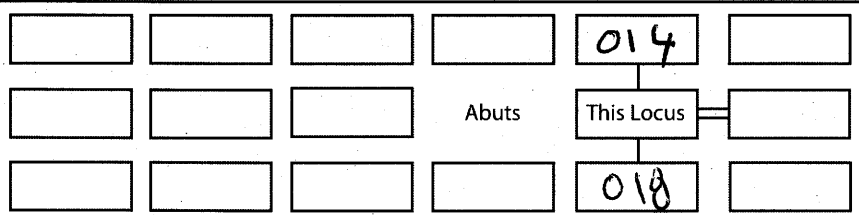
Kharaneh IV Area B558

Locus Summary (Sediments)

Locus	Includes Bags	See pages:
<input type="text" value="016"/>	<input type="text" value="26"/>	<input type="text"/>

**Short Description**

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) \_\_\_\_\_ drawn on / /10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		639.604
NE		639.612
Centre		639.561
SE		639.555
SW		639.618
A		
B		
C		
D		
E		
F		

**Volume**

litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6/3

Sorting

0 1 2 3 4 5

Roundness

N/A 1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Typical sediment of unit. Greyish-brown colour, ~~asphalt~~ flecks of charcoal, few stones,

### Interpretation (based on your bag sheet descriptions)

On the west part of unit I was tracing sediment below 014. I continued this across ~~the~~ to the east, thinking 014 stopped. But later more yellow stuff that looked like 014 was found under 016 (in section) So it may be that in the west 016 is ~~above~~ below 014 but in the east it is above. Illogical!

Kharaneh IV

Checked by

Date

Entered in Database

Cont'd

Screwed up locus.

**EFAP 2010**

Kharaneh IV

Area B558

Locus Summary (Sediments)

Locus

017

Includes Bags

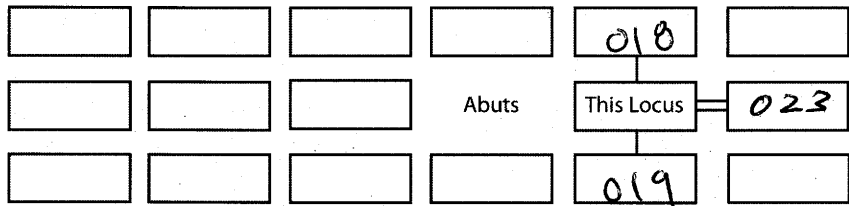
28, 29

See pages:

**Short Description**

Lower "yellow" locus.

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 28-29 drawn on 23-24 6/10

Datum ID

KHBMZ

Datum Elevation (DE)

640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.604	639.471
NE	639.612	639.577
Centre	639.561	~ 639.520
SE		
SW	639.618	639.444
A		
B		
C		
D		
E		
F		

**Volume**

50 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent     Frequent  
(every trowel/brush)     Average  
(every 2nd trowel/brush)     Rare  
(every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR	8	2
------	---	---

matched w/ 10YR 7/2  
10YR 7/3

Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	5	10	20	30	40	50

Compaction  Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

*silty loam*

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Similar in colour and texture to the "yellow" surface 014. But it is thicker and ~~was~~ did not have a layer of flat-lying bones above it.

**Interpretation (based on your bag sheet descriptions)**

~~was~~ This doesn't seem to be a surface, but is similar to a locus that does seem to be one. Difficult to explain but perhaps the "surface" (014) was some natural event that was then used as a surface for the deposition of faunal material. 017 would be the same kind of depositional event.

Kharaneh IV

Checked by

Date \_\_\_\_\_

Entered in Database \_\_\_\_\_

Cont'd

**EFAP 2010**

Kharaneh IV Area BSS8

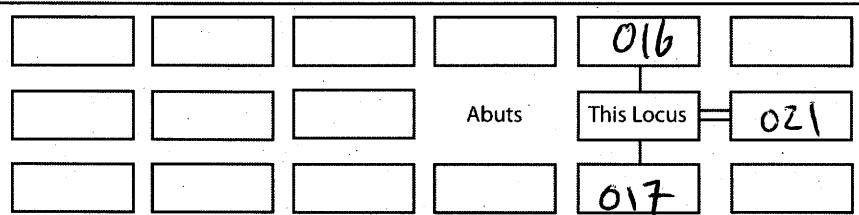
Locus Summary (Sediments)

Locus	Includes Bags	See pages:
<input type="text" value="018"/>	<input type="text" value="27"/>	<input type="text"/>

**Short Description**

Possible pit or depression.

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 27 drawn on 23 / 6 / 10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE	<u>639.555</u>	<u>639.461</u>
SW		
A		
B		
C		
D		
E		
F		

**Volume**

litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

But extent of excavated feature can be seen in photos for 017.

**Artifact Frequency**

Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

### Soil Properties

Inclusions/Disturbances:

- Ash
- Carbonates
- Burrows (snake/insect) *rodent*
- Roots
- Modern Artifacts
- Other \_\_\_\_\_

Colour: 10YR 6/3

Sorting	0	1	2	3	4	5	
Roundness	1	2	3	4	5	6	
Density (%)	0%	5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose	<input checked="" type="checkbox"/> Compact <i>moderately</i>	<input type="checkbox"/> Hard				

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

*silty clay*

### Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Seems to be a pit or scoop, or possibly the fill of a natural depression. Like 016 but softer with more charcoal.

### Interpretation (based on your bag sheet descriptions)

This may be a pit or scoop or natural depression that was filled with the same sediment that comprises 016.

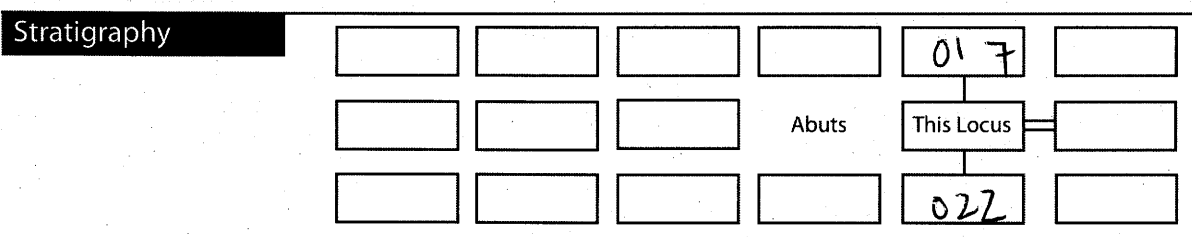
**EFAP 2010**

Kharaneh IV Area B559

Locus Summary (Sediments)

Locus  Includes Bags  See pages:

**Short Description** Grayish brown mottled w. yellow



**Levels** These readings are shown on map no. (s) 30 drawn on 24/6/10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.471	639.466
NE		
Centre		
SE		
SW	639.444	639.445 *
A		
B		
C		
D		
E		
F		

**Volume**  litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6 3

Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	< 5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose	<input checked="" type="checkbox"/> Compact	<i>moderately</i>			

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

*silty loam*

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary** (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

*Thin layer of grayish sediment underlying locus 017. Flecks of charcoal.*

**Interpretation** (based on your bag sheet descriptions)

*Another fill-type deposit. Bits of yellow (from locus 017) are mixed in.*



Screwed up

**EFAP 2010**

Kharaneh IV Area BSSB

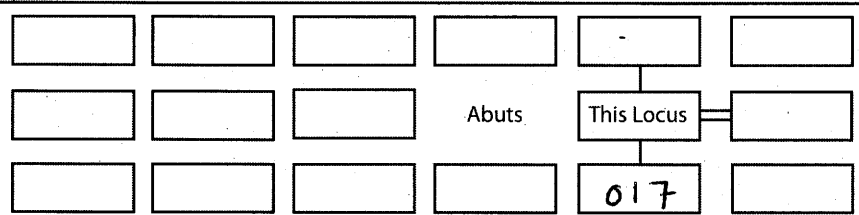
Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">020</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">31</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description**

greyish silt with ash

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 31 drawn on 24 / 6 / 10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE	639.577	639.442
Centre		
SE		
SW		
A	639.520	639.435
B		
C		
D		
E		
F		

**Volume**

11 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent   
 Frequent (every trowel/brush)   
 Average (every 2nd trowel/brush)   
 Rare (every ~5 trowel/brush)   
 Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6 2

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

< 5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand

Silt

Clay

Loam

Sandy Clay

Silty Clay

Silty Sand

silty loam

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

grayish-brown with ashy patches.

**Interpretation (based on your bag sheet descriptions)**

This is overlying the "yellow" loam sediment in the NE part of the trench. Should be equivalent to other fill-type deposits - e.g. 016. But it is under ~~ex~~ layers that are under the yellow stuff in the west.

Kharaneh IV

Checked by

Date \_\_\_\_\_

Entered in Database \_\_\_\_\_

Cont'd

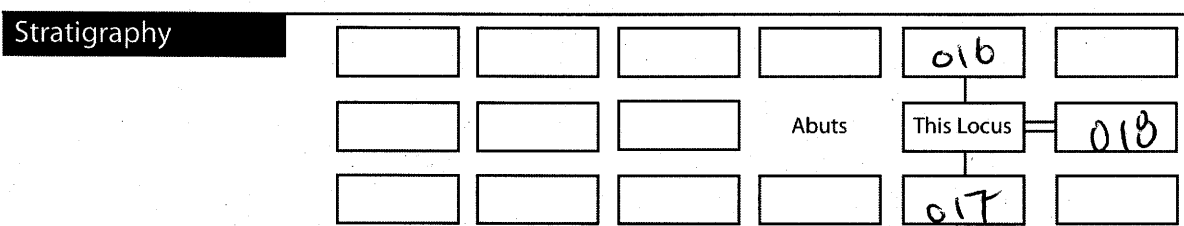
**EFAP 2010**

Kharaneh IV Area BSSB

Locus Summary (Sediments)

Locus  Includes Bags  See pages:

**Short Description** Pit (?) fill



**Levels** These readings are shown on map no. (s) 32 drawn on 24 / 6 / 10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE	639.461	639.349
SW		
A		
B		
C		
D		
E		
F		

**Volume**  litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6 2

Sorting	0	1	2	3	4	5	
Roundness	1	2	3	4	5	6	
Density (%)	0%	5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose		<input checked="" type="checkbox"/> Compact moderately		<input type="checkbox"/> Hard		

Texture:  Sand  Silt silty loam  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary** (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Fill of a pit or scoop, or possibly a natural depression.

**Interpretation** (based on your bag sheet descriptions)

This is an extension of locus 018.

**EFAP 2010**

Kharaneh IV Area BSS8

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">022</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">34</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** light brownish grey

**Stratigraphy**

				019	
			Abuts	This Locus	
				025	

**Levels** These readings are shown on map no. (s) 34 drawn on 26/6 /10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	<u>639.466</u>	<u>639.284</u>
NE	<u>639.442</u>	<u>639.334</u>
Centre	<u>639.431</u>	<u>639.279</u>
SE		
SW	<u>639.445</u>	<u>639.310</u>
A	<u>639.435</u>	<u>639.300</u>
B		
C		
D		
E		
F		

**Volume** 130 litres =        m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowel/brush)   
  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour 

104R	6	2
------	---	---

 - 104R 6/3

Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	<u>5</u>	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose	<input checked="" type="checkbox"/> Compact	<input type="checkbox"/> Hard			

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

*silty loam*

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary** (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

**Interpretation** (based on your bag sheet descriptions)

*Another fill-type deposit.*

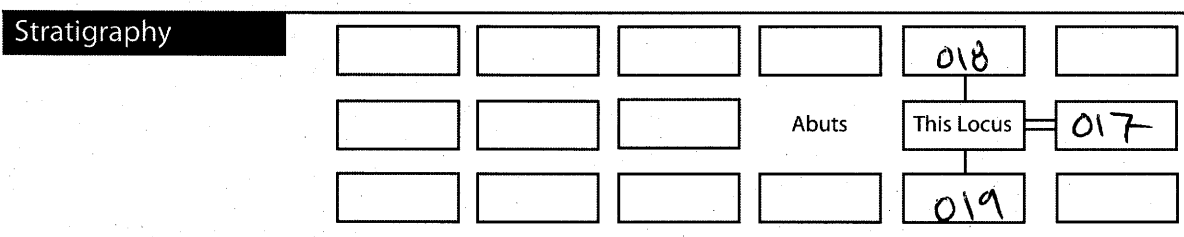
**EFAP 2010**

Kharaneh IV Area B558

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">023</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">33</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description**      *Extension of "yellow" sediment (D17)*



**Levels**      These readings are shown on map no. (s) 33 drawn on 26/6 /10

Datum ID KHBA2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A	639.432	639.413
B		
C		
D		
E		
F		

**Volume**      2 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes    No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  
  Frequent (every trowel/brush)  
  Average (every 2nd trowel/brush)  
  Rare (every ~5 trowel/brush)  
  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 7 4

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

*Silty loam*

**Artifact Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

*Same as 017.*

**Interpretation (based on your bag sheet descriptions)**

*Same as 017.*



## EFAP 2010

Kharaneh IV

Area 8558

Locus Summary (Sediments)

Locus

024

Includes Bags

36

See pages:

### Short Description

Fill of a circular depression; mottled w. "yellow" stuff

### Stratigraphy

			Abuts	This Locus	

### Levels

These readings are shown on map no. (s) 36 drawn on 26/6 /10

Datum ID

KHBMZ

Datum Elevation (DE)

640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A	639.313	639.277
B		
C		
D		
E		
F		

### Volume

<1 litres =  m<sup>3</sup>

### Associated Forms

Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

### Artifact Frequency

Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowel/brush)   
  Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6/2 - 10YR 6/3

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

(25) 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand

Silt

Clay

Loam

Sandy Clay

Silty Clay

Silty Sand

*Silty loam*

### Artifact Association

Undisturbed since deposition (in situ)

Recently Disturbed

Other (specify) ? could be rodent

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear

Diffuse

Unclear

N/A

Boundary to locus below is:  Sharp/Clear

Diffuse

Unclear

N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

This is a shallow, circular depression that ~~is~~ was mottled w. yellow sediment (similar to 017).

### Interpretation (based on your bag sheet descriptions)

Hard to say; might just be a <sup>part of</sup> rodent burrow; could be a post or tiny pit. Same as 026 I reckon, stratigraphically it is not contiguous with 017 but it is mottled with yellow sediment similar to 017.

Kharaneh IV

Checked by

Date \_\_\_\_\_

Entered in Database \_\_\_\_\_

Cont'd

## EFAP 2010

Kharaneh IV

Area 3558

Locus Summary (Sediments)

Locus

025

Includes Bags

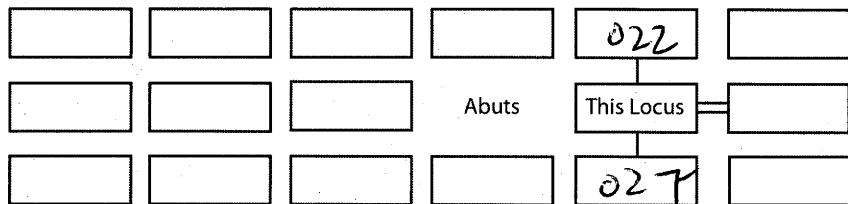
37-38

See pages:

## Short Description

Grey fill

## Stratigraphy



## Levels

These readings are shown on map no. (s) 38, 38 drawn on 26-27 / 6 / 10

Datum ID

KHBMZ

Datum Elevation (DE)

640.169

m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.284	639.213
NE	639.334	639.245
Centre	639.279	639.206
SE	639.349	639.232
SW	639.310	639.228
A		
B		
C		
D		
E		
F		

## Volume

~ 56 litres =  m<sup>3</sup>

## Associated Forms

Photos:  Yes  No

Sections: \_\_\_\_\_

Other (pit, hearth, burial): \_\_\_\_\_

## Artifact Frequency

 Very Frequent   
 Frequent (every trowel/brush)   
 Average (every 2nd trowel/brush)   
 Rare (every ~5 trowel/brush)   
 Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots *red ant*
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6/3

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

25 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand

Silt  Clay

Loam

Sandy Clay

Silty Clay

Silty Sand

*silty loam*

*moderately*

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

*Abundant bone, bits of red ochre or burning.*

**Interpretation (based on your bag sheet descriptions)**

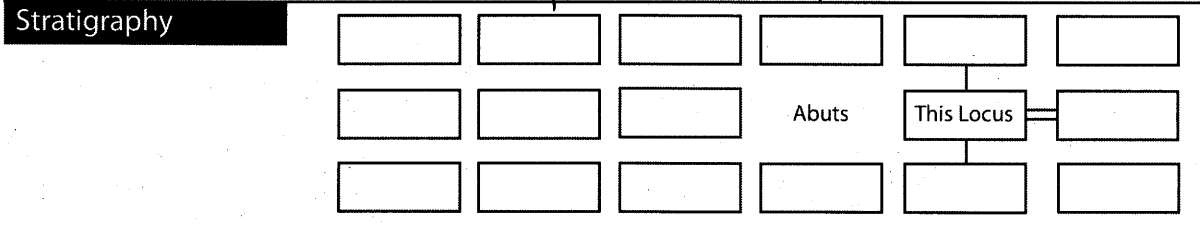
*Another fill-type deposit.*

EFAP 2010

Kharaneh IV Area B558 Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">026</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">35</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** Fill of a circular depression; mottled w- "yellow" sediment



**Levels** These readings are shown on map no. (s) 35 drawn on 26 / 6 /10

Datum ID MHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A	639.327	639.247
B		
C		
D		
E		
F		

**Volume** <1 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6/2 - 10 YR 6/3

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

25 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

Silty loam

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) ? could be rodent

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

This is a shallow, circular depression that was mottled w. yellow sediment (similar to 017)

**Interpretation (based on your bag sheet descriptions)**

Hard to say; might just be part of a rodent burrow or could be a post or trap pit. Same

as 024 in section.

Stratigraphically it is lower <sup>and</sup> than <sup>and not contiguous with</sup> 017 but it is mottled with the same kind of sediment as 017.

## EFAP 2010

Kharaneh IV Area B558

Locus Summary (Sediments)

Locus

027

Includes Bags

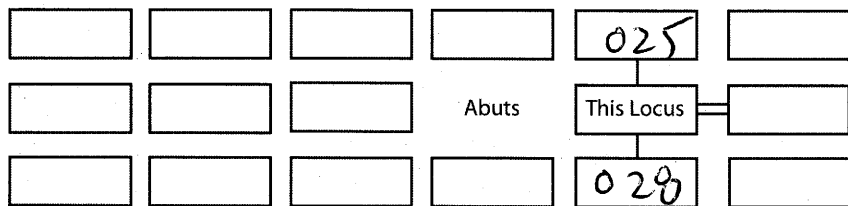
39

See pages:

## Short Description

layer of burning (hearth)

## Stratigraphy



## Levels

These readings are shown on map no. (s) 39 drawn on 27/6/10

Datum ID

KHBMZ

Datum Elevation (DE)

640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A	639.210	639.134
B	639.211	639.150
C		
D		
E		
F		

## Volume

5 litres =  m<sup>3</sup>

## Associated Forms

Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

## Artifact Frequency

 Very Frequent   
 Frequent  
(every trowel/brush)   
 Average  
(every 2nd trowel/brush)   
 Rare  
(every ~5 trowel/brush)   
 Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

5YR 6/6

Sorting	0	1	2	3	4	5	
Roundness	1	2	3	4	5	6	
Density (%)	0%	5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose <input checked="" type="checkbox"/> Compact <input type="checkbox"/> Hard <i>moderately</i>						

Texture:  Sand     Silt     Clay     Loam     Sandy Clay     Silty Clay     Silty Sand

### Artifact Association

- Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

### Locus Boundaries

- Boundary to locus above is:  Sharp/Clear     Diffuse     Unclear     N/A
- Boundary to locus below is:  Sharp/Clear     Diffuse     Unclear     N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Small patch (or two merging patches) of what looks to be evidence for burning. Red colour associated with bits of ash and charcoal.

### Interpretation (based on your bag sheet descriptions)

One or two hearths; or more likely the end of a series of burning events.



## EFAP 2010

Kharaneh IV Area 3558

Locus Summary (Sediments)

Locus

028

Includes Bags

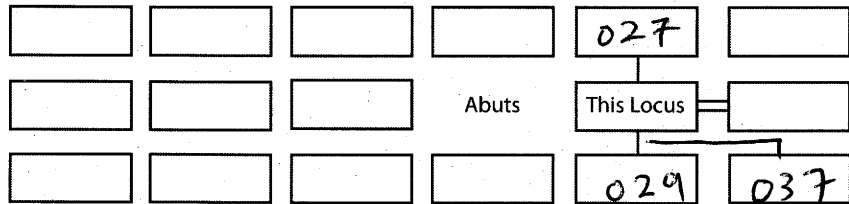
40

See pages:

## Short Description

Grey-brown sediment mottled with  
red burned patches -

## Stratigraphy



## Levels

These readings are shown on map no. (s) 40 drawn on 27/6 /10

Datum ID

KHBM2

Datum Elevation (DE)

640.109

m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	<u>639.213</u>	<u>639.145</u>
NE	<u>639.245</u>	<u>639.172</u>
Centre	<u>639.206</u>	<u>639.138</u>
SE	<u>639.232</u>	<u>639.131</u>
SW	<u>639.228</u>	<u>639.140</u>
A		
B		
C		
D		
E		
F		

## Volume

70

litres =

m<sup>3</sup>

## Associated Forms

Photos:  Yes  No

Sections: \_\_\_\_\_

Other (pit, hearth, burial): \_\_\_\_\_

But visible in photos for locus 027.

## Artifact Frequency

 Very Frequent Frequent  
(every trowel/brush) Average  
(every 2nd trowel/brush) Rare  
(every ~5 trowel/brush) Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

S12	6	6
-----	---	---

Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	<u>&lt; 5</u>	10	20	30	40	50
Compaction	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Compact	<input type="checkbox"/> Hard			

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

*Silty loam*

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary** (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Locus 027 is probably just the uppermost bit of locus 028.

**Interpretation** (based on your bag sheet descriptions)

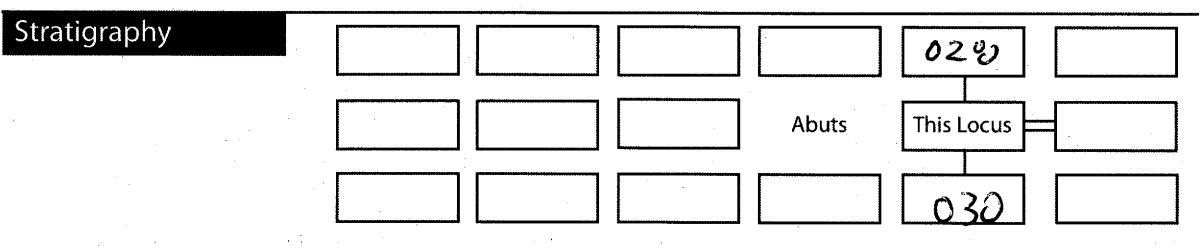
A mottled layer with fill-type deposit and patches of burned material. Probably a succession of burning events punctuated by the interjection of other deposits.

**EFAP 2010**

Kharaneh IV Area B550 Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">029</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">41</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** Dark layer (surface?)



**Levels** These readings are shown on map no. (s) 41 drawn on 27/6/10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639,145	~ 639,065
NE	639,172	~ 639,023
Centre	639,130	~ 639,996
SE	639,131	~ 638,986
SW	639,140	~ 639,053
A		
B		
C		
D		
E		
F		

**Volume** 105 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 5/3

10 YR 7/2; 10 YR 5R; 10 YR 5/1

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

< 5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

*silty loam*

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

*Mottled with evidence of burning; bits of red ochre.*

**Interpretation (based on your bag sheet descriptions)**

*This is ~~not a~~ a possible surface; but an obvious activity area. Evidence for burning*

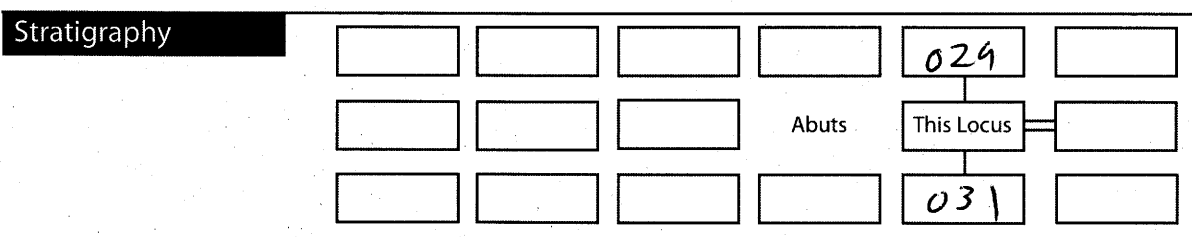
**EFAP 2010**

Kharaneh IV Area BSSB

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">030</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">42</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** Transition to sterile deposit



**Levels** These readings are shown on map no. (s) 42 drawn on 27/6/10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	~ 639,065	639,045
NE	~ 639,022	639,003
Centre	~ 638,996	638,976
SE	~ 638,986	638,966
SW	~ 639,053	639,033
A		
B		
C		
D		
E		
F		

**Volume** 22 litres =        m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour	1042	8	2	mixed with darker colors.			
Sorting	0	1	2	3	4	5	
Roundness	1	2	3	4	5	6	
Density (%)	0%	5	10	20	30	40	50
Compaction	<input checked="" type="checkbox"/> Loose		<input type="checkbox"/> Compact		<input type="checkbox"/> Hard		

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary** (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

The loose occupation locus (029) lay above a loose sterile deposit (030). ~~Rather than take the effort~~  
~~to do this~~ This locus is the mixed material at the interface of the two.

**Interpretation** (based on your bag sheet descriptions)

Mixed cultural material with natural, sterile sediment.

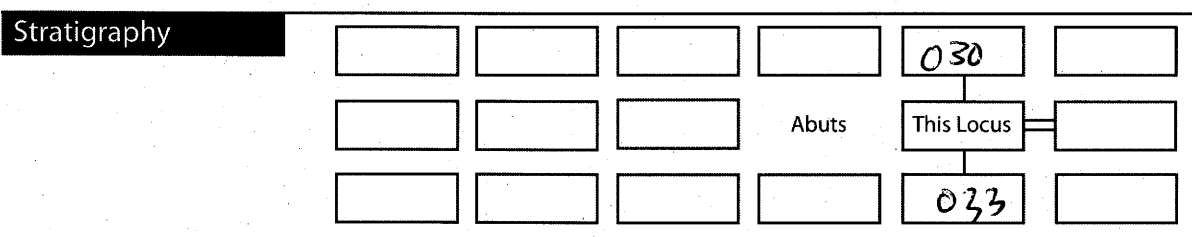
**EFAP 2010**

Kharaneh IV Area B558

Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center;">031</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center;">44</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description** white sterile layer



**Levels** These readings are shown on map no. (s) 44, 46 drawn on 20/6 /10

Datum ID KHPM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	639.045	638.722
NE	639.003	638.721
Centre	638.976	638.700
SE	638.966	638.720
SW	639.033	638.769
A		
B		
C		
D		
E		
F		

**Volume** 340 litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowel/brush)     Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10 YR 8 2

Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	5	10	20	30	40	50
Compaction	<input type="checkbox"/> Loose		<input checked="" type="checkbox"/> Compact		<input type="checkbox"/> Hard	

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

- Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A
- Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

White sterile layer - with post-molds dug into it. ~~Artifacts~~ Artifacts are included with this locus but ~~as~~ as far as I could tell they are all from the postmolds (which I thought were rodent holes at first, and

### Interpretation (based on your bag sheet descriptions)

for the sake of speed I wasn't too careful in separating them out).  
Natural deposit. Perhaps a beach sand.

Kharaneh IV

Checked by  Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Cont'd



**EFAP 2010**

Kharaneh IV Area BS 58

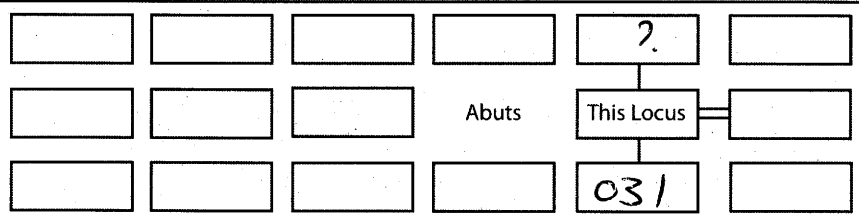
Locus Summary (Sediments)

Locus	Includes Bags	See pages:
<input type="text" value="032"/>	<input type="text"/>	<input type="text"/>

**Short Description**

post mould

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 44 drawn on 20/6 /10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A	639.807	639.857
B		
C		
D		
E		
F		

**Volume**

litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6 3

Sorting

0 1 2 3 4 5

Roundness

N/A

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A (not seen)

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

~~post~~ ~~Dark~~ Sediment darker than  
surrounding area. Grayish-brown.

### Interpretation (based on your bag sheet descriptions)

A post mold. The upper part must have  
been mottled as I didn't notice it  
until I had been digging through  
sterile layer 031.

Kharaneh IV

Checked by

Date \_\_\_\_\_

Entered in Database \_\_\_\_\_

Cont'd

**EFAP 2010**

Kharaneh IV Area B550

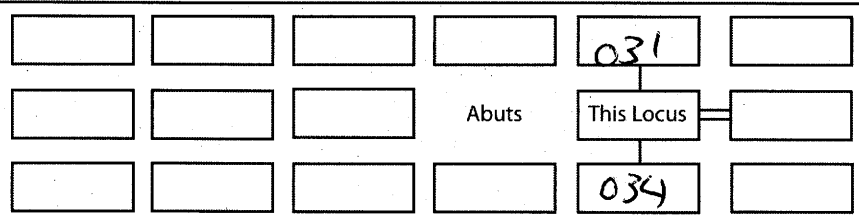
Locus Summary (Sediments)

Locus <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">033</div>	Includes Bags <div style="border: 1px solid black; padding: 5px; text-align: center; font-size: 1.2em;">47</div>	See pages: <div style="border: 1px solid black; height: 20px;"></div>
--	---	--

**Short Description**

Grayish stain

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 47 drawn on 30/6 /10

Datum ID KH8M2 Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A	~ 638.722	~ 638.712
B		
C		
D		
E		
F		

**Volume**

4 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No      Sections: \_\_\_\_\_      Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowel/brush)   
  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6 2

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary** (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

An amorphous dark gray stain.

**Interpretation** (based on your bag sheet descriptions)

A natural gray stain.

**EFAP 2010**

Kharaneh IV Area RSS0

Locus Summary (Sediments)

Locus

034

Includes Bags

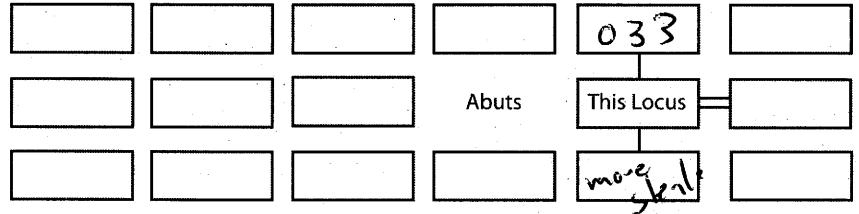
48

See pages:

**Short Description**

Light-coloured sterile layer

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) 48 drawn on 30 / 6 / 10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW	638.722	638.491
NE	638.721	638.485
Centre	638.700	638.469
SE	638.720	638.442
SW	638.7699	638.432
A		
B		
C		
D		
E		
F		

**Volume**

265 litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  
  Frequent (every trowel/brush)  
  Average (every 2nd trowel/brush)  
  Rare (every ~5 trowel/brush)  
  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 8 2

Sorting

0 1 2 3 4 5

Roundness

1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

Light-coloured sterile layer. Gradually to a reddish clay.

**Interpretation (based on your bag sheet descriptions)**

Natural sterile deposits.

**EFAP 2010**

Kharaneh IV Area B558

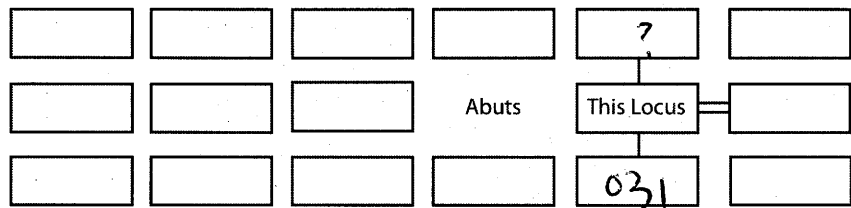
Locus Summary (Sediments)

Locus  Includes Bags  See pages:

**Short Description**

post mould

**Stratigraphy**



**Levels**

These readings are shown on map no. (s) N/A drawn on / /10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A		
B		
C		
D		
E		
F		

**Volume**

litres =  m<sup>3</sup>

**Associated Forms**

Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**

Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect) *rodent*
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6/2

Sorting

0 1 2 3 4 5

Roundness

N/A 1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

? Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary (from bag sheets)**

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
 Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

A grayish-brown post mould only encountered in section. A rodent burrow obscured the top portion.

**Interpretation (based on your bag sheet descriptions)**

A post mould - For holding posts.



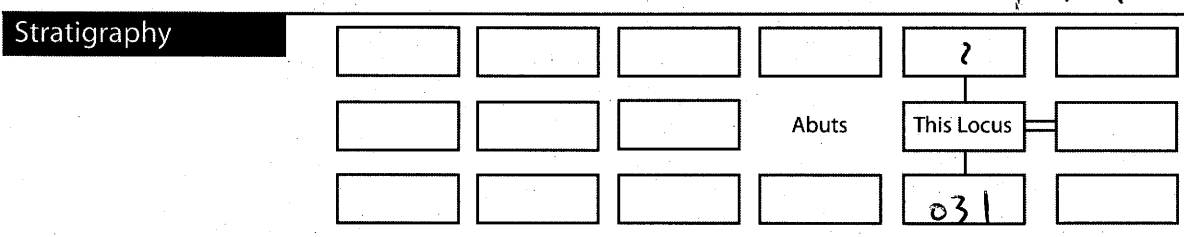
**EFAP 2010**

Kharaneh IV Area B5 B550

Locus Summary (Sediments)

Locus  Includes Bags  See pages:

Short Description post ~~mud~~ post mud or small pit.



Levels These readings are shown on map no. (s) N/A drawn on / /10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A		
B		
C		
D		
E		
F		

Volume  litres =  m<sup>3</sup>

Associated Forms Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

Artifact Frequency  Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

### Soil Properties

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6 2

Sorting	0	1	2	3	4	5
Roundness	1	2	3	4	5	6
Density (%)	5	10	20	30	40	50
Compaction	<input checked="" type="checkbox"/> Loose	<input type="checkbox"/> Compact	<input type="checkbox"/> Hard			

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

### Artifact Association

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

### Locus Boundaries

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A  
Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

### Locus Summary (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

A grayish brown pit only encountered in section.

### Interpretation (based on your bag sheet descriptions)

Looked like what I'm calling post molds, however, it had a large artifact in it that would have obscured a post.  
Likely a symbolic deposit.

Kharaneh IV

Checked by  Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Cont'd

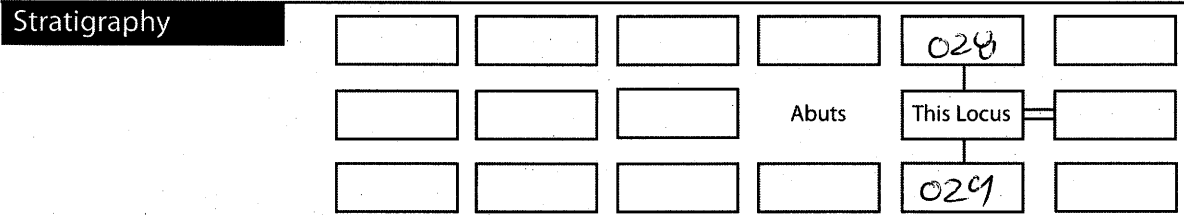
**EFAP 2010**

Kharaneh IV Area B550

Locus Summary (Sediments)

Locus  Includes Bags  See pages:

**Short Description** post mould



**Levels** These readings are shown on map no. (s) N/A drawn on 347 /10

Datum ID  Datum Elevation (DE)  m ASL

	Top Levels	Bottom Levels
Map Ref	Metres A.S.L.	Metres A.S.L.
NW		
NE		
Centre		
SE		
SW		
A		
B		
C		
D		
E		
F		

**Volume**  litres =  m<sup>3</sup>

**Associated Forms**  
 Photos:  Yes  No Sections: \_\_\_\_\_ Other (pit, hearth, burial): \_\_\_\_\_

**Artifact Frequency**  
 Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowel/brush)  Sterile

**Soil Properties**

- Inclusions/Disturbances:
- Ash
  - Carbonates
  - Burrows (snake/insect)
  - Roots
  - Modern Artifacts
  - Other \_\_\_\_\_

Colour

10YR 6 2

Sorting

0 1 2 3 4 5

Roundness

N/A 1 2 3 4 5 6

Density (%)

5 10 20 30 40 50

Compaction

Loose  Compact  Hard

Texture:  Sand  Silt  Clay  Loam  Sandy Clay  Silty Clay  Silty Sand

**Artifact Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Locus Boundaries**

Boundary to locus above is:  Sharp/Clear  Diffuse  Unclear  N/A

Boundary to locus below is:  Sharp/Clear  Diffuse  Unclear  N/A

**Locus Summary** (from bag sheets)

Deposit: Include thickness and extent, stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.  
Cut: shape in plan, corners, dimensions/depth, sides, base, orientation, inclination of axis, truncated (if known), fill #'s, etc.

A greyish-brown post mold.

**Interpretation** (based on your bag sheet descriptions)

A post mold.

**EFAP 2010**

Kharaneh IV Area BS58

Exc. LM

Date: 1 - 6 - 10

Bag No	Locus	Description	<input checked="" type="checkbox"/> Sediment	<input type="checkbox"/> Pit Fill	<input type="checkbox"/> Wall	<input type="checkbox"/> Cut/Interface	<input type="checkbox"/>
1	000/001	Finds	<input checked="" type="checkbox"/> Lithics	<input type="checkbox"/> Fauna	<input type="checkbox"/> Charcoal	<input type="checkbox"/> Shell	<input type="checkbox"/> Ochre
		Samples	<input type="checkbox"/> Bulk Soil	<input type="checkbox"/> Flotation	<input type="checkbox"/> Micromorph	<input type="checkbox"/> C14	<input type="checkbox"/>

Reasons for New Bag or Locus

New square

Excavation Method

- hand-pick   
  trowel   
  small tools   
  brush

Mesh size  mm

% screened 0

or 100% collection (flot)

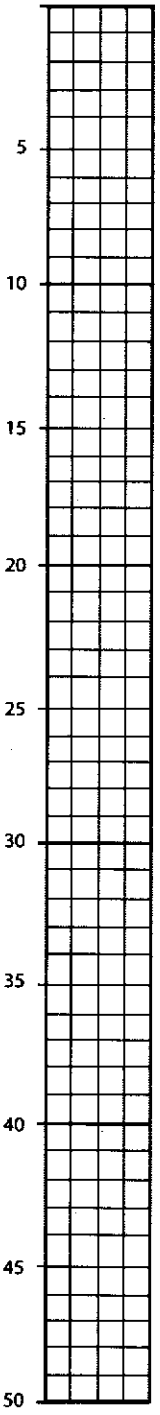
Stratigraphy

This Locus is	below: <span style="border: 1px solid black; padding: 2px;">sky</span>	cut by: <span style="border: 1px solid black; padding: 2px;"></span>
	equal to: <span style="border: 1px solid black; padding: 2px;"></span>	cuts: <span style="border: 1px solid black; padding: 2px;"></span>
	above: <span style="border: 1px solid black; padding: 2px;">003</span>	abuts: <span style="border: 1px solid black; padding: 2px;"></span>

Levels

These readings are shown on map no. 1 drawn on 1 / 6 / 10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres:  total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			640.441			640.348	
NE			640.450			640.365	
Centre			640.445			640.359	
SE			640.445			640.356	
SW			640.411			640.333	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  <sup>14</sup>C



Map No: 1

Page  

EFAP 2010

Kharaneh IV Area BS58 ~~BF58~~

Date: 1 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 640.441

Bottom 640.348

NE Corner:

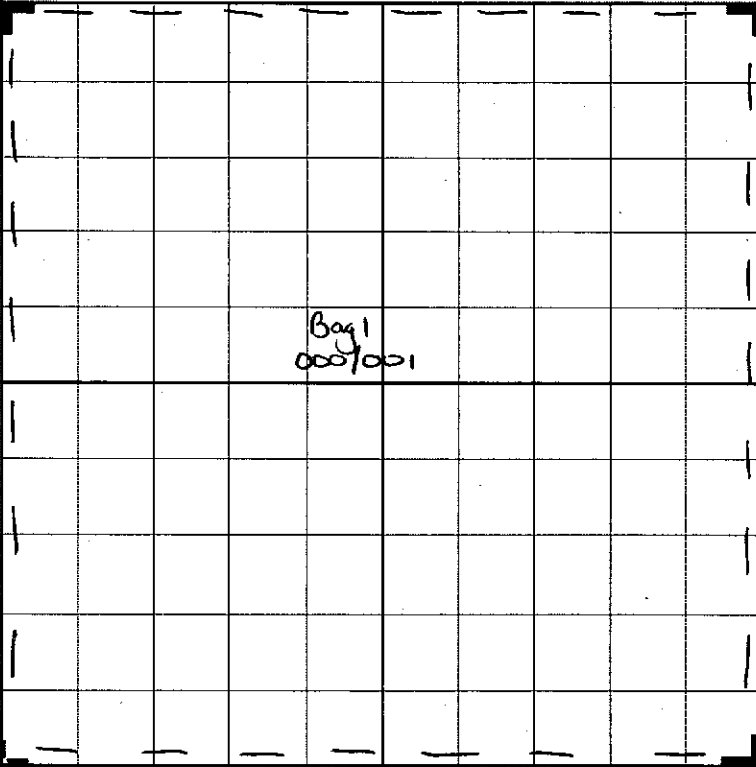
Top 640.450

Bottom 640.365

1 m

0.5 m

0 m



North



SW Corner:

Top 640.411

Bottom 640.333

SE Corner:

Top 640.445

Bottom 640.356

Centre:

Top 640.445

Bottom 640.359

Datum

KHBM2

Height of Instrument

640.169

Checked by

KH

locus 002 not used

EFAP 2010

Kharaneh IV Area B558

Exc. LM

Date: 2 - 6 - 10  
d m

Bag No 2 Locus ~~002~~

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

*Grey loose silt*

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

below: ~~000/001~~ 000/001 cut by:  

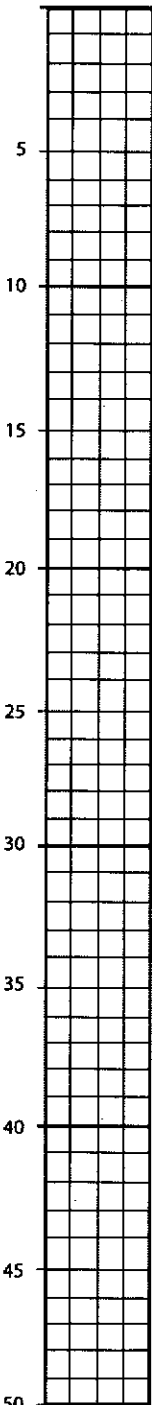
This Locus is equal to:   cuts:  

above: 003 abuts:  

Levels

These readings are shown on map no. 2 drawn on 2/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 0 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW			640.348			640.348	
NE			640.365			640.365	
Centre			640.359			640.359	
SE			640.356			640.356	
SW			640.333			640.333	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  <sup>14</sup>C





EFAP 2010

Kharaneh IV Area BS58 Date: 2 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 640.348  
 Bottom "

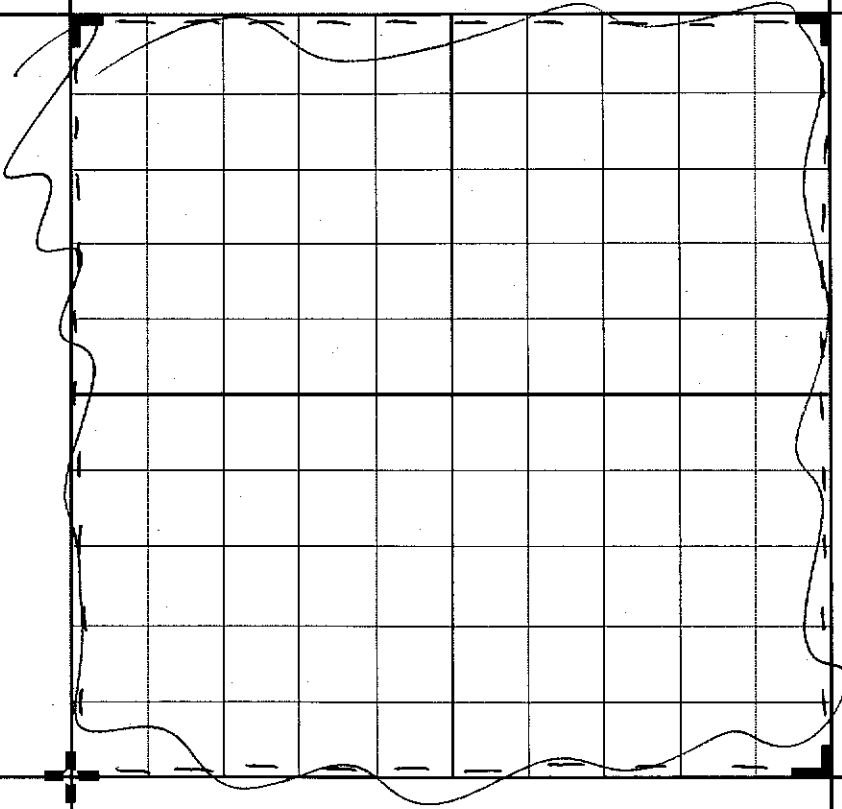
NE Corner:

Top 640.365  
 Bottom "

1 m

0.5 m

0 m



North



SW Corner:

Top 640.333  
 Bottom "

SE Corner:

Top 640.356  
 Bottom "

Datum

KHBM2

Centre:

Top 640.359  
 Bottom "

Height of Instrument

640.169

Checked by

KG

EFAP 2010

Kharaneh IV Area BS<sup>58</sup> Exc. V.6 Date: 13 - 6 - 10  
d m

Bag No 3 Locus 003

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus New Day

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

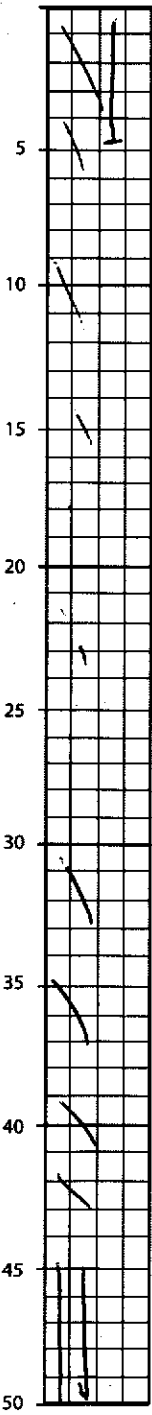
This Locus is below: 002 000/001 cut by:  

equal to:   cuts:  

above: 003 abuts:  

Levels These readings are shown on map no. 3 drawn on 13/6/10

Datum ID KHB12 Datum Elevation (DE) 640.<sup>169</sup>~~168~~ m ASL



A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C
NW			640.395	360		640.241
NE			640.413	374		640.259
Centre			640.358			640.225
SE			640.434	369		640.267
SW			640.378	338		640.249
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

litres: 10 total 105



Map No: 3

Page

EFAP 2010

Kharaneh IV Area BS 50

Date: 13 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 640.360

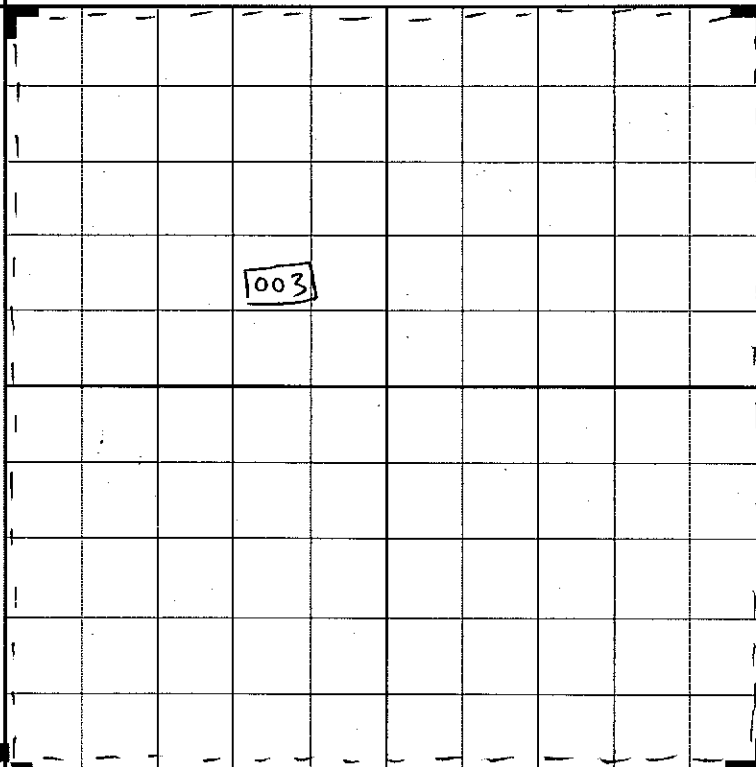
Bottom 640.241

NE Corner:

Top 640.374

Bottom 640.259

1 m



North



0.5 m

0 m

SW Corner:

Top 640.338

Bottom 640.249

SE Corner:

Top 640.369

Bottom 640.267

Centre:

Top 640.358

Bottom 640.225

Datum

KHBM2

Height of Instrument

640.169

Checked by

**EFAP 2010**

Kharaneh IV Area <sup>58</sup> ~~351~~

Exc. K-G

Date: 13 - 6 - 10  
d m

Bag No  
4

Locus  
004

Description  Sediment  Pit Fill  Wall  Cut/Interface  hearth  
 Finds  Lithics  Fauna  Charcoal  Shell  Ochre   
 Samples  Bulk Soil  Flotation  Micromorph  C14

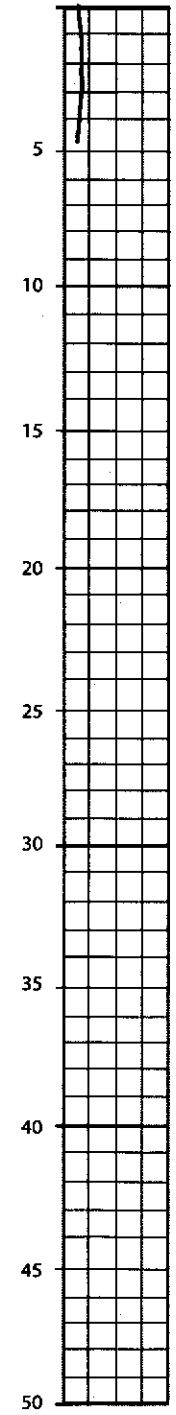
Reasons for New Bag or Locus Encountered a patch of fine-reddened sediment + black ashy stuff.

Excavation Method  
 hand-pick  trowel  small tools  brush  
 Mesh size  mm  
 % screened   
 or 100% collection (flot)

Stratigraphy  
 below: 003 cut by:   
 This Locus is equal to:  cuts:   
 above: 004 abuts:

Levels These readings are shown on map no. 4 drawn on 13/6/10

Datum ID K4BM2 Datum Elevation (DE) 640.149 m ASL



	Top Levels			Bottom Levels		
	A	B	C	D	E	F
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C
NW						
NE						
Centre						
SE						
SW						
A			640.218			640.187
B						
C						
D						
E						
F						
G						
H						
J						
K						

litres: 5 total



EFAP 2010

Kharaneh IV Area ~~BS 58~~ 58

Date: 13 - 6 - 10 1:10  
day month

Point. provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus
A	0.72	0.63	640.218	004
1	0.72	0.63	640.187	004

top  
bottom

NW Corner: N/A

NE Corner: N/A

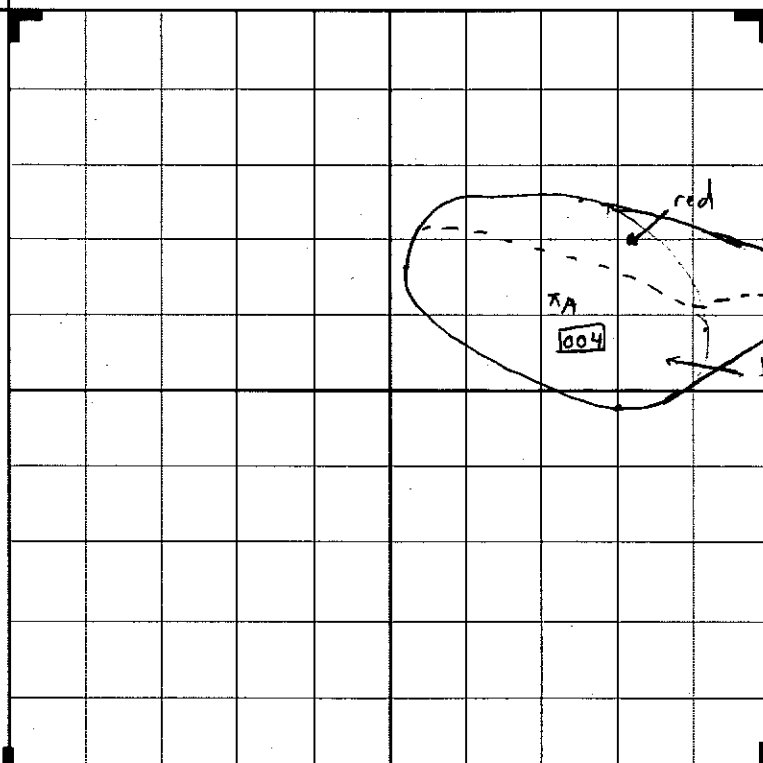
Top \_\_\_\_\_

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Bottom \_\_\_\_\_

1 m



5 YR 5/6

North

black to gray

7.5 YR 3/1

to 7.5 YR 5/2

0.5 m

0 m

SW Corner: N/A

SE Corner: N/A

Top \_\_\_\_\_

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Bottom \_\_\_\_\_

Centre: N/A

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Datum

KHBM2

Height of Instrument

640.169

Checked by

[Signature]



B558

EFAP 2010

Kharaneh IV Area ~~XXXX~~

Exc. KG

Date: 13 - 6 - 10  
d m

Bag No 5 Locus 005

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

Under hearth (?) feature 004.

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below: 004 cut by:  

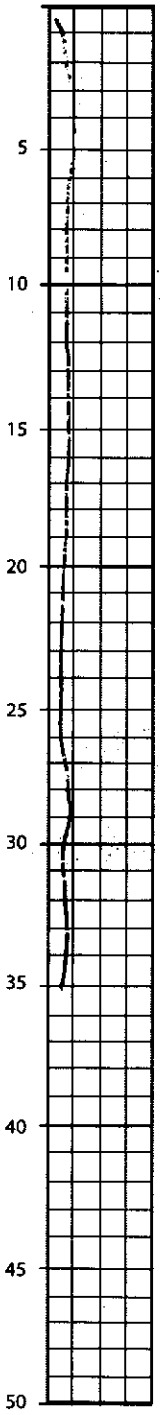
equal to:   cuts:  

above: 006 abuts:  

Levels

These readings are shown on map no. S drawn on 13/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 35 total

Map Ref	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			640.241			<del>640.289</del> 640.209	
NE			640.259			640.216	
Centre			640.225			640.200	
SE			640. <del>224</del> .267			640.195	
SW			640.249			640.217	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							



Map No: 5

Page  

EFAP 2010

Kharaneh IV Area ~~B558~~ B558

Date: 13 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 640.241  
Bottom 640.209

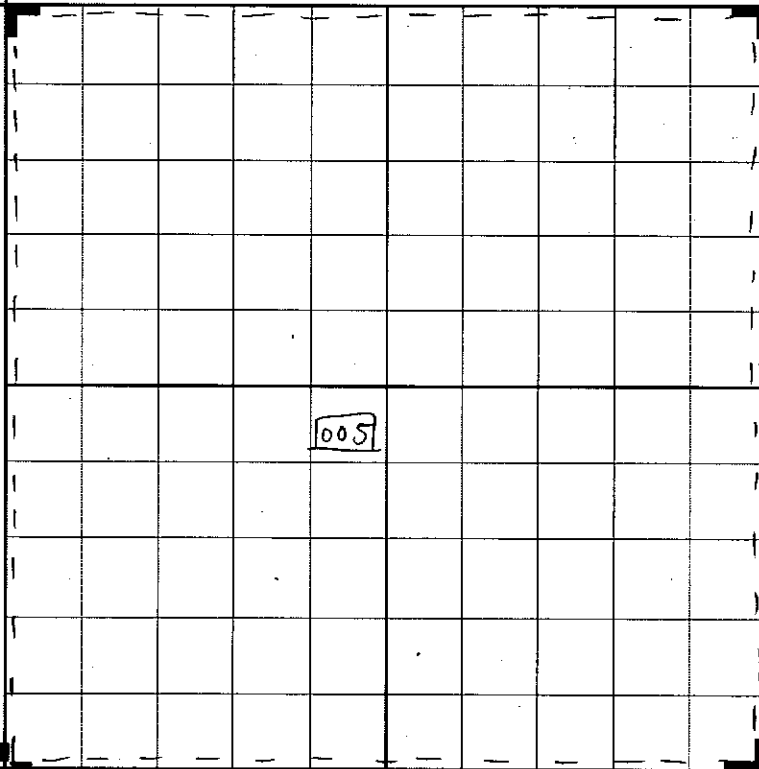
NE Corner:

Top 640.259  
Bottom 640.216

1 m

0.5 m

0 m



North



SW Corner:

Top 640.249  
Bottom 640.217

SE Corner:

Top 640.267  
Bottom 640.195

Centre:

Top 640.225  
Bottom 640.200

Datum

KHBM 2

Height of Instrument

640.169

Checked by

EFAP 2010

Kharaneh IV Area B558

Exc. KG

Date: 14 - 6 - 10  
d m

Bag No 6 Locus 005

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

New Day

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size    mm

% screened   

or 100% collection (flot)

Stratigraphy

This Locus is below: 004 cut by:   

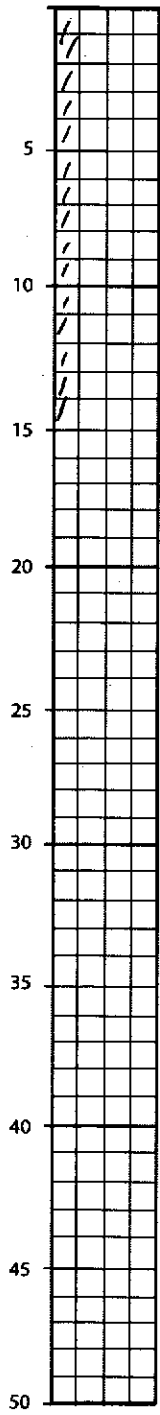
equal to:    cuts:   

above: 006 abuts:   

Levels

These readings are shown on map no. 6 drawn on 14 / 6 / 10

Datum ID KHSM 2 Datum Elevation (DE) 640.169 m ASL



A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)
NW			640.209			640.192
NE			640.216			640.217
Centre			640.200			640.185
SE			640.195			640.195
SW			640.217			640.191
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

**Artifact/Finds Frequency**

- Very Frequent   
  **Frequent**  
(every trowel/brush)   
  Average  
(every 2nd trowel/brush)   
  Rare  
(every 5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic**   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)**   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Continued digging the same <sup>loose</sup> silty fill deposit until I encountered a more compact layer, although other properties seemed similar. ~~Change bags~~ Poorly preserved bone, lithics.

Note that upon arrival to site this morning a rodent had dug through my bank and deposited abundant sediment into the unit.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	545162						flot sample (1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 6

Page

EFAP 2010

Kharaneh IV Area B558

Date: 14 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 640.209  
Bottom 640.192

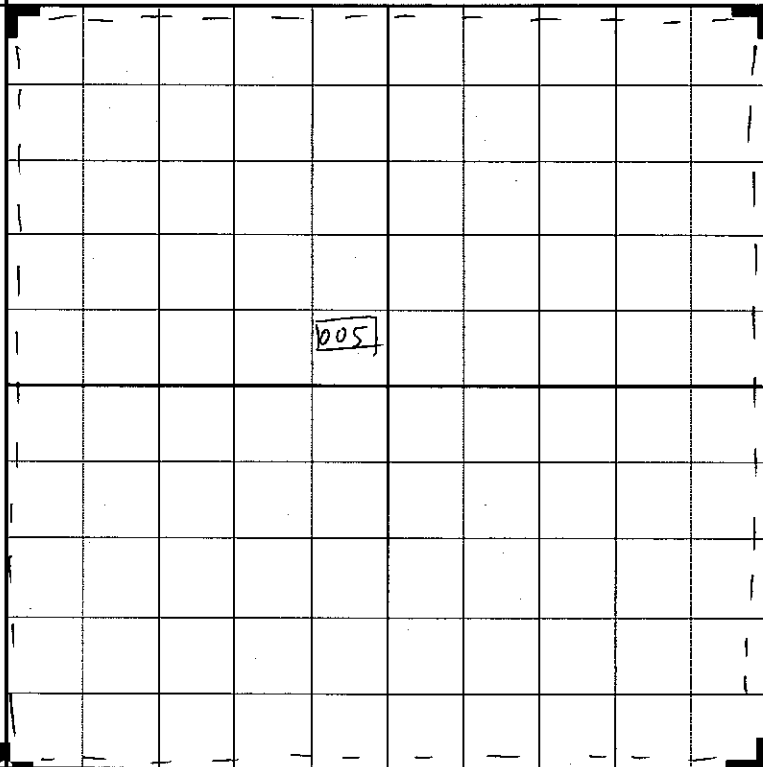
NE Corner:

Top 640.216  
Bottom 640.217

1 m

0.5 m

0 m



North



SW Corner:

Top 640.217  
Bottom 640.191

SE Corner:

Top 640.195  
Bottom 640.195

Centre:

Top 640.200  
Bottom 640.185

Datum

KXX

KHBM2

Height of Instrument

640.169

Checked by

EFAP 2010

Kharaneh IV Area B558 Exc. K6 Date: 14 - 6 - 10  
d m

Bag No 7 Locus 005

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Harder patches of sediment

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

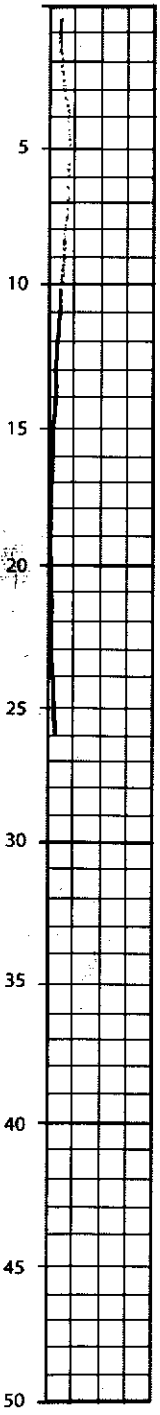
below: 004 cut by:  

This Locus is equal to:   cuts:  

above: 006 abuts:  

Levels These readings are shown on map no. 7 drawn on 14/6/10

Datum ID KHB M2 Datum Elevation (DE) 640.169 m ASL



litres: 26 total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C
NW			640.192			640.127
NE			640.217			640.132
Centre			640.185			640.126
SE			640.195			640.127
SW			640.191			640.147
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Similar to other bags but with some compact patches.

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is really a mixed bag with the end of silty, loose grayish material (1005) and the beginning of a much more compact layer (which will be 1006). I noticed several layer bone fragments (including several mandibles) but preservation is still poor so they came out in small fragments. The C14 sample was at the interface between the softer, looser silt and the harder stuff.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549903						Flt sample ( )	
	549927			ZSA 744.817	3512651.556	640.139	C14 sample	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_



Map No: 7

Page

EFAP 2010

Kharaneh IV Area BSS0

Date: 14 - 6 - 10 1:10  
day month

Point provienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus
A	258747.817	3512631.556	640.139	5

NW Corner:

Top 640.192

Bottom 640.127

NE Corner:

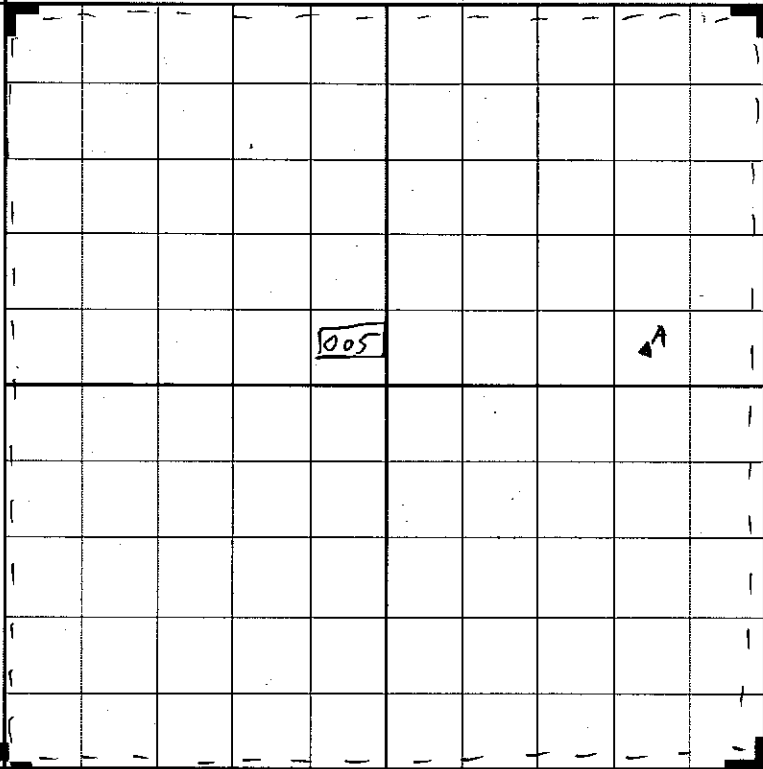
Top 640.217

Bottom 640.132

1 m

0.5 m

0 m



North



SW Corner:

Top 640.191

Bottom 640.147

SE Corner:

Top 640.195

Bottom 640.127

Centre:

Top 640.185

Bottom 640.126

Datum

KHB MZ

Height of Instrument

640.169

Checked by

Kharaneh IV Area B558

Date: 14 - 6 - 10  
d m

Bag No

Locus

Field No

Lab No

Easting 258747.817

Northing 3512631.556

Elevation \_\_\_\_\_ m asl

**Radiocarbon Sample**

Weight of Sample \_\_\_\_\_ g

Collected by: KG

Sample material: charcoal

Estimated Age of Sample 15000 BP

Basis for Age Estimate associated artifacts

Significance of sample, reason for dating

Dates new area of excavation

**Context**

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.):

Sample located on present surface  or buried  20 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides

Fertilizer

Other:

Soil matrix:

Clay

Soil

Other:

Carboniferous materials present:

Vegetation

Humus

Charcoal

Carbonates (incl. hard water)

Other

Sample context is marked on Map No. 7

Comments:

Probably shouldn't be a priority for dating.

EFAP 2010

Kharaneh IV Area B558 Exc. KG Date: 14 - 6 - 10  
d m

Bag No 8 Locus 006

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds No  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Compact layer

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size  mm

% screened

or 100% collection (flot)

Stratigraphy

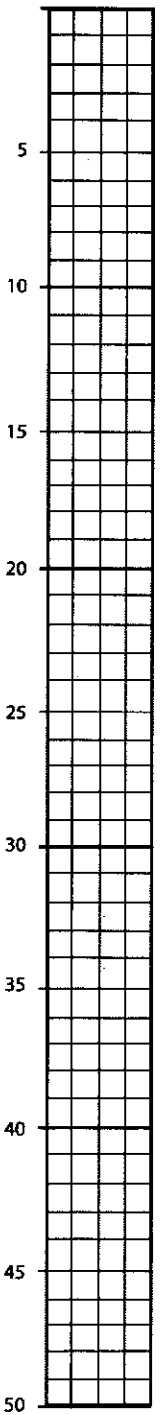
This Locus is below: 005 cut by:

equal to:  cuts:

above: 007 abuts:

Levels These readings are shown on map no. 8 drawn on 14/6/10

Datum ID KHB2 Datum Elevation (DE) 640.169 m ASL



	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			640.127			640.127	
NE			640.132			640.132	
Centre			640.126			640.126	
SE			640.127			640.127	
SW			640.147			640.147	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							



Map No: 8

Page  

EFAP 2010

Kharaneh IV Area BS58

Date: 14 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

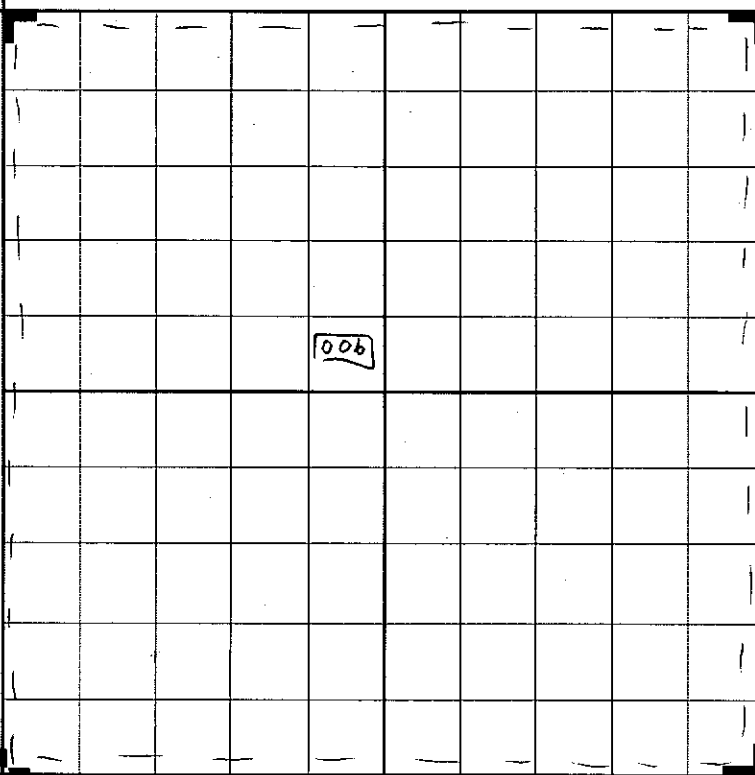
NW Corner:  
Top 640.127  
Bottom 640.127

NE Corner:  
Top 640.132  
Bottom 640.132

1 m

0.5 m

0 m



SW Corner:  
Top 640.147  
Bottom 640.147

SE Corner:  
Top 640.127  
Bottom 640.127

*Nothing actually dug today. Just levels.*

Centre:  
Top 640.126  
Bottom 640.126

Datum  
KH BM2

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area BSS8

Exc. K6

Date: 15 - 6 - 10  
d m

Bag No 9 Locus 006

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

New Day. Starting to excavate 006

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below: 005 cut by:  

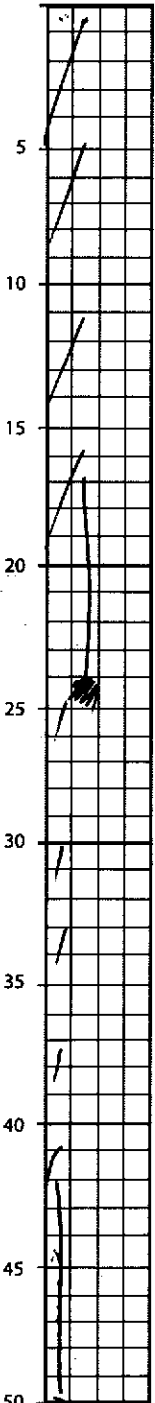
equal to:   cuts:  

above: 007 abuts:  

Levels

These readings are shown on map no. 9 drawn on 15/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 75 total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)
NW			640.127			640.102
NE			640.132			640.110
Centre			640.126			640.087
SE			640.127			640.112
SW			640.147			640.109
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for:

Provenience & Sample Tracking

Pit/Feature

Wall

Burial

<sup>14</sup>C



Map No: 9

Page  

EFAP 2010

Kharaneh IV Area BS 59

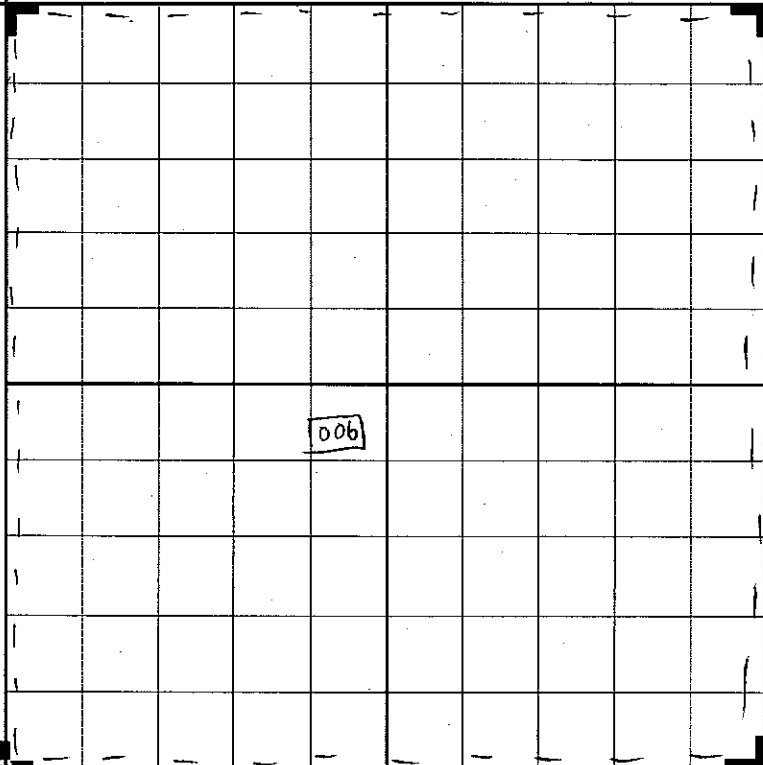
Date: 15 - 6 - 10 1:10  
day month

NW Corner:  
Top 640.127  
Bottom 640.102  
1 m

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NE Corner:  
Top 640.132  
Bottom 640.110

0.5 m  
0 m



SW Corner:  
Top 640.147  
Bottom 640.109  
Datum  
KHB M 2

Centre:  
Top 640.126  
Bottom 640.087

SE Corner:  
Top 640.127  
Bottom 640.112

Height of Instrument 640.169

Checked by



EFAP 2010

Kharaneh IV Area B558

Exc. KG

Date: 16 - 6 - 10  
d m

Bag No  
10

Locus  
006

Description  Sediment  Pit Fill  Wall  Cut/Interface    
 Finds  Lithics  Fauna  Charcoal  Shell  Ochre    
 Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

New Day

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

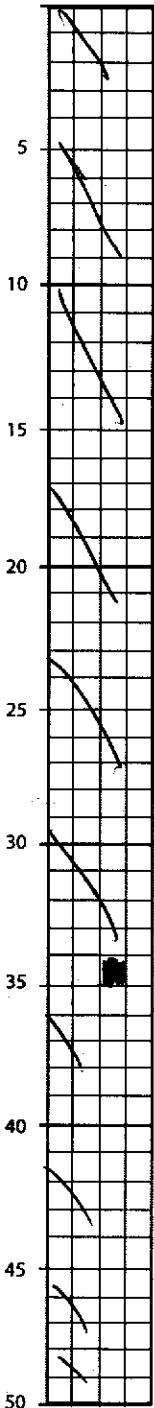
Stratigraphy

This Locus is below: 005 cut by:    
 equal to:   cuts:    
 above: 007 abuts:  

Levels

These readings are shown on map no. 10 drawn on 16 / 6 / 10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL



litres: 135 total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>
NW			640.102			639.998
NE			640.110			640.010
Centre			640.087			639.951
SE			640.112			639.998
SW			640.109			639.999
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for:

Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

10YR 5/3 charcoal flecks. Softer patches (rodent burrows?)  
 < 5% sub angular cobbles, well sorted.

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Compact layer. Sediment tends to come out as fist-sized clods that are flecked with charcoal and often small bone fragments. There are some softer patches, some of which are rodent burrows, the others were less compact. Artifacts show no preferred orientation. This appears to be a fill deposit of some kind. Not sure why all the charcoal flecks or why it is so compact.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				x	y	z (elev.)		
	549929						float sample (9)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

EFAP 2010

Kharaneh IV Area BSSB

Date: 16 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 640.102

Bottom 639.998

NE Corner:

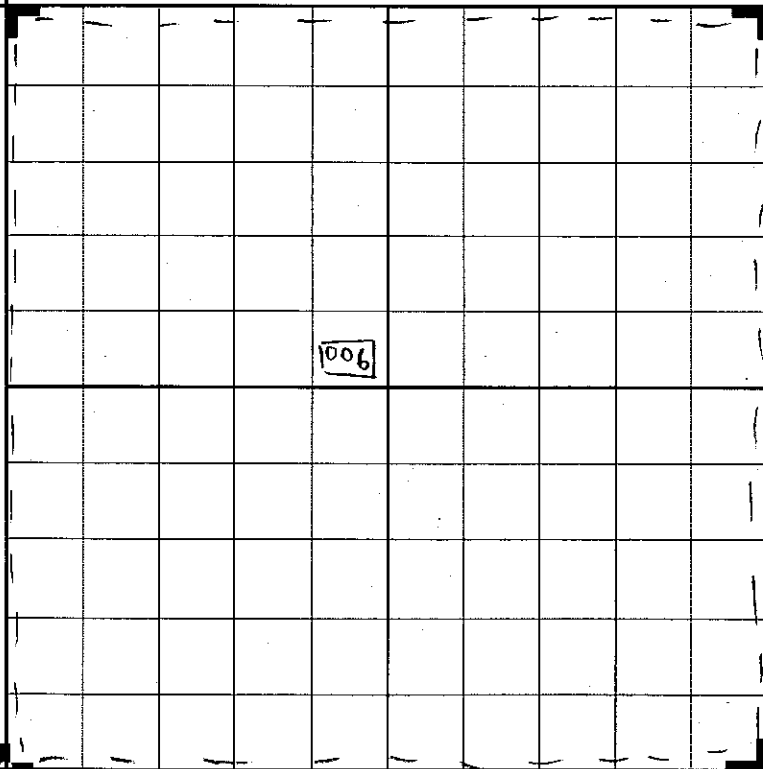
Top 640.110

Bottom 640.010

1 m

0.5 m

0 m



North



SW Corner:

Top 640.109

Bottom 639.944

SE Corner:

Top 640.112

Bottom 639.998

Centre:

Top 640.087

Bottom 639.951

Datum

KHBM 2

Height of Instrument

640.169

Checked by

EFAP 2010

Kharaneh IV Area B558 Exc. KG Date: 17 - 6 - 10

Bag No 11 Locus 006

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

New Day

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size    mm

% screened   

or 100% collection (flot)

Stratigraphy

below: 005 cut by:   

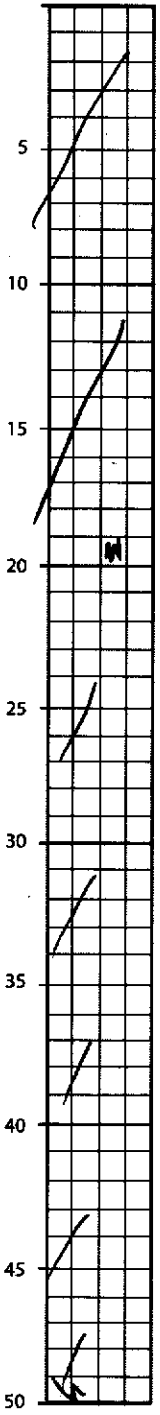
This Locus is equal to:    cuts:   

above: 007 abuts:   

Levels

These readings are shown on map no. 11 drawn on 17/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 120 total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)
NW			639.998			639.963
NE			640.010			639.910
Centre			639.951			639.831
SE			639.998			639.898
SW			639.994			639.884
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C

639.998

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

~~sediment~~ ~~texture~~ sediment texture test suggested <sup>soil</sup> ~~soil~~-Yiqun  
Slightly softer than previous bags of 1006 but otherwise the same.

**Artifact/Finds Frequency**

- Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowels/brushes)     Sterile

**Artifact/Finds Orientation**

- Random/Isotropic     Flat-Lying     Linear (long axes one orientation)     Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

**Photos**

- Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Artifacts are still randomly oriented - small ~~bone~~ chips of bone as well as some large-pieces. Noticed few retouched flints. Flecks of charcoal throughout.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549930						Flot sample (B)	

Kharaneh IV

Conservation, Registry, Flot, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

EFAP 2010

Kharaneh IV Area BS 50 Date: 17 - 6 - 10 1:10  
day month

Point provienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

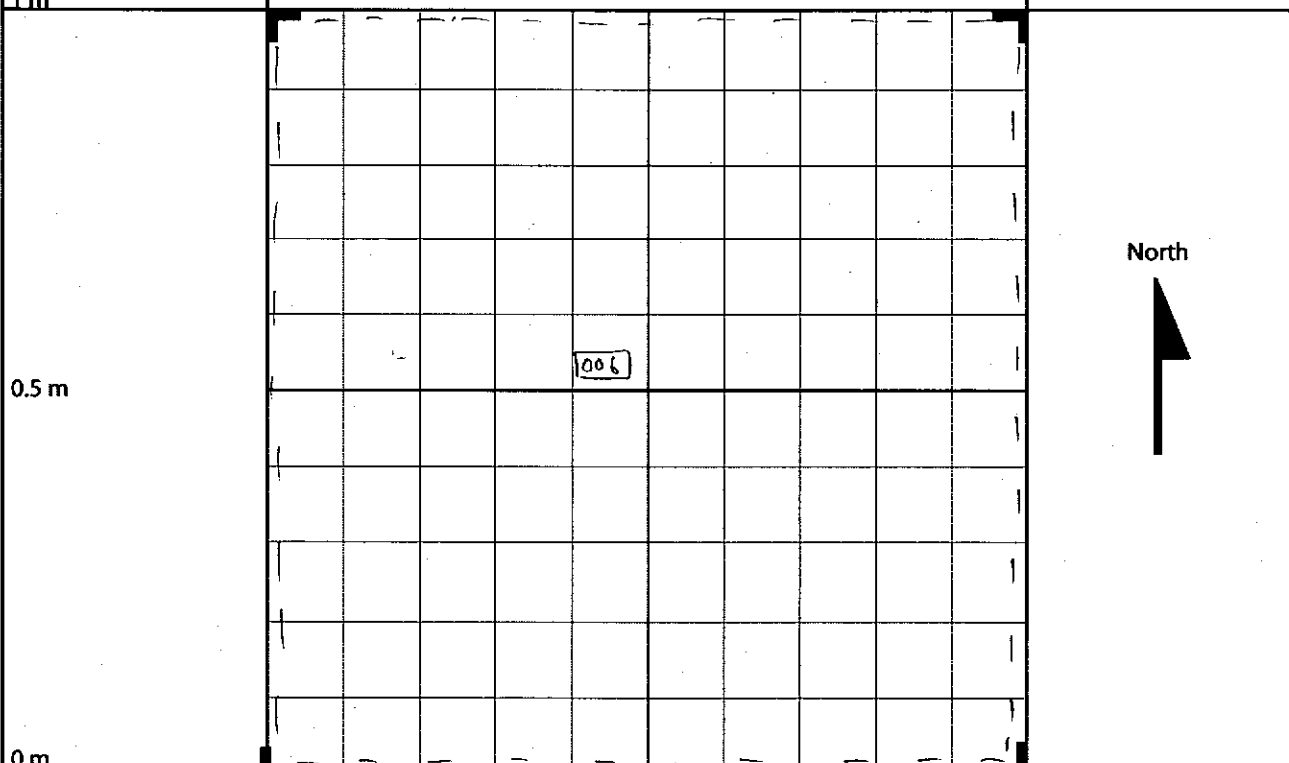
Top 639.990

Bottom ~~639.990~~  
639.963

NE Corner:

Top 640.010

Bottom ~~640.010~~  
639.910



SW Corner:

Top 639.944

Bottom 639.884

Datum

KHRM 2

Centre: 639.951

Top ~~639.951~~

Bottom 639.831

SE Corner:

Top 639.998

Bottom 639.898

**EFAP 2010**

Kharaneh IV Area B550

Exc. Kh

Date: 19 - 6 - 10  
d m

Bag No 12 Locus 007

Description  Sediment  Pit Fill  Wall  Cut/Interface  hearth

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus

*Change in sediment. Compact and pink - part of a hearth*

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below: 006 cut by:  

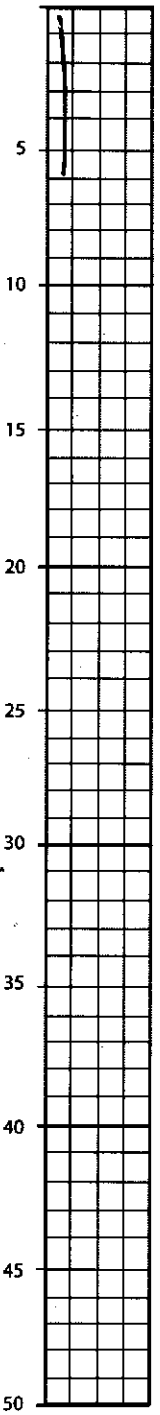
equal to:   cuts:  

above: 008 abuts:  

Levels

These readings are shown on map no. 12 drawn on 17/6/10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL



litres: 6 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW			<u>639.963</u>			<u>639.806</u>	
NE							
Centre							
SE							
SW							
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C





pink stuff

Map No: **12**

Page

**EFAP 2010**

Kharaneh IV Area **B558**

Date: **17** - **6** - 10 1:10  
day month

Point provenienced sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus
<b>A</b>			<b>639.963</b>	<b>007</b>

NW Corner:

Top **= A (639.963)**

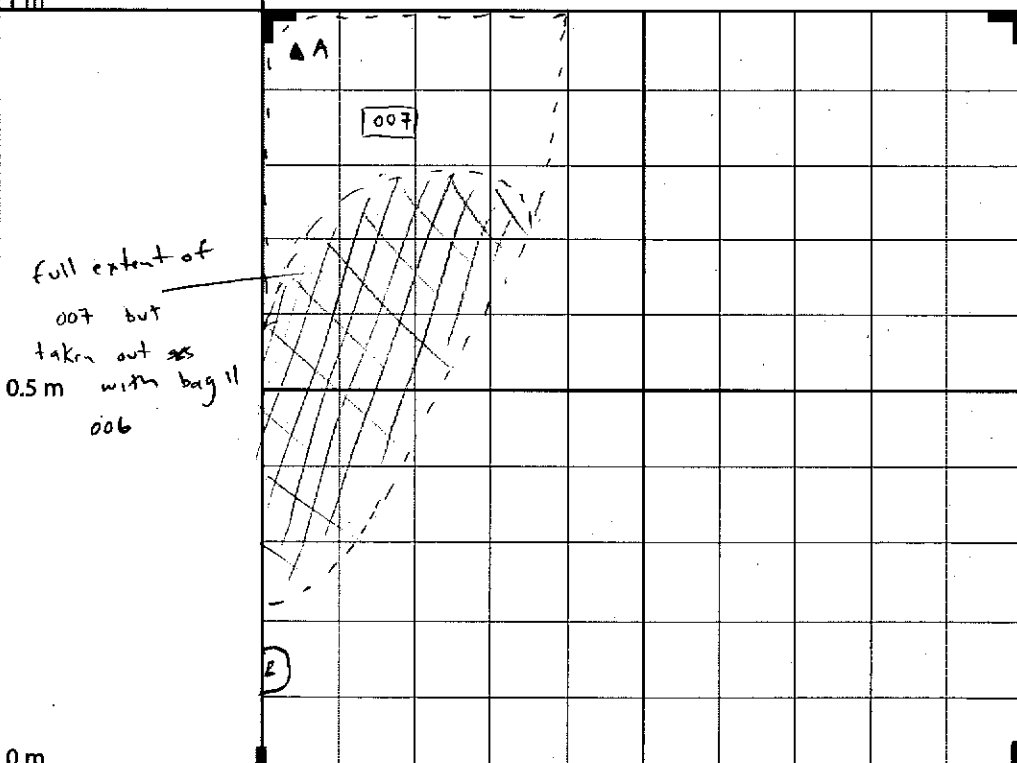
Bottom **639.886**

NE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

1 m



0 m

SW Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

SE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Centre:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Datum

**KMBP12**

Height of Instrument

Checked by

EFAP 2010

Kharaneh IV Area B558

Exc. K6

Date: 19 - 6 - 10  
d m

Bag No 13 Locus 008

Description  Sediment  Pit Fill  Wall  Cut/Interface  Heard

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus Make stratigraphically lower than 007 (or maybe 006) - Dark sediment

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below: 007 cut by:  

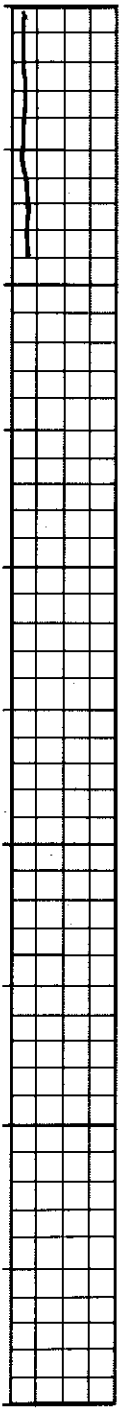
equal to:   cuts:  

above: 010 abuts:  

Levels These readings are shown on map no. 13 drawn on 17/6 / 10

Datum ID KHBM2 Datum Elevation (DE) 640.69 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW			639.886			639.839	
NE							
Centre							
SE							
SW							
A							
B				639.873			
C				639.832			639.812
D							
E							
F							
G							
H							
J							
K							



litres: 9 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Very dark brown 7.5 YR 2.5/2 . Roundness = 4 ; 5-10% density  
 sorting = 4

**Artifact/Finds Frequency**

- Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowels/brushes)  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic  Flat-Lying ?  Linear (long axes one orientation)  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Photos**

- Plan at start  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Under a patch of compact pink sediment (burned?) was a very dark, almost black, layer of burned material; likely a hearth related to the pink sediment. This black material is oob. It contains burned bone, flecks of charcoal, some small cobbles and largish flints. A horn core ~~was~~ attached to part of a gazelle(?) skull was partially in oob but extended outside the extent of the black sediment.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				x	y	z (elev.)		
	549932						flot sample (1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

EFAP 2010

Kharaneh IV Area B558 Date: 17 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus
B			639.873	
C			639.832	

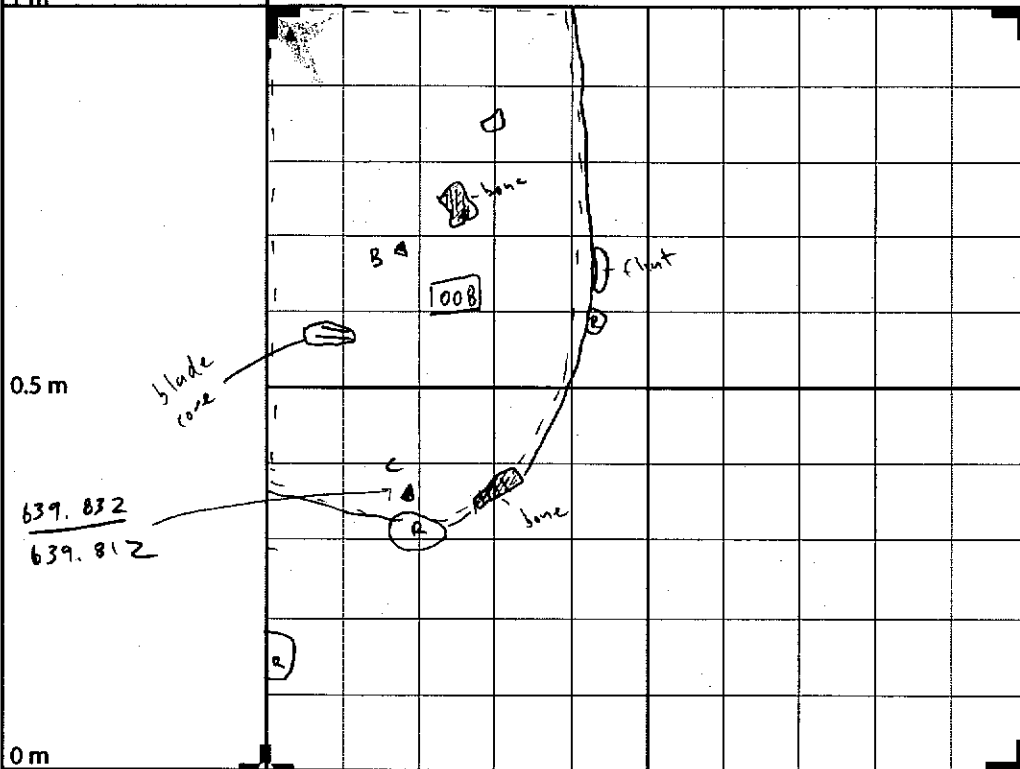
NW Corner:

Top 639.886  
 Bottom 639.839

NE Corner:

Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

1 m



0.5 m

639.832  
639.812

0 m



SW Corner:

Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

SE Corner:

Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

Centre:

Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

Datum

KHBMZ

Height of Instrument

Checked by

dank stuff

EFAP 2010

Kharaneh IV Area BS50

Exc. KG

Date: 19 - 6 - 10  
d m

Bag No

14

Locus

009

Description  Sediment  Pit Fill  Wall  Cut/Interface  \_\_\_\_\_

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus

*Adjustment to (lower?) layer 008. Lower than 008. Change to a Jewish sediment.*

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below: 008  
equal to: 010  
above: 011

cut by:    
cuts:    
abuts:  

Levels

These readings are shown on map no. 14 drawn on 19/6/10

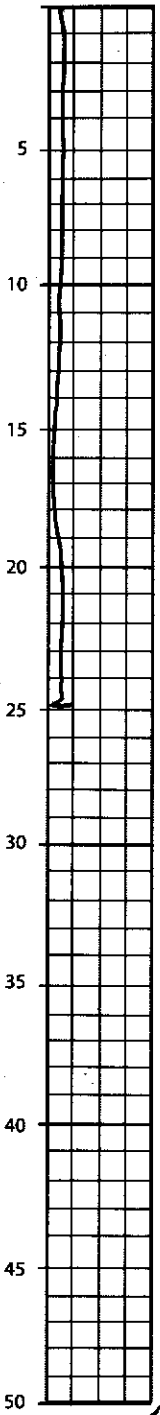
Datum ID

KMBMZ

Datum Elevation (DE)

640.169

m ASL



A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C
NW						
NE			639.910			639.831
Centre			639.831			639.802
SE			639.898			639.843
SW			639.884			639.849
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for:

Provenience & Sample Tracking

Pit/Feature

Wall

Burial

14C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

10YR 6/3, compact < 5% cobble

**Artifact/Finds Frequency**

- Very Frequent   
  **Frequent** (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Very similar to 1006. \* Boundary with west part of unit 1010 is not obvious. It seems that the hearth feature (1007, 1008, 1010) occurred in a lens of otherwise similar stuff (compact grayish sediment with flecks of char-coal). Above the hearth this is 1016, below it is 1009.  
~~This is just 009 but added by the hearth.~~

Cont'd

**Object and Sample Provenience**

oops, forgot to write down field # but based on or next to tag on wall should be: ~~54993~~ 549933

Map Ref	Field Number	Inclination	Orientation	Quadrant	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549933 (I think)					flat sample (2)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 14

Page

EFAP 2010

Kharaneh IV Area B558

Date: 19 - 6 - 10 1:10  
day month

Point provided sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.963

Bottom \_\_\_\_\_

NE Corner:

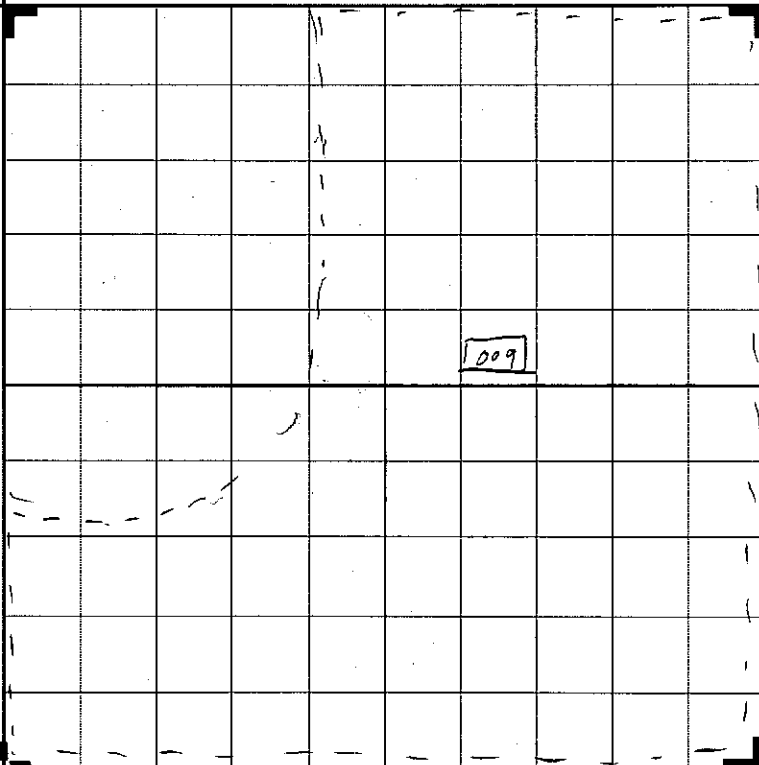
Top 639.910

Bottom 639.831

1 m

0.5 m

0 m



North



SW Corner:

Top 639.884

Bottom 639.849

SE Corner:

Top 639.898

Bottom 639.843

Centre:

Top 639.831

Bottom 639.802

Datum

KHBM2

Height of Instrument

Checked by

EFAP 2010

Kharaneh IV Area BS50

Exc. KG

Date: 20 - 6 - 10  
d m

Bag No 15 Locus 010

Description  Sediment  Pit Fill  Wall  Cut/Interface  hearth ?

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus   Brown layer under hearth

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

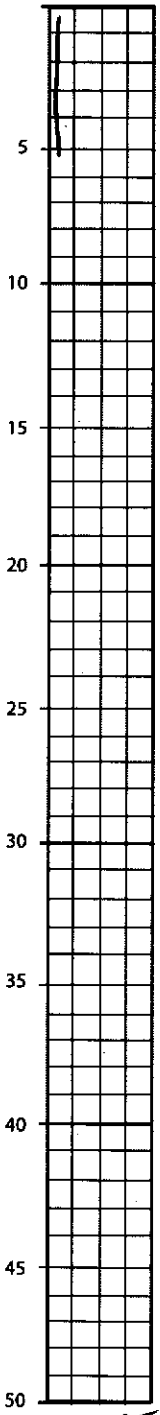
below: 000 cut by:  

This Locus is equal to:   cuts:  

above: 009 abuts:  

Levels   These readings are shown on map no. 15 drawn on 20/10/10

Datum ID KHBM 2 Datum Elevation (DE) 640.167 m ASL



litres: 5 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW			639.839				<del>SW</del> <del>SE</del> <del>NE</del> <del>639.820</del> <del>639.825</del>
NE			639.834				
Centre			639.802			639.825	
SE			639.843				
SW			639.844				
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C



**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

7.5 YR 5/3 (brown) mottled with gray, ashly stuff (10YR 6/2)  
 Feathers A few pebbles < 5/8. Flecks of charcoal.

**Artifact/Finds Frequency**

- Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowels/brushes)  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic  Flat-Lying  Linear (long axes one orientation)  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Photos**

- Plan  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is part of the hearth feature [007]-[008]. It is a brownish sediment underlying the black deposit of [008] with bits of ash and flecks of charcoal. Noticeable artifacts include a horn core. The locus is a bit patchy and wasn't a ~~cohesive~~ clear, contiguous deposit. Difficult to differentiate from [009] to the east and south. This is likely just 009 reddened by fire.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549934						float sample (1)	
C #	549935			258747.323	3512631.405	639.790	horn core	
D #	549935			258747.278	3512631.805	639.791	c14 sample	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 15

Page

EFAP 2010

Kharaneh IV Area BSSB

Date: 20 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus
A			639.807	
C	see bug sheet		639.790	
D			639.879	

NW Corner:

Top 639.839

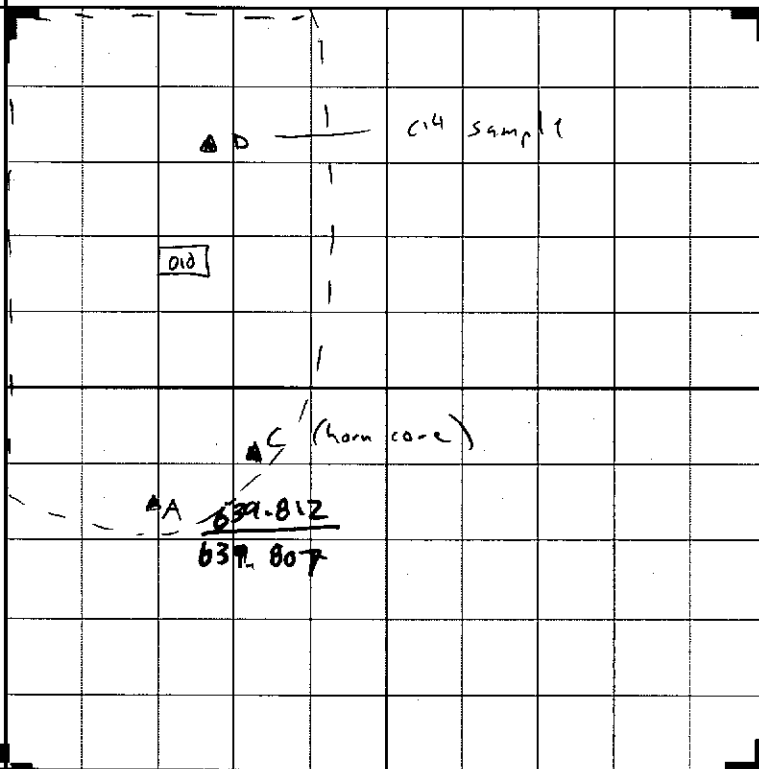
Bottom 639.825

NE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

1 m



0.5 m

North



0 m

SW Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

SE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Centre:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Datum

KHB M2

Height of Instrument

Checked by

Kharaneh IV Area B55B

Date: 20 - 6 - 10  
d m

Bag No

15

Locus

010

Field No

549936



Easting 258747.278

Northing 3512631.815

Elevation 639-791 m asl

**Radiocarbon Sample**

Weight of Sample \_\_\_\_\_ g Collected by: KL Sample material: charcoal (wood)

Estimated Age of Sample ~15,000 BP

Basis for Age Estimate Associated artifacts

Significance of sample, reason for dating

Derives from a hearth.

**Context**

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.): hearth

Sample located on present surface  or buried  ~50 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides  Fertilizer  Other: rodents

Soil matrix:

Clay  Soil  Other:

Carboniferous materials present:

Vegetation  Humus  Charcoal  Carbonates (incl. hard water)  Other

Sample context is marked on Map No. 15

Comments:

For analysis

Kharaneh IV Area BS 58

Exc. K4

Date: 20 - 6 - 10  
d m

Bag No 16 Locus 009

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Resuming excavation in the east and south part of area.

Excavation Method

hand-pick   
  trowel   
  small tools   
  brush

Mesh size    mm

% screened   

or 100% collection (flot)

Stratigraphy

This Locus is below: 010 cut by:   

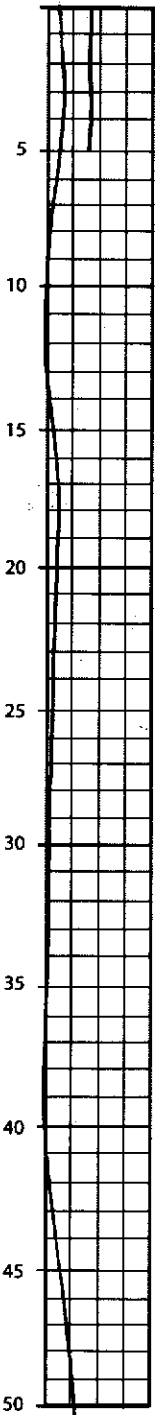
equal to:    cuts:   

above: 011 abuts:   

Levels These readings are shown on map no. 16 drawn on 20/6/10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW			639.825			639. <del>100</del> 802	
NE			639.831			639. <del>000</del> 790	
Centre			639. <del>800</del> 802			639. <del>045</del> 746	
SE			639.843			639. <del>017</del> 769	
SW			639.849			639. <del>000</del> 785	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							



litres: 55 total



Map No: 16

Page

EFAP 2010

Kharaneh IV Area B558

Date: 20 - 6 - 10 1:10  
day month

Point provided sediments				
Mapref	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.825

Bottom 639.802

NE Corner:

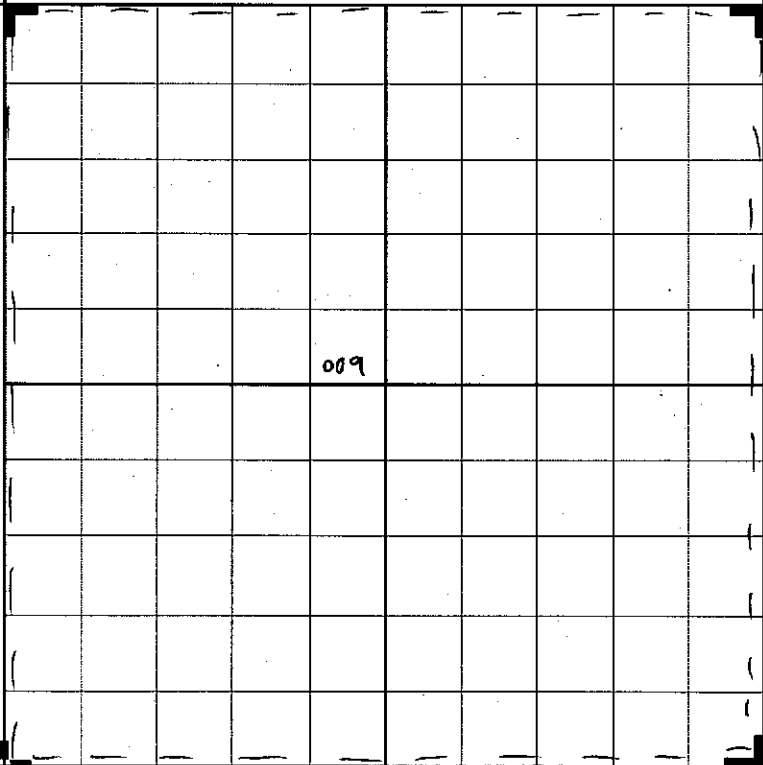
Top 639.831

Bottom 639.790

1 m

0.5 m

0 m



North



SW Corner:

Top 639.849

Bottom 639.785

SE Corner:

Top 639.843

Bottom 639.769

Centre:

Top 639.802

Bottom 639.746

Datum

KHBMZ

Height of Instrument

Checked by

EFAP 2010

Kharaneh IV Area BS58 Exc. KG Date: 20 - 6 - 10  
d m

Bag No 17 Locus 009

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Increase in cobbles

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

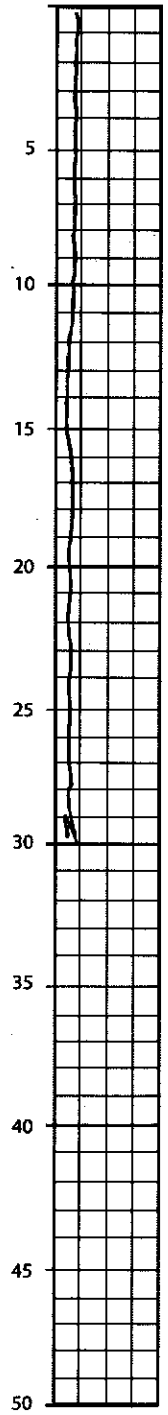
below: 010 cut by:  

This Locus is equal to:   cuts:  

above: 011 abuts:  

Levels These readings are shown on map no. 17 drawn on 20/6/10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL



A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C
NW			639.802			639.746
NE			639.790			639.732
Centre			639.746			639.723
SE			639.769			639.748
SW			639.785			639.729
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Increase in cobbles / pebbles. Sorting 2, roundness 2, density 5-10 %  
Sediment not quite as concreted.

**Artifact Finds Frequency**

- Very Frequent     **Frequent** (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowels/brushes)     Sterile

**Artifact Finds Orientation**

- Random/Isotropic**     Flat-Lying     Linear (long axes one orientation)     Overlapping/Imbricated

**Artifact Finds Association**

- Undisturbed since deposition (in situ)**     Recently Disturbed     Other (specify) \_\_\_\_\_

**Photos**

- Plan**     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

~~Continuation of~~

Continued excavating [009], compact grayish sediment w. flecks of charcoal. Main difference in this bag is the increase in cobbles and pebbles, but the sediment was not as compact. Bone preservation is better in this locus than [006].

Cont'd

**Object and Sample Provenience**

forgot to write down field number for float again but based on next tag on roll this should be it!

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549939						float sample (2)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_



EFAP 2010

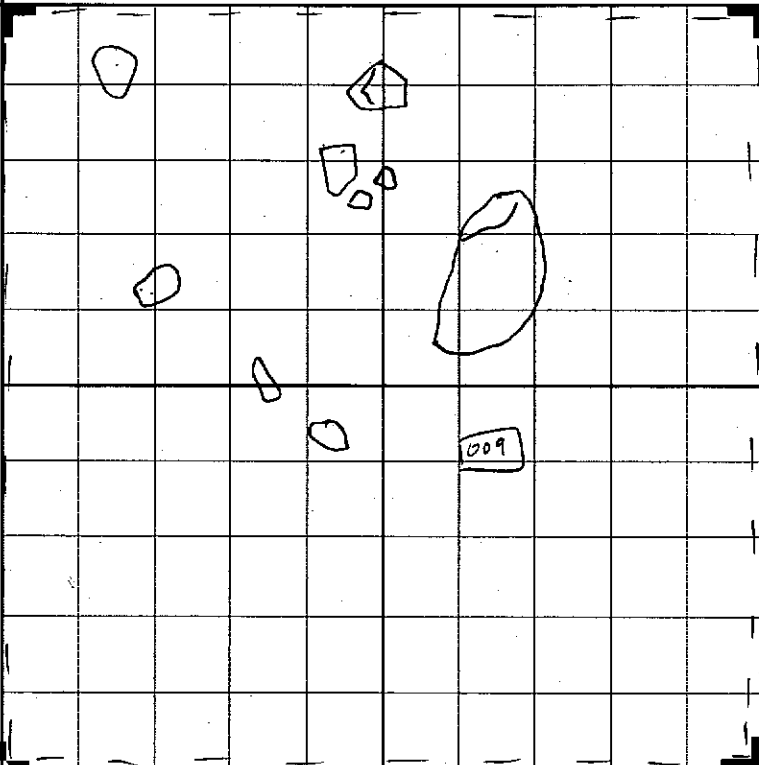
Kharaneh IV Area B550 Date: 20 - 6 - 10 1:10  
day month

NW Corner:  
Top 639.802  
Bottom 639.746  
1 m

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NE Corner:  
Top 639.790  
Bottom 639.732

0.5 m  
0 m



North  
↑

SW Corner:  
Top 639.785  
Bottom 639.729  
  
Datum  
KHOM 2

Centre:  
Top 639.746  
Bottom 639.723

SE Corner:  
Top 639.769  
Bottom 639.748

Height of instrument

640.169

Checked by

EFAP 2010

Kharaneh IV Area BSS0

Exc. KL

Date: 21 - 6 - 10  
d m

Bag No 18 Locus 011

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Major change in sediment texture in east part of trench - less compact

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size    mm

% screened   

or 100% collection (flot)

Stratigraphy

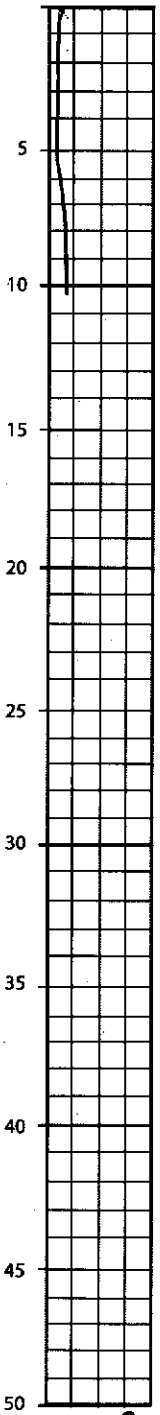
This Locus is below: 009 cut by:   

equal to:    cuts:   

above: 012/015 abuts:   

Levels These readings are shown on map no. 18 drawn on 21/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW							
NE				639.732			<del>639.732</del> 639.680
Centre							
SE							<del>639.732</del>
SW							
A							
B				639.735			639.663
C							639.677
D							
E							
F							
G							
H							
J							
K							



Map No: 18

Page  

EFAP 2010

Kharaneh IV Area B550

Date: 21 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

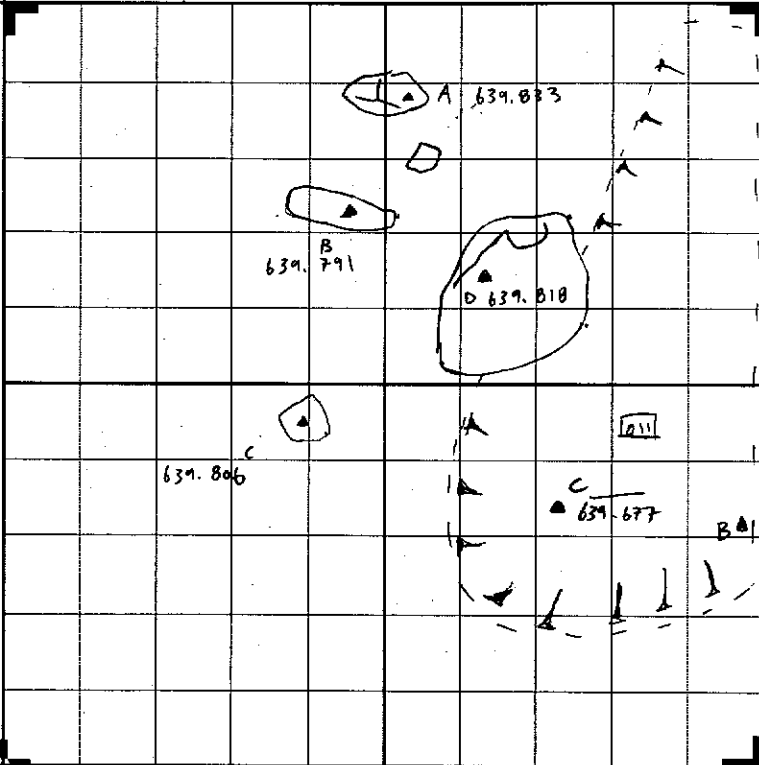
NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top 639.732  
Bottom 639.680

1 m

0.5 m

0 m



639.800

639.735  
639.663

SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

SE Corner:  
Top 639.740  
Bottom \_\_\_\_\_

Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Datum  
KHBM 2

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area B550

Exc. KH

Date: 21 - 6 - 10  
d m

Bag No 19 Locus 012

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

*compact layer - change in sediment texture*

Excavation Method

hand-pick   
  trowel   
  small tools   
  brush

Mesh size    mm

% screened   

or 100% collection (flot)

Stratigraphy

below: 011 cut by:   

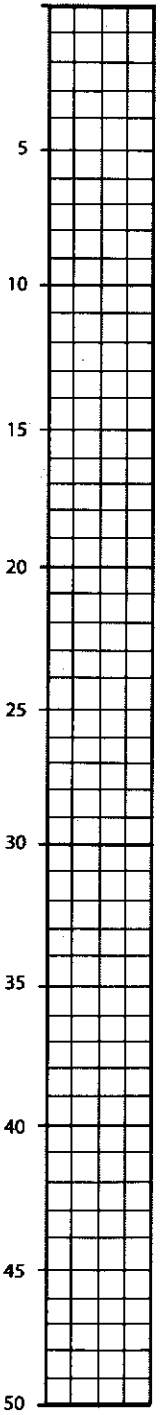
This Locus is equal to: 015 cuts:   

above: 013 abuts:   

Levels

These readings are shown on map no. 19 drawn on 21 / 6 / 10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL



	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW			639.746			639.696	
NE							
Centre			639.723			639.710	
SE							
SW			639.729			639.719	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

litres: total  
~~forgot to take~~  
*rec'd this*  
 See attached pages for:

*but I think it was 1 or 2 buckets -*

Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Compact mottled silty loam. Cobbles  
 and roundness 2; density 5-10%; sanding 4.

10YR 7/4  
 10YR 6/3  
 10YR 5/3

**Artifact/Finds Frequency**

- Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowels/brushes)     Sterile

**Artifact/Finds Orientation**

- Random/Isotropic     Flat-Lying     Linear (long axes one orientation)     Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

**Photos**

at start

- Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is a compact mottled settlement; mostly a very pale brown (yellowish) but with patches of gray, white and brown. Some limonite, blue, but no pottery. I have lost my pen. But I found another one.

Cont'd

**Object and Sample Provenience**

coordinates go with flint nodules.

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549941	25°		250797.650	3512631.660	639.810	flot sample (2)	
	549942	↓		↓	↓	↓	flint nodule	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Cont'd

Map No: 19

Page  

EFAP 2010

Kharaneh IV Area B558

Date: 21 - 6 - 10 1:10  
day month

Point provenienced sediments

Mapref	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.746

Bottom 639.696

NE Corner:

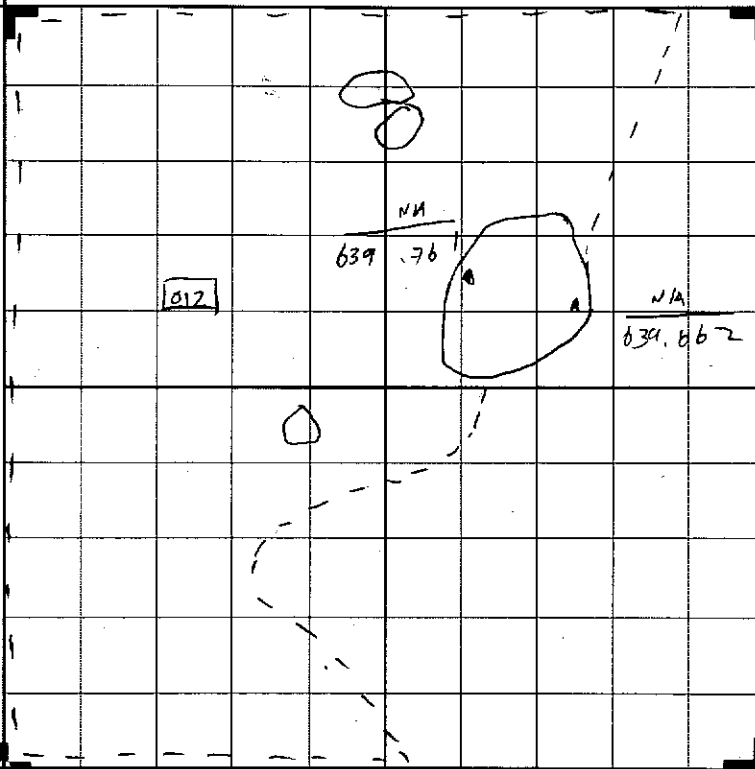
Top \_\_\_\_\_

Bottom \_\_\_\_\_

1 m

0.5 m

0 m



North



SW Corner:

Top 639.729

Bottom 639.719

SE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Centre:

Top 639.723

Bottom 639.710

Datum

KHBM2

Height of Instrument

640.169

Checked by

EFAP 2010

Kharaneh IV Area B558 Exc. K6 Date: 21 - 6 - 10  
d m

Bag No 20 Locus 011

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

Encountered another patch of 011

Excavation Method

hand-pick   
  trowel   
  small tools   
  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

below: 009 cut by:  

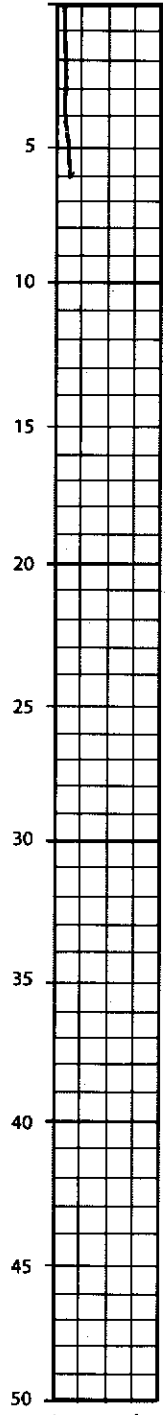
This Locus is equal to:   cuts:  

above: 012/015 abuts:  

Levels

These readings are shown on map no. 20 drawn on 21/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 6 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW							
NE							
Centre							
SE				639.748			639.697
SW							
A				639.697			639.631
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  <sup>14</sup>C



**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Slightly less loose. Not so much charcoal.

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

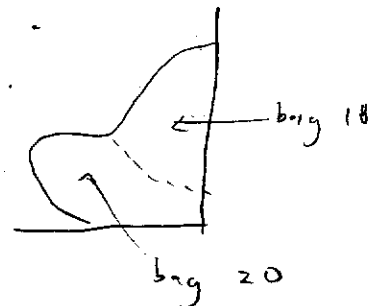
**Photos**

- Plan   
  Detail of \_\_\_\_\_   
 appears in photos for locus 012.

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is an extension of locus 1011, bag 18. It may however be a separate scoop, since taken together the two bags produce a bilobate plan. It is a bit ~~less~~<sup>more</sup> compact which is why i.e. I didn't excavate it with bag 18. Later excavations encountered a rodent tunnel entering into the level of bag 18 and 20.



Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549743						Flot sample (1)	

Map No: 20

Page

EFAP 2010

Kharaneh IV Area B550

Date: 21 - 6 - 10 1:10  
day month

Point provienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:  Top _____  Bottom _____  1 m	<p style="text-align: center;">North</p> <p style="text-align: right; margin-right: 20px;"><u>639.697</u></p>	NE Corner:  Top _____  Bottom _____
--	---	---

SW Corner:  Top _____  Bottom _____  Datum <div style="border: 1px solid black; padding: 2px; width: fit-content; margin: 5px auto;">KHBM 2</div>	<p>Centre:</p> <p>Top _____</p> <p>Bottom _____</p>	SE Corner:  Top <u>639.748</u>  Bottom <u>639.697</u>
--	---	---

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area BSSB

Exc. K5

Date: 21 - 6 - 10  
d m

Bag No 21 Locus 012

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus  
*This is what removed locus 011 - ~~It was dug into~~ ~~underneath~~*

Excavation Method

hand-pick  
  trowel  
  small tools  
  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

below: 011 cut by:  

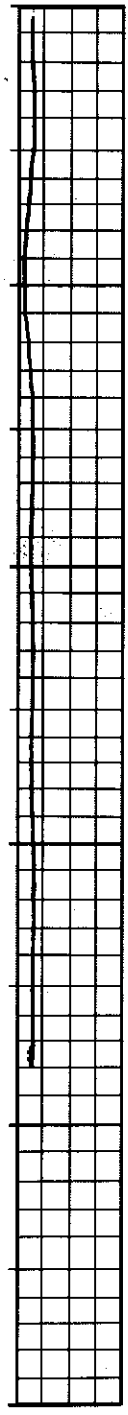
This Locus is equal to: 015 cuts:  

above: 013 abuts:  

Levels These readings are shown on map no. 21 drawn on 2/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C
NW			639.696			N/A But <del>639.665</del>
NE			639.710			639.665
Centre			<del>639.710</del>			639.674
SE						639.637
SW			639.719			639.656
* A			~ 639.732			639.648
B						639.674
C						
D	* A top reading is approximated from previous reading of NE corner.					
E						
F						
G						
H						
J						
K						



litres: 30 total



EFAP 2010

Kharaneh IV Area B558 Date: 21 - 6 - 10 1:10  
day month

NW Corner:		Point provenienced sediments				NE Corner:	
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus			

<p>Top <u>639.696</u></p> <p>Bottom <u>N/A</u>                  But <u>acc-ox</u>, <del>639.696</del>  <u>639.665</u></p>		<p><del>639.732</del> A =</p> <p>Top <u>639.732</u></p> <p>Bottom <u>639.648</u></p>
---	--	--

<p>SW Corner:</p> <p>Top <u>639.719</u></p> <p>Bottom <u>639.656</u></p> <p>Datum <span style="border: 1px solid black; padding: 2px;">KHBm2</span></p>	<p><del>639.674</del></p> <p><u>639.674</u></p> <p>Centre:</p> <p>Top <u>639.710</u></p> <p>Bottom <u>639.637</u></p>	<p>SE Corner:</p> <p>Top _____</p> <p>Bottom _____</p>
---	---	--

EFAP 2010

Kharaneh IV Area B558

Exc. K4

Date: 21 - 6 - 10  
d m

Bag No 22 Locus 013

Description  Sediment  Pit Fill  Wall  Out/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Encountered a thin layer of bone-rich deposit

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below: 012 cut by:  

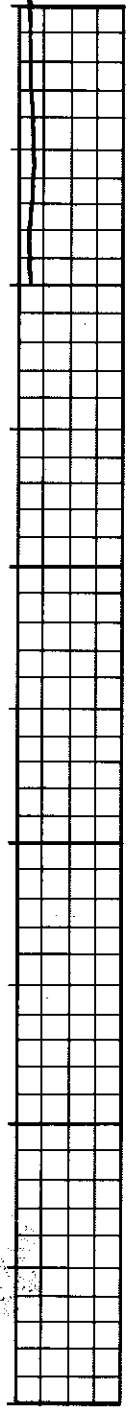
equal to:   cuts:  

above: 014 abuts:  

Levels These readings are shown on map no. 22 drawn on 21/6/10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW			~ 639.655			639.657	
NE							
Centre							
SE							
SW			670				
A			~ 639.750			639.660	
B			~ 639.670			639.663	
C							
D							
E							
F							
G							
H							
J							
K							



litres: 10 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Moderately compact silty loam.

**Artifact/Finds Frequency**

- Very Frequent   
  **Frequent**  
(every trowel/brush)   
  Average  
(every 2nd trowel/brush)   
  Rare  
(every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  **Flat-Lying**   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)**   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Same sediment as 012, but immediately above orange layer and full of bones that were lying flat on the orange layer. This ~~is~~ seems to be a mixture of sediment from locus 012 and bones from a lower locus. Or, if you like, it is that stuff that is immediately above a yellowish-coloured surface that will be excavated tomorrow (hopefully). Since I excavated through it I don't have top levels. But the locus is only about 1cm thick.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				x	y	z (elev.)		
	549945						flat sample (1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 22

Page  

EFAP 2010

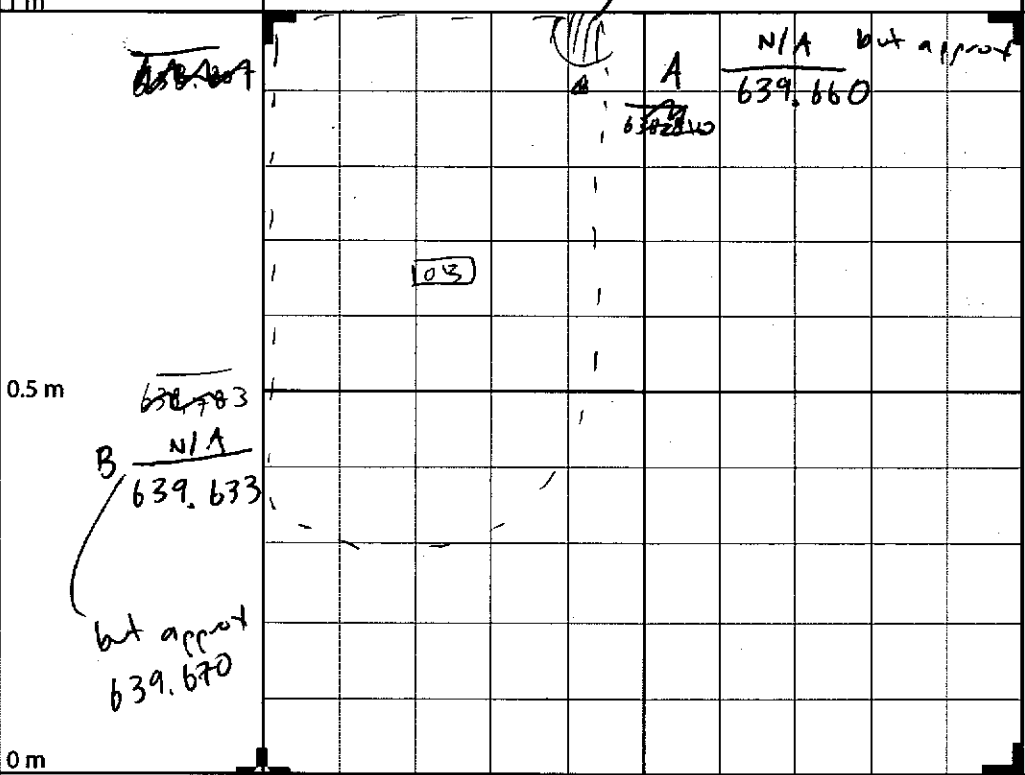
Kharaneh IV Area B558

Date: 21 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:  
Top N/A But approx 639.665  
Bottom 639.657  
1 m

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_



SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_  
  
Datum  
KHBM 2

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_  
  
Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Height of Instrument 640.169

Checked by



EFAP 2010

Kharaneh IV Area B558 Exc. K6 Date: 22 - 6 - 10  
d m

Bag No 23 Locus ~~015~~ 015

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus New Day - trying to trace orange surface yellow

Excavation Method  hand-pick  trowel  small tools  brush

Mesh size   mm  
 % screened    
 or 100% collection (flot)

Stratigraphy

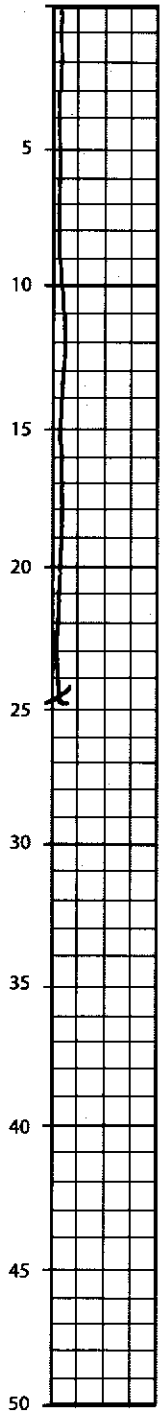
This Locus is below: ~~015~~ 011 cut by:  

equal to: 012 cuts:  

above: 013 abuts:  

Levels These readings are shown on map no. 23 drawn on 22/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 25 total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>
NW						
NE			639.624			639.565
Centre			639.587			639.568
SE			639.667			639.570
SW						
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						



Map No: 23

Page

EFAP 2010

Kharaneh IV Area B550

Date: \_\_\_ - \_\_\_ - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top 639.624  
Bottom 639.565

1 m

0.5 m

0 m

639.605

rodent hole



015



SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

639.650

SE Corner:  
Top 639.667  
Bottom 639.570

Datum  
KHBM 2

Centre:  
Top 639.587  
Bottom 639.560

Height of Instrument

Checked by

EFAP 2010

Kharaneh IV Area BSS6 Exc. K6 Date: 22 - 6 - 10  
d m

Bag No 24 Locus 013

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

*New Day*

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm  
 % screened    
 or 100% collection (flot)

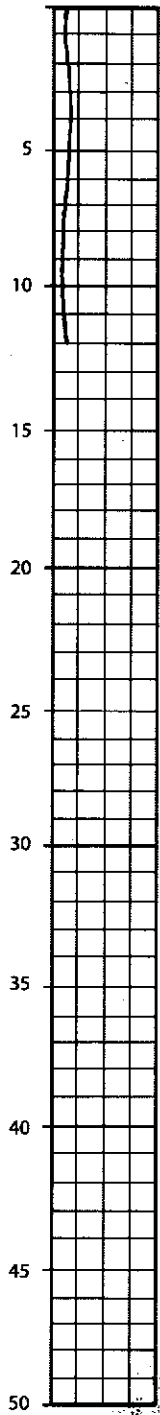
Stratigraphy

This Locus is below: 012 / 015 cut by:    
 equal to:   cuts:    
 above: 014 abuts:  

Levels

These readings are shown on map no. 24 drawn on 22/6/10

Datum ID KHBMZ Datum Elevation (DE)   m ASL



litres: 12 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW							
NE							
Centre							
SE							
SW				<u>639.650</u>			<u>639.602</u>
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of surface

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

~~After~~ Yesterday I encountered a yellow/orangish surface in the NW part of the 1x1m area (locus 014). Today I started by ~~try~~ trying to trace it across the area. Did not continue to the east but did continue in the SW corner. This bag is the grayish sediment immediately above the surface and contains artifacts (mostly bone) that should be taken as belonging to that surface. Unfortunately the surface was not robust enough to survive ~~the~~ brushing in the NW part of the unit so ~~the~~ photos only show the SW part (i.e. bag 24)

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant		z (elev.)	Object or Material (#bags/buckets)	Analysis
				x	y			
	549947						flat sample(1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 24

Page

EFAP 2010

Kharaneh IV Area B558

Date: 22 - 6 - 10 1:10  
day month

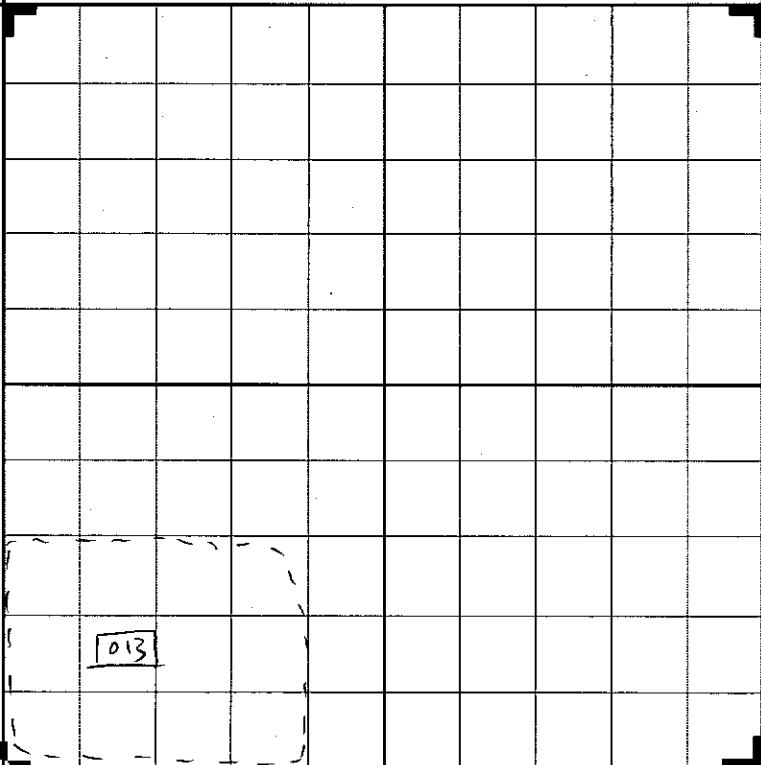
NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

1 m

0.5 m  
0 m



SW Corner:  
Top 639.650  
Bottom 639.602  
  
Datum  
KHBM2

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_  
  
Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Height of Instrument

Checked by

**EFAP 2010**

Kharaneh IV Area B550 Exc. K4 Date: 22 - 6 - 10  
d m

Bag No ~~25~~  
25 Locus 014

Description  Sediment  Pit Fill  Wall  Cut/Interface  Surface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus yellow surface

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size  mm

% screened

or 100% collection (flot)

Stratigraphy

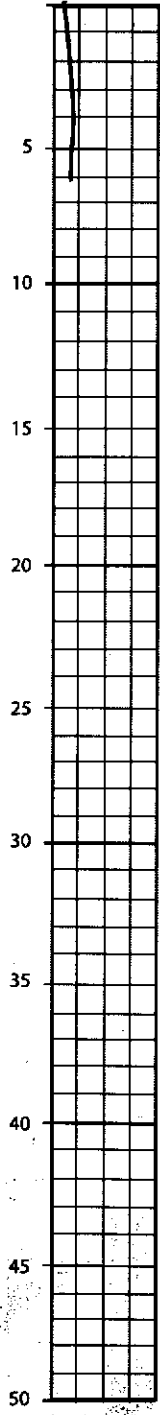
This Locus is below: 013 cut by:

equal to:  cuts:

above:  abuts:

Levels These readings are shown on map no. 25 drawn on 22/6/10

Datum ID KH BM 2 Datum Elevation (DE) 640.169 m ASL



litres: 6 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW							
NE							
Centre							
SE							
SW				639.602			639.573
A				639.566			639.549
B				639.573			639.563
C				639.591			639.578
D				639.638			
E							
F							
G							
H							
J							
K							

(very pale brown)

Soil Properties

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

104R 8/4 yellow, little charcoal no stones, bones lying directly above it

Artifact/Finds Frequency

- Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowels/brushes)  Sterile

Artifact/Finds Orientation

- Random/Isotropic  Flat-Lying  Linear (long axes one orientation)  Overlapping/Imbricated

Artifact/Finds Association

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

Photos

- Plan  Detail of Surface

Detailed Description and Comments

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is a thin surface of yellow silt. Abundant bone was found directly above it (taken as locus 013) and some ~~are~~ slightly embedded in the surface (taken as locus 014 = the surface itself). The yellow surface was first encountered at the end of 21/6/10, ~~unfortunately today~~ in the NW part of the 1x1m area. Unfortunately, over night it dried out and ~~it~~ when clearing this morning it could not be saved as it turned out to be quite thin. This only ~~part~~ part in the SW part of the area was the surface able to be investigated properly.

Object and Sample Provenience

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549963						flint sample (1)	
	549948	90°	135°	.137	.095	.590	flint	
	549949	80°	60°	.089	.500	.592	bones (articulated)	
	549950	90°	135°	.406	.297	.637	rock	
	549951	90°	N/A	.332	.196	.556	bone (pelvis)	
	549952	90°	170°	.400	.376	.566	bone by rock	
	549953	90°	10°	.179	.300	.571	bone long	
	549954	90°	110	.115	.437	.578	bone scap	
	549955	80°	N/A	.342	.047	.601	flint	
	549956	90°	45°	.063	.265	.590	tooth	

Kharaneh IV.

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_  Cont'd

258747 -  
3512631 -



EFAP 2010

Kharaneh IV Area BSSB

Date: 22 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

*original extent  
of 014 - ~~2000~~*

1 m

0.5 m

0 m

639.545

639.565

639.591  
639.578

639.638

639.573  
639.563

rock

014

bag 25

North



SW Corner:  
Top 639.602  
Bottom 639.602  
573

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Datum  
KHBM2

Centre: 639.566  
639.549  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

639.590

Height of Instrument

Checked by

rock 639.638



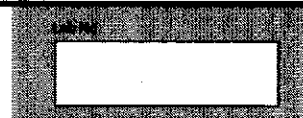
Kharaneh IV Area BSG8

Date: 22 - 6 - 10  
d m

Bag No  
 25

Locus  
 014

Field No  
 549957



Easting 250747.179

Northing 3512631.306

Elevation 631.571 m asl

**Radiocarbon Sample**

Weight of Sample \_\_\_\_\_ g Collected by: KL Sample material: charcoal?

Estimated Age of Sample 15,000

Basis for Age Estimate associated artifacts

Significance of sample, reason for dating

will date a surface.

**Context**

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.):

Sample located on present surface  or buried  75 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides  Fertilizer  Other:

Soil matrix:

Clay  Soil  Other:

Carboniferous materials present:

Vegetation  Humus  Charcoal  Carbonates (incl. hard water)  Other

Sample context is marked on Map No. 25

Comments:

This is a little bit of black stuff that might be charcoal. It ~~is~~ came ~~from~~ from sediment immediately beside a bit of bone (# 549953)

**EFAP 2010**

Kharaneh IV Area BSSB

Exc. KG

Date: 23 - 6 - 10  
d m

Bag No  
26

Locus  
016

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus New Day. Excavating ~~area~~ ~~area~~ below ~~area~~ east of the surface (016).

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below:   cut by:  

equal to:   cuts:  

above:   abuts:  

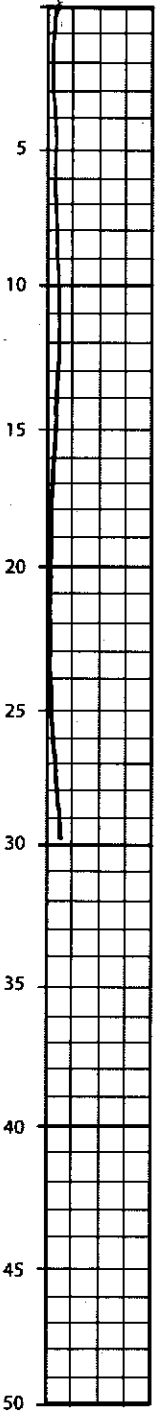
Levels These readings are shown on map no. 26 drawn on 23/6/10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW			639.595			639.604	*
NE			639.565			639.612	*
Centre			639.560			639.561	*
SE			639.570			639.555	
SW			639.573			639.618	*
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

Levels don't make sense, I think it is the top levels that are wrong.

digging etc.



litres: 30 total



Map No: 26

Page

EFAP 2010

Kharaneh IV Area BSSO

Date: 23 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.595  
Bottom 639.604  
639.604

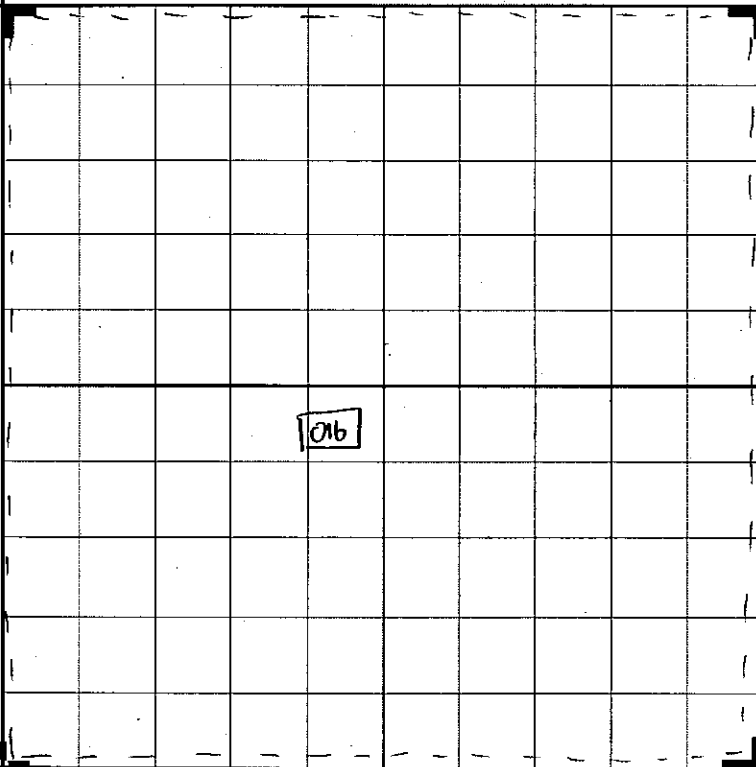
NE Corner:

Top 639.565  
Bottom 639.612  
639.612

1 m

0.5 m

0 m



SW Corner:

Top 639.573  
Bottom 639.618  
639.618

C14 E 831  
N 063  
W 486

Centre:

Top 639.560  
Bottom 639.561 \*  
639.561

SE Corner:

Top 639.570  
Bottom 639.555  
639.555

Datum

NHSM 2

*bottom pt. 416  
top pt. 555*

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area BSS8

Exc. K4

Date: 23 - 6 - 10  
d m

Bag No 27 Locus 018

Description  Sediment  Pit Fill?  Wall  Cut/interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

*Pit feature?*

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size  mm

% screened

or 100% collection (flot)

Stratigraphy

This Locus is below:  cut by:

equal to:  cuts:

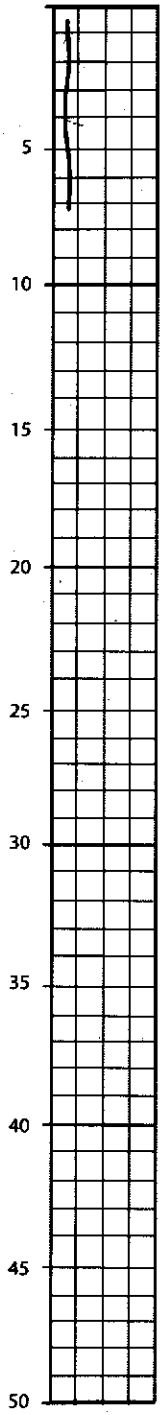
above:  abuts:

Levels

These readings are shown on map no. 27 drawn on 23 / 6 / 10

*levels with different prism.*

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL



litres: 7 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW							
NE							
Centre							
SE				<u>639.555</u>			<u>639.461</u>
SW							
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Like 010 but more charcoal and slightly less compact.

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

No, but the dug out feature can be seen in photos for 017.  
 Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

When tracing the "surface" of 017 I noticed that it <sup>slie. when digging</sup> started to dip into the S.E. corner. At first I thought it was just an uneven surface. However, it might actually be part of a shallow pit. So I kept the sediment separate and called it 018. ~~otherwise~~ it was similar in texture <sup>colour</sup> to 010, but slightly softer with abundant charcoal. Some kept for C14

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				x	y	z (elev.)		
	549966						float sample (1)	
	549965			.831	.063	639.486	C14 sample	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_



Map No: 27

Page

EFAP 2010

Kharaneh IV Area 018

Date: 23 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

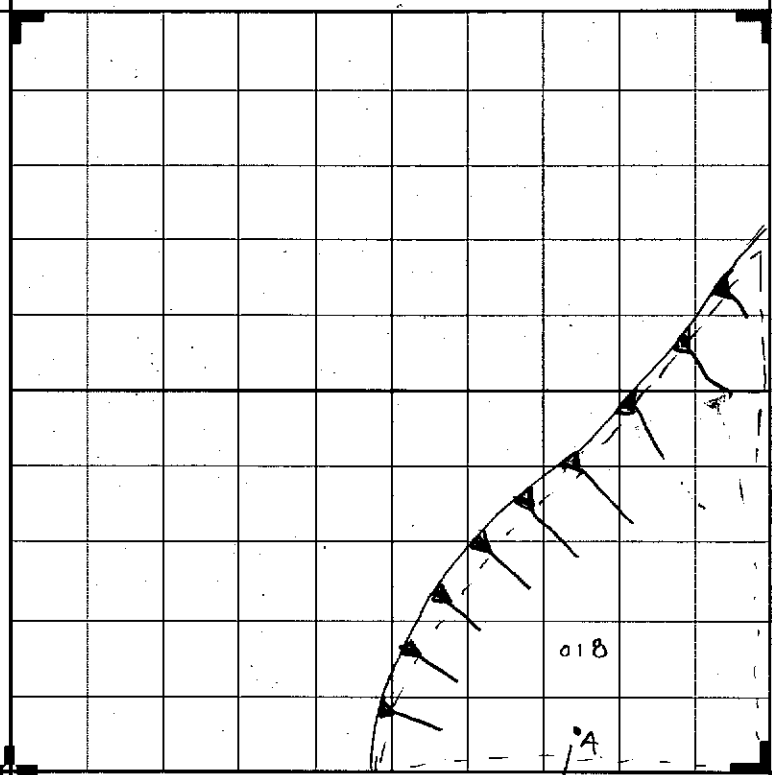
NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

1 m

0.5 m

0 m



SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

SE Corner:  
Top 639.555  
Bottom 639.461

Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Datum  
KHBMZ

*T* used mini-prism

*- problem with levels today or yesterday*

Height of Instrument

Checked by

Kharaneh IV Area BSSB

Date: 23 - 6 - 10  
d m

Bag No

27

Locus

018

Field No

549965

Altitude

Easting 258747.831

Northing 3512631.063

Elevation 639.486 m asl

**Radiocarbon Sample**

Weight of Sample \_\_\_\_\_ g

Collected by: KG

Sample material: charcoal

Estimated Age of Sample 15,000

Basis for Age Estimate associated artifacts

**Significance of sample, reason for dating**

Comes from a possible pit

**Context**

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.):

Sample located on present surface  or buried  80 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides  Fertilizer  Other:

Soil matrix:

Clay  Soil  Other:

Carboniferous materials present:

Vegetation  Humus  Charcoal  Carbonates (incl. hard water)  Other

Sample context is marked on Map No. 27

**Comments:**

EFAP 2010

Kharaneh IV Area B558 Exc. K4 Date: 23 - 6 - 10  
d m

Bag No 28 Locus 017

Description  Sediment  Pit Fill  Wall  Cut/Interface  \_\_\_\_\_

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus Change in sediment colour

Excavation Method   Mesh size   mm

hand-pick  trowel  small tools  brush

% screened  

or 100% collection (flot)

Stratigraphy

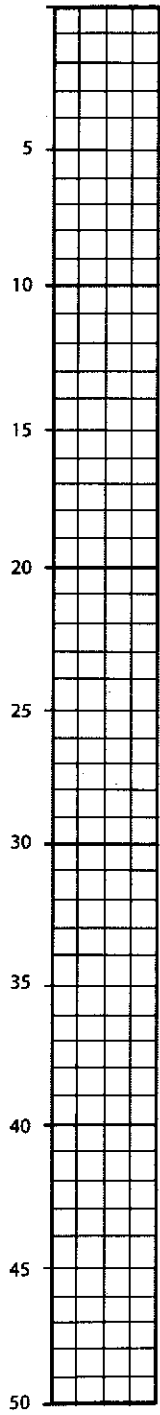
This Locus is below:   cut by:  

equal to:   cuts:  

above:   abuts:  

Levels   These readings are shown on map no. 28 drawn on 23/6/10

Datum ID K4B M 2 Datum Elevation (DE) 640.169 m ASL



	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			639.604			639.519	
NE			639.612			639.587	
Centre			639.561			639.491	
SE			<del>639.555</del>				
SW			639.618			639.528	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

litres: 25 total  
*(I think; forget)*

See attached pages for:  
*to write it down in the field).*

Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C



Map No: 28

Page

EFAP 2010

Kharaneh IV Area B558

Date: 23 - 6 - 10 1:10  
day month

Point provided sediments				
Mapref	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.604

Bottom 639.519

NE Corner:

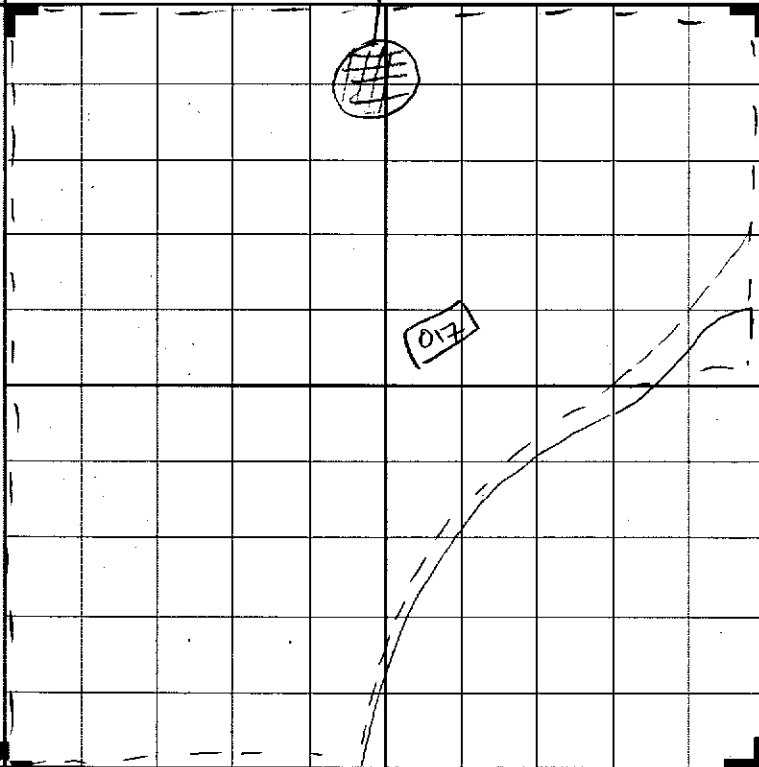
Top 639.612

Bottom 639.587

1 m

0.5 m

0 m



North



SW Corner:

Top 639.618

Bottom 639.528

SE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Datum

KHBM2

Centre:

Top 639.561

Bottom 639.491

Height of Instrument

640.169

Checked by

EFAP 2010

Kharaneh IV Area BSSB

Exc. K4

Date: 24 - 6 - 10  
d m

Bag No 29 Locus 017

Description:  Sediment  Pit Fill  Wall  Cut/Interface

Finds:  Lithics  Fauna  Charcoal  Shell  Ochre

Samples:  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus New Day

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below:   cut by:  

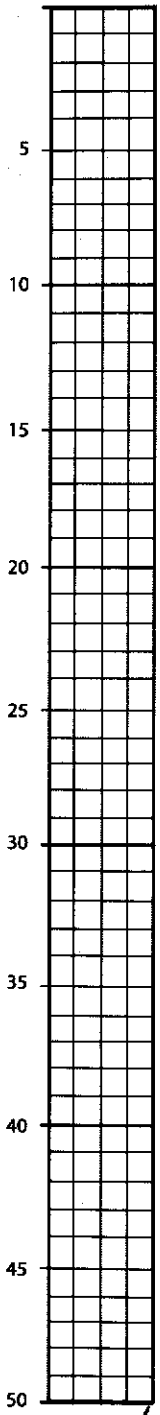
equal to:   cuts:  

above:   abuts:  

Levels These readings are shown on map no. 29 drawn on 24/6 / 10

Datum ID KHAMZ Datum Elevation (DE) 640.169 m ASL

Map Ref	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			639.519			639.471	
NE			639.587			639.577	
Centre			639.491				
SE							
SW			639.528			639.444	
A			639.530			639.520	
B							
C							
D							
E							
F							
G							
H							
J							
K							



25 litres: 15 total



Map No: 29

Page

EFAP 2010

Kharaneh IV Area RS58

Date: 24 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

<p>NW Corner:</p> <p>Top <u>639.519</u></p> <p>Bottom <u>639.471</u></p>	<p style="text-align: right;">North ↑</p>	<p>NE Corner:</p> <p>Top <u>639.587</u></p> <p>Bottom <u>639.577</u></p>
--	---	--

<p>SW Corner:</p> <p>Top <u>639.528</u></p> <p>Bottom <u>639.444</u></p> <p>Datum</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">KHBM2</div>	<p>Centre: <u>491</u></p> <p>Top <u>639.512</u></p> <p>Bottom _____</p>	<p>SE Corner:</p> <p>Top _____</p> <p>Bottom _____</p>
--	---	--

Height of Instrument 640.169

Checked by



EFAP 2010

Kharaneh IV Area RSSB

Exc. KS

Date: 24 - 6 - 10  
d m

Bag No 30 Locus 019

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus change in sediment colour

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below:   cut by:  

equal to:   cuts:  

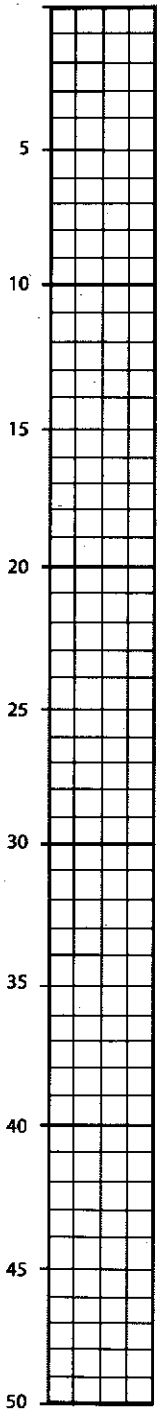
above:   abuts:  

Levels These readings are shown on map no. 50 drawn on 24/6/10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW			639.471			639.466	
NE							
Centre						639.431	
SE							
SW			639.444			639.445	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

\* digging up



litres: 20 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

1048  
6/3 Silty, gray deposit, mottled w yellow stuff (same as locus 017). < 5% stone, moderately compact (easily trowelable).

**Artifact Finds Frequency**

- Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowels/brushes)     Sterile

**Artifact/Finds Orientation**

- Random/Isotropic     Flat-Lying     Linear (long axes one orientation)     Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

**Photos**

- Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Thin layer of grayish sediment ~~in between~~ yellow layers underlying locus 017. Flecks of charcoal.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549969						flat samp/p (2)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C     Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 30

Page

EFAP 2010

Kharaneh IV Area B55B

Date: 24-6-10 1:10  
day month

Point provenienced sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.471

Bottom 639.466

NE Corner:

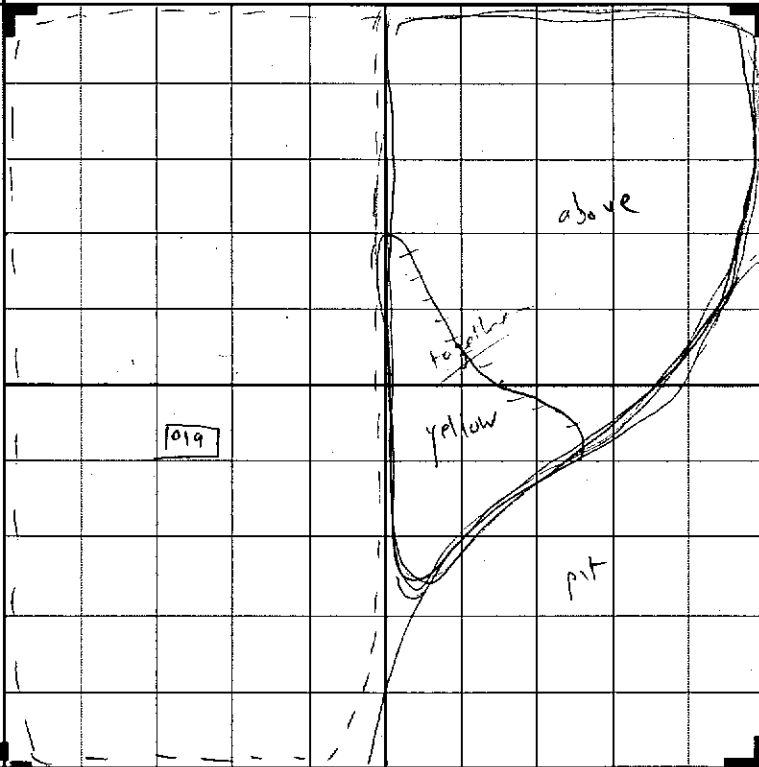
Top \_\_\_\_\_

Bottom \_\_\_\_\_

1 m

0.5 m

0 m



North



SW Corner:

Top 639.444

Bottom 639.445 \*

SE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Datum

KHBM2

Centre:

Top \_\_\_\_\_

Bottom 639.431

Height of Instrument

Checked by

EFAP 2010

Kharaneh IV Area BSSB

Exc. KG

Date: 24 - 6 - 10  
d m

Bag No 31 Locus 020

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Excavating in NE part of unit

Excavation Method  hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

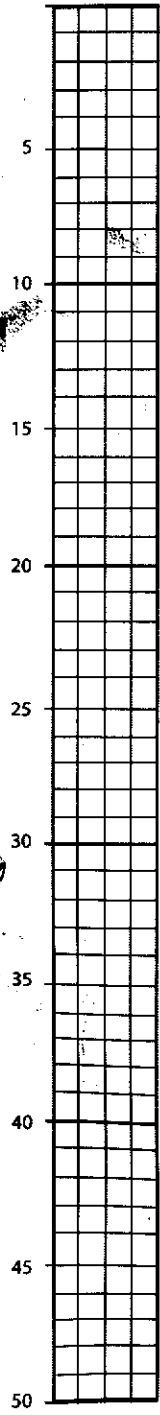
Stratigraphy  below: ~~017~~ cut by:  

This Locus is equal to:   cuts:  

above: 017 abuts:  

Levels These readings are shown on map no. 31 drawn on 24/6/10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL



Map Ref	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW							
NE			639.577			639.442	
Centre							
SE							
SW						639.435	
A			639.520			639.435	
B							
C							
D							
E							
F							
G							
H							
J							
K							

litres: 11 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Grayish, moderately compact sediment. < 5% stones.  
 Some charcoal. Ashy patches. 10 YR 6/2

**Artifact/Finds Frequency**

- Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowels/brushes)     Sterile

**Artifact/Finds Orientation**

- Random/Isotropic     Flat-Lying     Linear (long axes one orientation)     Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

**Photos**

- Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

~~Plus~~ The square is starting to get challenging, I thought this was sediment below 017 (yellow stuff) ~~be~~ and part of locus 019. However, upon digging it out I hit another patch of yellow stuff underneath. I think I chose poorly ~~on~~ when deciding how to proceed yesterday, I now believe that part of what I called 017 was actually a higher locus (the part in the NE corner). Thus the unit doesn't slope as much as I thought. ~~So~~ What I was calling 017 was lighter  Cont'd

**Object and Sample Provenience**

in this area so likely was something different.

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				or x	y	z (elev.)		
	549973						flat sample (1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 31

Page

EFAP 2010

Kharaneh IV Area B558

Date: 24 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

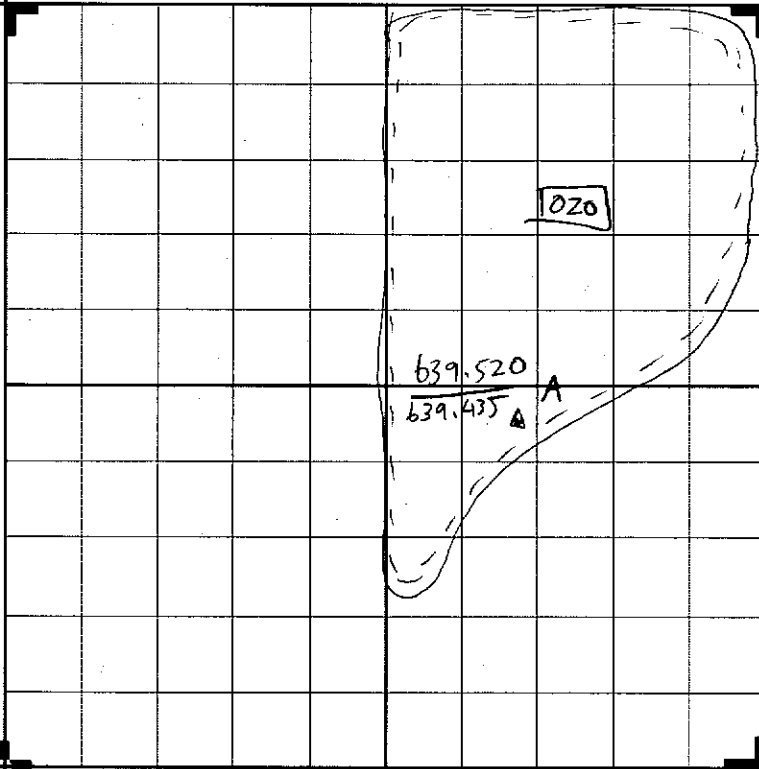
NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top 639.577  
Bottom 639.442

1 m

0.5 m

0 m



SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Datum  
KHBMZ

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area BSS8

Exc. K4

Date: 24 - 6 - 10  
d m

Bag No 32 Locus 021

Description  Sediment  Pit Fill?  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus   tracing yellow stuff in pit(?) 018

Excavation Method  

hand-pick  
  trowel  
  small tools  
  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy  

This Locus is

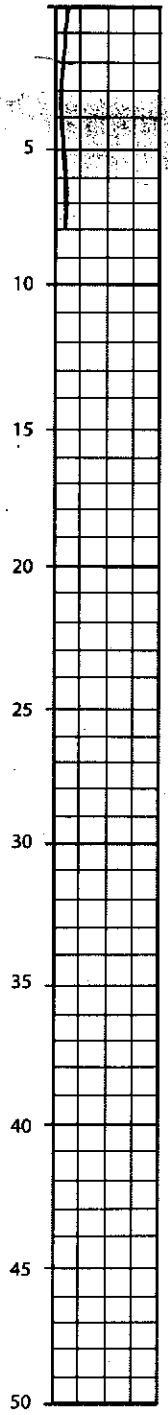
below:   cut by:  

equal to:   cuts:  

above:   abuts:  

Levels   These readings are shown on map no. 32 drawn on 24/6/10

Datum ID KHBM 2 Datum Elevation (DE) 640.169 m ASL



litres: 8 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW							
NE							
Centre							
SE			<u>639.461</u>			<u>639.349</u>	
SW							
A						<u>639.435</u>	
B							
C							
D							
E							
F							
G							
H							
J							
K							





Map No: 32

Page

EFAP 2010

Kharaneh IV Area B558

Date: 24 - 6 - 10 1:10  
day month

Point provenienced sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

639.466

1 m

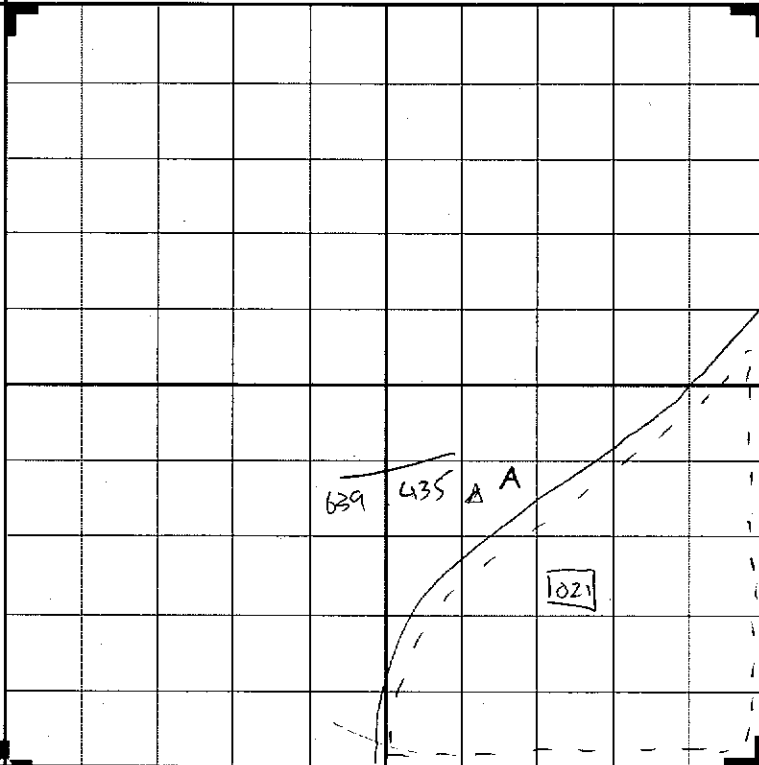
NE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

639.442

0.5 m



North



0 m

SW Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

639.445

Datum

KHBM2

Centre:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

639.431

SE Corner:

Top \_\_\_\_\_

Bottom 639.349

639.349

Height of Instrument

640.169

Checked by

**EFAP 2010**

Kharaneh IV Area BSS8 Exc. K4 Date: 26 - 6 - 10  
d m

Bag No 33 Locus 023

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Removing remaining bit of yellow stuff

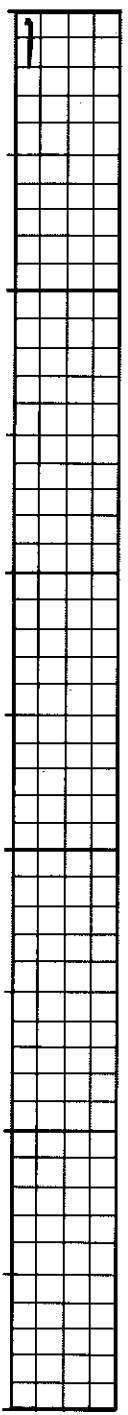
Excavation Method  hand-pick  trowel  small tools  brush

Mesh size   mm  
 % screened    
 or 100% collection (flot)

Stratigraphy

This Locus is below:   cut by:    
 equal to:   cuts:    
 above:   abuts:  

Levels These readings are shown on map no. 33 drawn on 26/6/10  
 Datum ID KHB M 2 Datum Elevation (DE) 640.169 m ASL



litres: 2 total

Map Ref	Top Levels			Bottom Levels		
	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)
NW						
NE						
Centre						
SE						
SW						
A			<u>639.432</u>			<u>639.413</u>
B						
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  <sup>14</sup>C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

107R 7/4 no stones silty loam. - same as other yellow layer.

**Artifact/Finds Frequency**

- Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowels/brushes)     Sterile

**Artifact/Finds Orientation**

- Random/Isotropic     Flat-Lying     Linear (long axes one orientation)     Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

**Photos**

- Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is actually a small patch of yellow stuff that should be equal to the other yellow stuff (stratigraphically speaking). ~~but it is not~~ its characteristics are the same.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				or x	y	z (elev.)		
	549976						flat sample (1)	

Map No: 33

Page

EFAP 2010

Kharaneh IV Area BS58

Date: 26 - 6 - 10 1:10  
day month

Point provided sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

NE Corner:

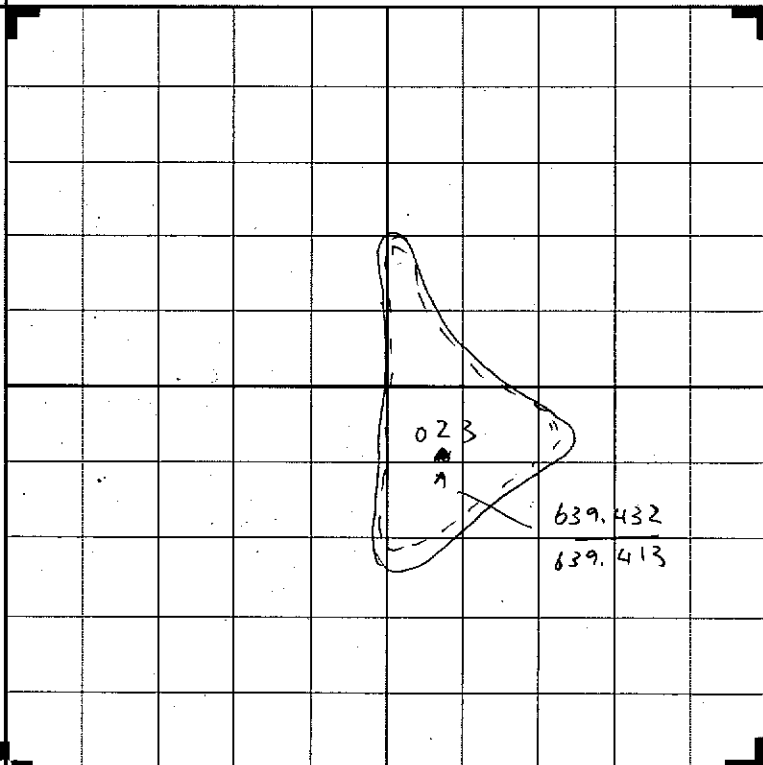
Top \_\_\_\_\_

Bottom \_\_\_\_\_

1 m

0.5 m

0 m



North



SW Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

SE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Centre:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Datum

KHBM 2

Height of Instrument

640.169

Checked by

**EFAP 2010**

Kharaneh IV Area BSSB

Exc. KG

Date: 26 - 6 - 10  
d m

Bag No

4B  
34

Locus

022

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

*Sediment. Grayish sediment across unit - New Day*

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size  mm

% screened

or 100% collection (flot)

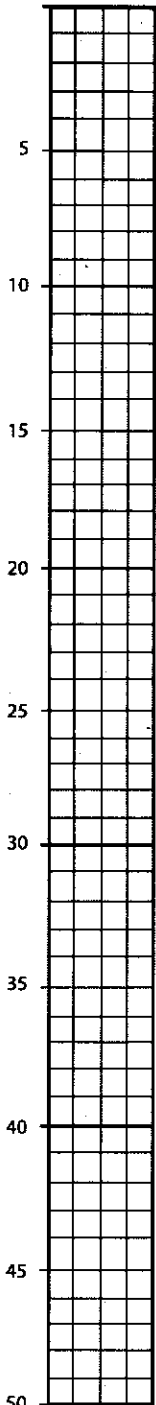
Stratigraphy

This Locus is below:  cut by:   
 equal to:  cuts:   
 above:  abuts:

Levels

These readings are shown on map no. 34 drawn on 26 / 6 / 10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 130 total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)
NW			<u>639.466</u>			<u>639.284</u>
NE			<u>639.442</u>			<u>639.334</u>
Centre			<u>639.431</u>			<u>639.279</u>
SE						
SW			<u>639.445</u>			<u>639.318</u>
A			<u>639.435</u>			<u>639.300</u>
B						
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  <sup>14</sup>C

*639.327*  
*639.247*

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

10 YR 6/2-3 light brownish gray to light brown silty loam  
 moderately compact. Easy to trowel. Flakes of charcoal abundant.

**Artifact/Finds Frequency**

- Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every 5 trowels/brushes)  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic  Flat-Lying  Linear (long axes one orientation)  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Photos**

- Plan  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Excavating across unit, as one locus; to keep up pace. Quite a bit of bone, some lithics including scrapers. Found a bit of ochre but it turned to powder when putting it in the bag and mixed with some sediment. Kept it anyways.

472  
-473

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	549975						flint sample	
	550006			258747.057	3512631.209	639.313	red ochre	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_  Cont'd

EFAP 2010

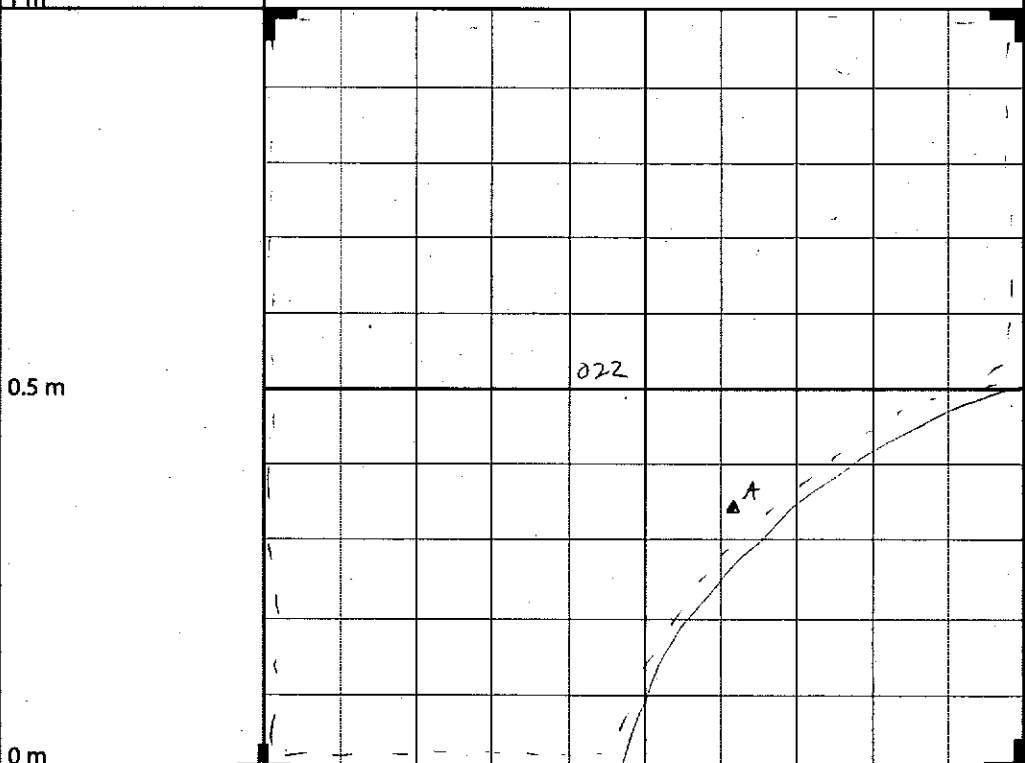
Kharaneh IV Area BSS0 Date: 26 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:  
 Top 639.466  
 Bottom 639.284  
 284

NE Corner:  
 Top 639.442  
 Bottom 639.334  
 639.334

1 m



SW Corner:  
 Top 639.445  
 Bottom 639.318  
 639.318

SE Corner:  
 Top \_\_\_\_\_  
 Bottom \_\_\_\_\_  
 639.300

A = 639.300

Datum

Centre:  
 Top 639.431  
 Bottom 639.279  
 639.279

Height of Instrument

Checked by

EFAP 2010

Kharaneh IV Area BSSB

Exc. K4

Date: 26 - 6 - 10  
d m

Bag No 35 Locus ~~025~~  
026

Description  Sediment  Pit Fill?  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Potation  Micromorph  C14

Reasons for New Bag or Locus circular depression with mottled w. yellow stuff

Excavation Method  hand-pick  trowel  small tools  brush

Mesh size  mm

% screened

or 100% collection (flot)

Stratigraphy

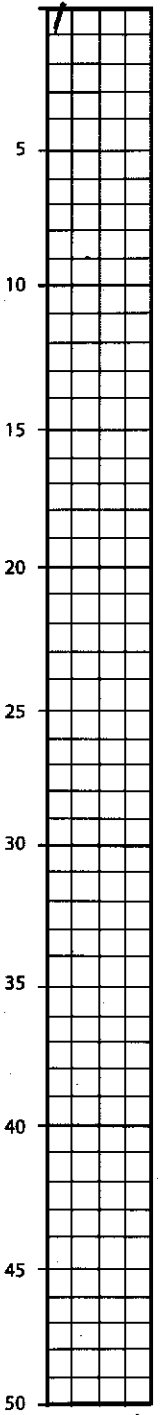
This Locus is below:  cut by:

equal to:  cuts:

above:  abuts:

Levels These readings are shown on map no. 35 drawn on 26/6/10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL



	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW							
NE							
Centre							
SE							
SW							
A				639.327			639.247
B							
C							
D							
E							
F							
G							
H							
J							
K							

litres: 2 | total





Map No: 34

35

Page

EFAP 2010

Kharaneh IV Area BSSB

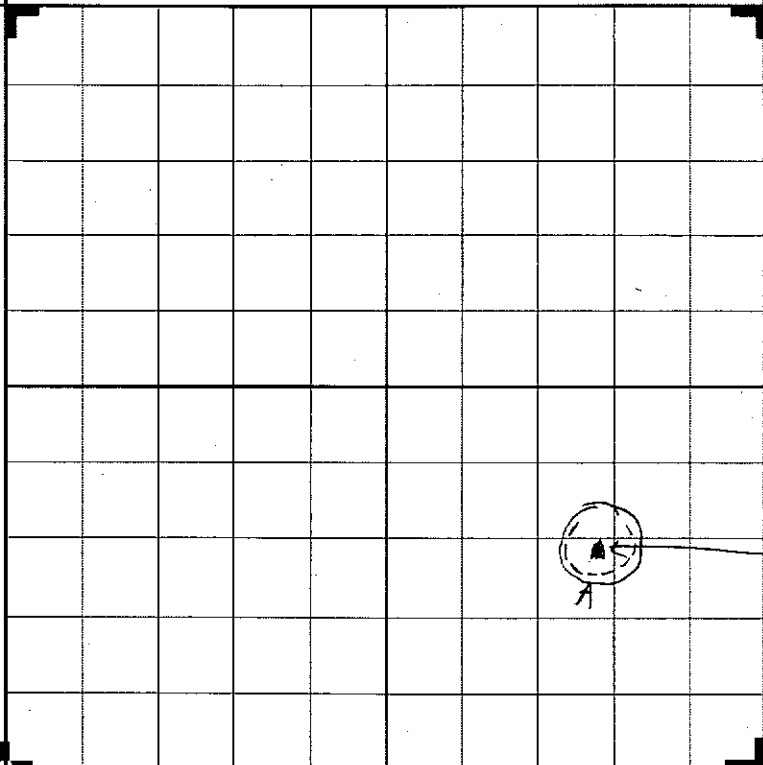
Date: 26 - 6 - 10 1:10  
day month

NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_  
1 m

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

0.5 m  
0 m



023 026

SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_  
  
Datum  
KHBM2

Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area BSSB

Exc. K4

Date: 26 - 6 - 10  
d m

Bag No 36 Locus 024

Description  Sediment  Pit Fill?  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Circular depression matted w. yellow stuff

Excavation Method  hand-pick  trowel  small tools  brush

Mesh size   mm  
 % screened    
 or 100% collection (flot)

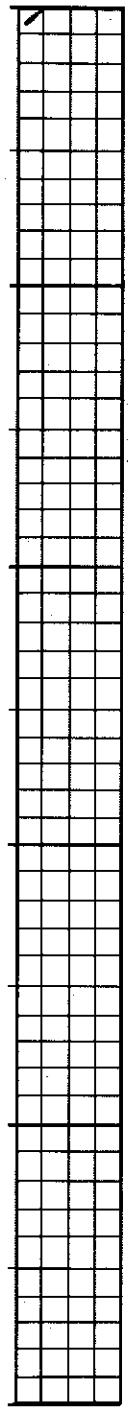
Stratigraphy

This Locus is below:   cut by:    
 equal to:   cuts:    
 above:   abuts:  

Levels These readings are shown on map no. 36 drawn on 26/6/10

Datum ID KHBMZ Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	Instr. Height	Stadia	Metres A.S.L. (DE+B)-C	
NW							
NE							
Centre							
SE							
SW							
A			639.313			639.277	
B							
C							
D							
E							
F							
G							
H							
J							
K							



litres: 2 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Similar to sediment of 022 but mottled with yellow stuff.

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_
- No, but dug feature can be seen in photos for 025 bag 37

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is a shallow circular depression that ~~contained~~ was mottled with yellow stuff

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	SS0008						flat sample (1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: **36**

Page

**EFAP 2010**

Kharaneh IV Area **B558**

Date: **26** - **6** - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

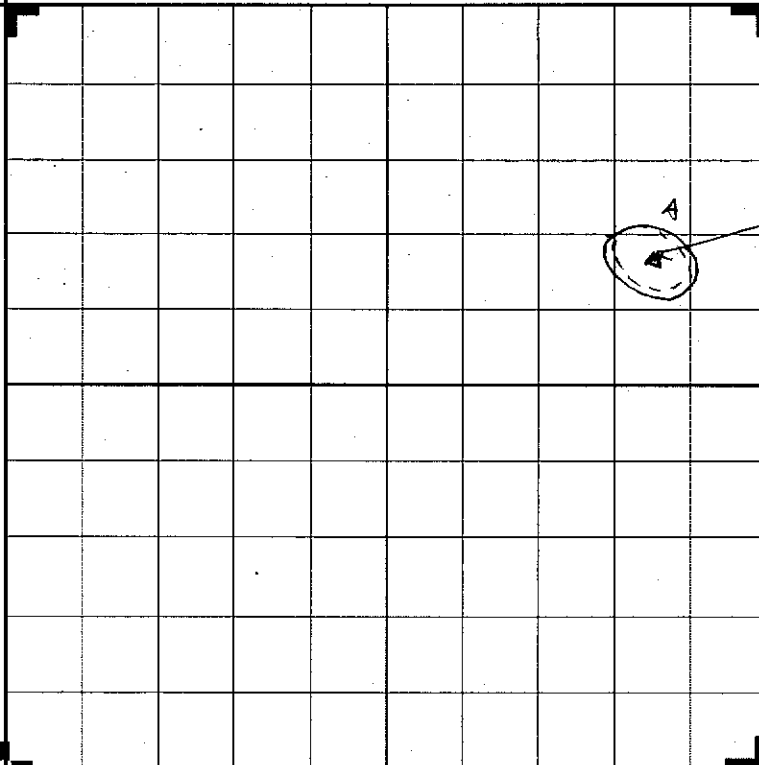
NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

1 m

0.5 m

0 m



SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Datum  
**KHBM 2**

Height of Instrument **640.169**

Checked by

EFAP 2010

Kharaneh IV Area BSSB Exc. KL Date: 26 - 6 - 10  
d m

Bag No BM Locus 025

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus More gray sediment

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

This Locus is below:   cut by:  

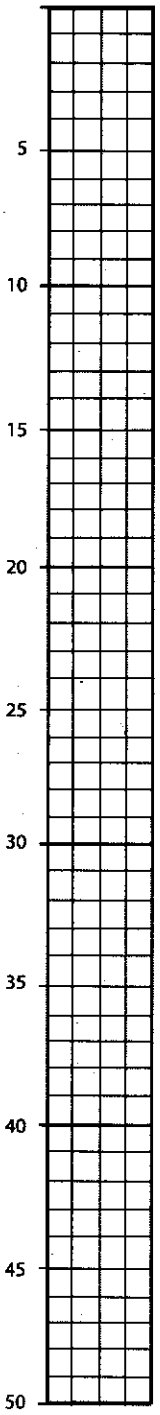
equal to:   cuts:  

above:   abuts:  

Levels These readings are shown on map no. 37 drawn on 26/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW			<u>639.284</u>			<u>639.217</u>	
NE			<u>639.334</u>			<u>639.276</u>	
Centre			<u>639.279</u>			<u>639.219</u>	
SE			<u>639.349</u>			<u>639.294</u>	
SW			<u>639.318</u>			<u>639.243</u>	
A			<u>639.313</u>			<u>639.277</u>	
B							
C							
D							
E							
F							
G							
H							
J							
K							



litres: n 40 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

YR 6/3 silty loam, < 5% stone (subangular, well sorted), moderately compact (easy to trowel) - Rodent burrows.

**Artifact/Finds Frequency**

- Very Frequent     Frequent (every trowel/brush)     Average (every 2nd trowel/brush)     Rare (every ~5 trowels/brushes)     Sterile

**Artifact/Finds Orientation**

- Random/Isotropic     Flat-Lying     Linear (long axes one orientation)     Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)     Recently Disturbed     Other (specify) \_\_\_\_\_

**Photos**

- Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Fill layer that loci 023 and 025 ~~are~~ dipped in to. Abundant bone - Moderate amount of lithics - A couple of big rodent holes. ~~There are~~ A couple of patches of red-ochre but ~~not~~ too fumble to collect.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				or x	y	z (elev.)		
	550009						flat sample (3)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 37

Page

EFAP 2010

Kharaneh IV Area B.558

Date: 26 - 6 - 10 1:10  
day month

Point provenienced sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.284  
Bottom 639.217

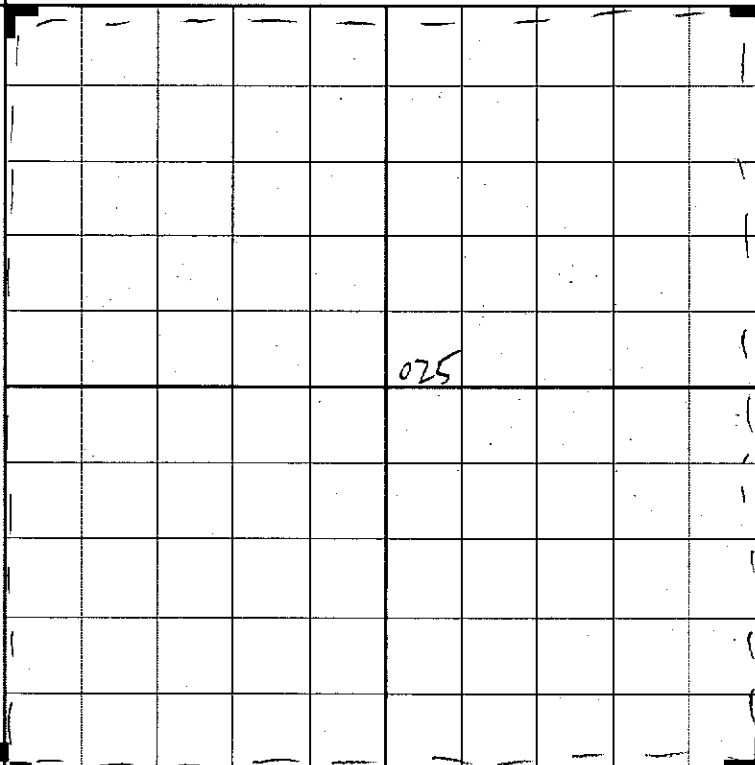
NE Corner:

Top 639.334  
Bottom 639.276

1 m

0.5 m

0 m



North



SW Corner:

Top 639.318  
Bottom 639.243

SE Corner:

Top 639.349  
Bottom 639.294

Datum

KHBM2

Centre:

Top 639.279  
Bottom 639.219

Height of Instrument

640.169

Checked by



EFAP 2010

Kharaneh IV Area B558 Exc. KL Date: 27 - 6 - 10

Bag No 38 Locus 025

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus New Dry

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size  mm

% screened

or 100% collection (flot)

Stratigraphy

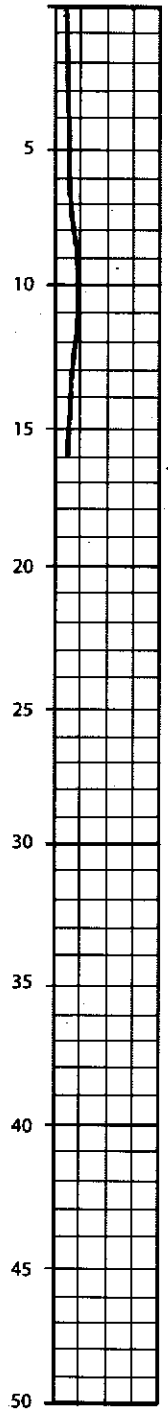
This Locus is below:  cut by:

equal to:  cuts:

above:  abuts:

Levels These readings are shown on map no. 38 drawn on 27/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 16 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			639.217			639.213	
NE			639.276			639.245	
Centre			639.219			639.206	
SE			639.294			639.232	
SW			639.243			639.220	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							



Map No: 38

Page

EFAP 2010

Kharaneh IV Area BS58

Date: 27 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.217

Bottom 639.213

NE Corner:

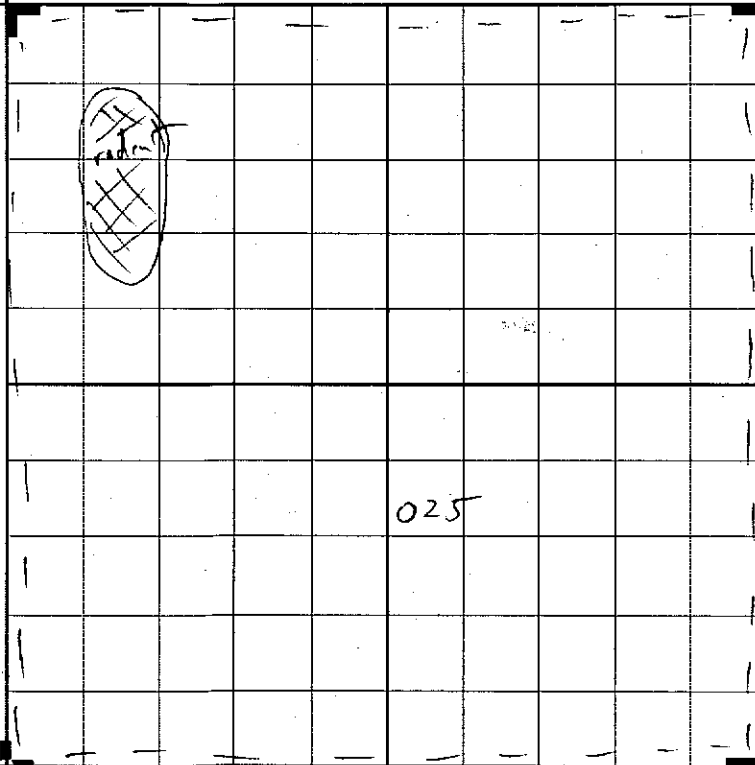
Top 639.276

Bottom 639.245

1 m

0.5 m

0 m



North



SW Corner:

Top 639.243

Bottom 639.228

SE Corner:

Top 639.294

Bottom 639.232

Centre:

Top 639.219

Bottom 639.206

Datum

KHBM2

Height of Instrument

140.169

Checked by

EFAP 2010

Kharaneh IV Area B550 Exc. K4 Date: 27 - 6 - 10

Bag No 39 Locus 027

Description  Sediment  Pit Fill  Wall  Cut/Interface  bunning

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus change in colour = red ochre patches?

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size    mm

% screened   

or 100% collection (flot)

Stratigraphy

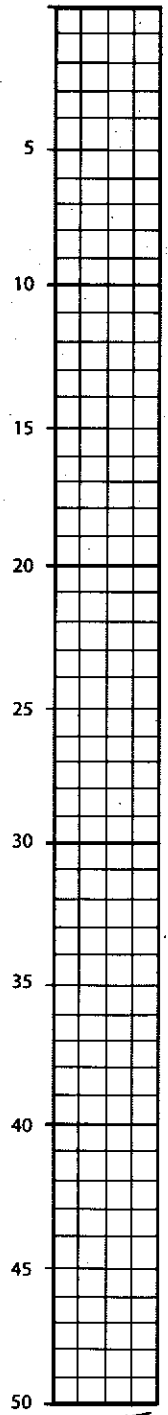
This Locus is below:    cut by:   

equal to:    cuts:   

above:    abuts:   

Levels These readings are shown on map no. 39 drawn on 27/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres: 5 total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)
NW						
NE						
Centre						
SE						
SW						
A			639.218			639.134
B			639.211			639.150
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  <sup>14</sup>C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

54R 616 mixed with bits of ash and flecks of charcoal

**Artifact/Finds Frequency**

Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every -5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

Plan   
  Detail of locus in plan view

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This, I thought was a scattering of red ochre, but I think it is actually a hearth, or pair of hearths that are the beginning of a layer characterized by a series of burning events. The red colour may be ochre but it is accompanied by bits of ash, charcoal and lies above a layer ~~of~~ of burning.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	SS0013						flat sample (1)	
	SS0012			.316	.820	639.168	C14 sample	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

EFAP 2010

Kharaneh IV Area **B558**

Date: **27-6-10** 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

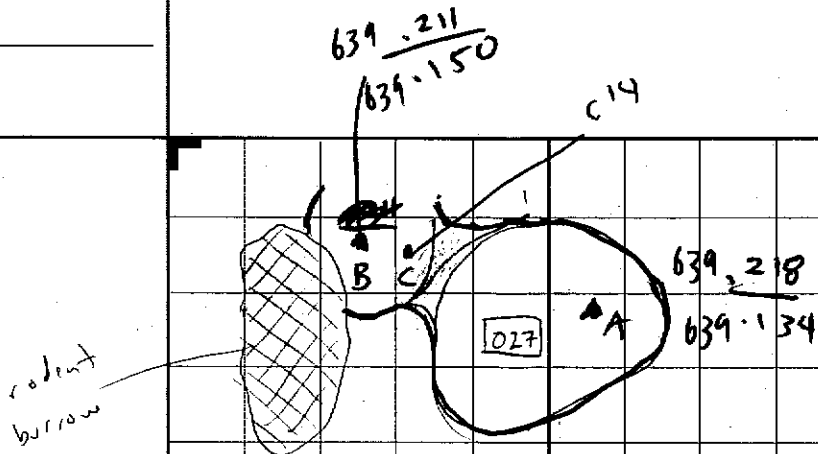
NW Corner:  
 Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

NE Corner:  
 Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

1 m

0.5 m

0 m



SW Corner:  
 Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

SE Corner:  
 Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

Centre:  
 Top \_\_\_\_\_  
 Bottom \_\_\_\_\_

Datum  
**KHBM2**

Kharaneh IV Area BSSB

Date: 27 - 6 - 10  
d m

Bag No

39

Locus

027

Field No

SS0012

Map No

Easting 258747.316

Northing 3512631.820

Elevation 639.168 m asl

Radiocarbon Sample

Weight of Sample \_\_\_\_\_ g

Collected by: KH

Sample material: Charcoal

Estimated Age of Sample 15,000 BP

Basis for Age Estimate associated artifacts

Significance of sample, reason for dating

~~Wood~~ would date a burned feature layer.

Context

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

Samples from a lower (earlier) horizon (Field No):

SS0016, SS0017

Site/Feature description (e.g., grave, dwelling, floor, etc.):

burned layer -

Sample located on present surface  or buried 120 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides

Fertilizer

Other:

Soil matrix:

Clay

Soil

Other:

Carboniferous materials present:

Vegetation

Humus

Charcoal

Carbonates (incl. hard water)

Other

Sample context is marked on Map No. 39

Comments:

Rodent burrow not too far away.







Map No: 40

Page

EFAP 2010

Kharaneh IV Area BSS 8

Date: 27-6-10 1:10  
day month

Point provenienced sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.213  
Bottom 639.213  
639.145

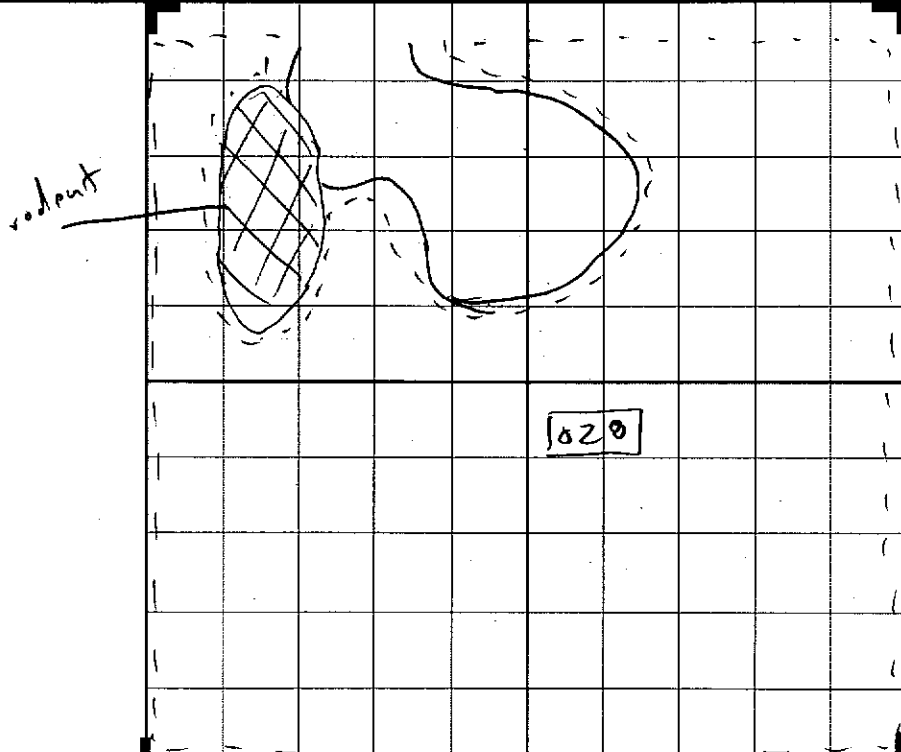
NE Corner:

Top 639.245  
Bottom 639.172

1 m

0.5 m

0 m



North



SW Corner:

Top 639.228  
Bottom 639.140

SE Corner:

Top 639.232  
Bottom 639.131

Datum

KHBM 2

Centre:

Top 639.206  
Bottom 639.130

Height of Instrument

140.169

Checked by

~~Should be 029~~

Mislabeled tags to say "027"; changed most.

EFAP 2010

Kharaneh IV Area BSS0 Exc. KG Date: 27 - 6 - 10

Bag No  41 Locus  ~~027~~ 029

Description  Sediment  Pit Fill  Wall  Cut/Interface  surface?

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Encountered a mottled black and ashy layer

Excavation Method  hand-pick  trowel  small tools  brush

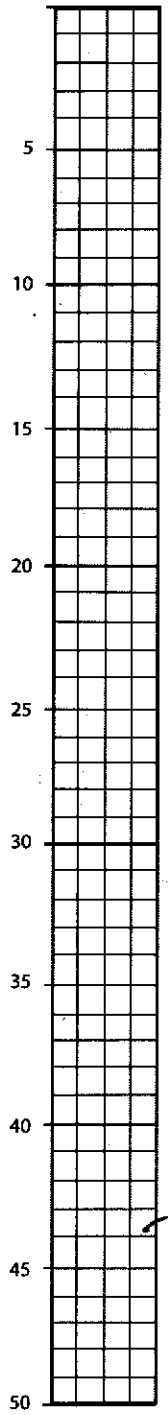
Mesh size  mm % screened  or 100% collection (flot)

Stratigraphy below:  equal to:  above:

This Locus is cut by:  cuts:  abuts:

Levels These readings are shown on map no. 41 drawn on 27/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			639.145			<del>639.125</del> 639.065	
NE			639.172			<del>639.152</del> 639.023	
Centre			639.139			<del>639.110</del> 638.946	
SE			639.131			<del>639.111</del> 638.986	
SW			639.140			<del>639.120</del> 639.053	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

litres: 105 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Soft mottled layer that apparently looks somewhat like the surfaces encountered in area B / bits of red ochre (not kept); flecks of charcoal

10YR 5/3; 10YR 7/2; 10YR 5/2  
10YR 5/1

**Artifact/Finds Frequency**

- Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowels/brushes)  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic  Flat-Lying  Linear (long axes one orientation)  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Photos**

- Plan  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

E 587 7.813  
024 438

E 316  
194  
H 027

Mottled with bone and some lithics. Texture is a bit patchy, with some very soft spots. Some could be rodent related but difficult to tell. Seems to be a series of successive depositional events.

Rather than being a surface, I think this is a series of episodic burning events and perhaps other depositional events. Bottom levels are approximate

Cont'd

**Object and Sample Provenience**

because it was difficult to differentiate

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	or y	z (elev)	Object or Material (#bags/buckets)	Analysis
	SS0015			.813	.438	639.024	Flt sample (7)	
A	SS0016			.316	.194	639.027	c14 sample	
B	SS0017						c14 sample	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 41

Page   

EFAP 2010

Kharaneh IV Area BSS8

Date: 27 - 6 - 10 1:10  
day month

Point provided sediments

MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 639.145  
Bottom ~639.065

NE Corner:

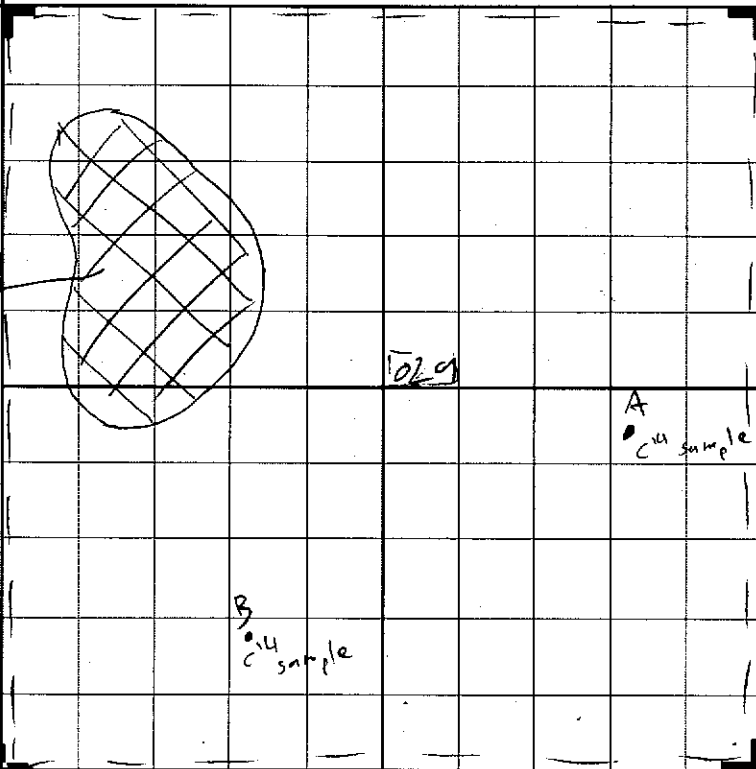
Top 639.172  
Bottom ~639.023

1 m

0.5 m

0 m

top of  
disturbance



North



SW Corner:

Top 639.140  
Bottom 639.053

SE Corner:

Top 639.131  
Bottom 638.986

Centre:

Top 639.130  
Bottom 638.996

Datum

KHBM 2

Height of Instrument

640.169

Checked by

Kharaneh IV

Area B558

Date: 27 - 6 - 10  
d m

Bag No

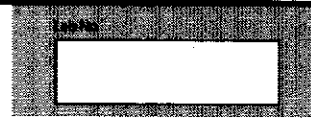
41

Locus

~~027~~ 029

Field No

SS0016



Easting 258747.711  
813

Northing 3512631.9128  
438

Elevation 639.024 m asl

Radiocarbon Sample

Weight of Sample \_\_\_\_\_ g

Collected by: KL

Sample material: charcoal

Estimated Age of Sample 15,000 BP

Basis for Age Estimate Associated artefacts

Significance of sample, reason for dating

Would date potential surface / ~~to~~ depositional events.

Context

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

SS0012

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.):

burned layer

Sample located on present surface  or buried 130 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides  Fertilizer  Other:

Soil matrix:

Clay  Soil  Other:

Carboniferous materials present:

Vegetation  Humus  Charcoal  Carbonates (incl. hard water)  Other

Sample context is marked on Map No. 41

Comments:

Kharaneh IV Area BS 58

Date: 27 - 6 - 10  
d m

Bag No

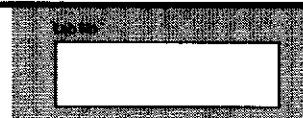
41

Locus

~~029~~ 029

Field No

550017



Easting 258747.316

Northing 3512631.194

Elevation 639.027 m asl

RadioCarbon Sample

Weight of Sample \_\_\_\_\_ g

Collected by: Kh

Sample material: Charcoal

Estimated Age of Sample 15,000 BP

Basis for Age Estimate Associated artifacts

Significance of sample, reason for dating

Would date a burned layer.

Context

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

550012

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.):

Sample located on present surface  or buried 130 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides  Fertilizer  Other:

Soil matrix:

Clay  Soil  Other:

Carboniferous materials present:

Vegetation  Humus  Charcoal  Carbonates (incl. hard water)  Other

Sample context is marked on Map No. 41

Comments:

mislabelled tags to say "028"; changed must

~~should be 030~~

Page   

EFAP 2010

Kharaneh IV

Area B558

Exc. K4

Date: 27 - 6 - 10  
d m

Bag No

42

Locus

~~028~~

030

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

transition between ~~028~~ 027 + sterile(?)

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size    mm

% screened   

or 100% collection (flot)

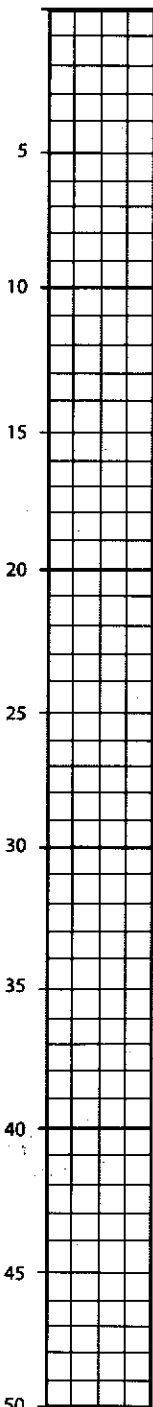
Stratigraphy

This Locus is below:    cut by:     
 equal to:    cuts:     
 above:    abuts:   

Levels

These readings are shown on map no. 42 drawn on 27/6 / 10

Datum ID KH&M2 Datum Elevation (DE) 640.169 m ASL



litres: 22 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			~639.065			639.045	
NE			~639.023			639.003	
Centre			~638.996			638.976	
SE			~638.986			638.966	
SW			~639.053			639.033	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for:

Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C



**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

Transition between ~~027~~<sup>029</sup> and light coloured layer underneath (will excavate tomorrow). ~~Soft~~ Both are soft sediments and hard to ~~be~~ separate.

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- No.  Plan     Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This locus represents the transition between ~~027~~<sup>029</sup> and a whitish layer underneath. Basically it is a mixed bag. Most of the artifacts / bone seems to come from the upper part and likely derive from ~~027~~<sup>029</sup>.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				x	y	z (elev.)		
	550010						flot sample (2)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 42

Page

EFAP 2010

Kharaneh IV Area B558

Date: 27 6 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

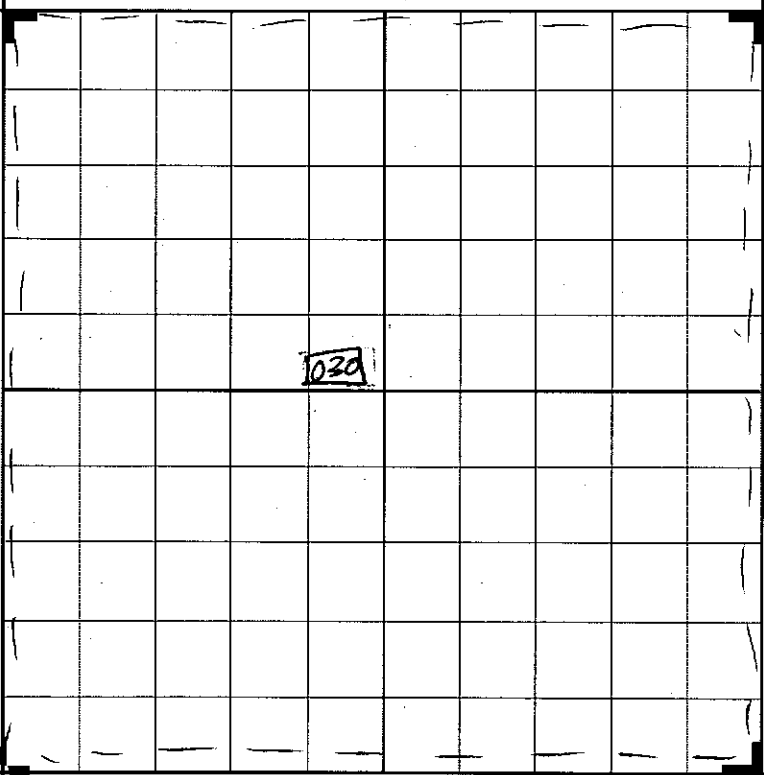
NW Corner:  
Top ~639.065  
Bottom 639.045

NE Corner:  
Top ~639.023  
Bottom 639.003

1 m

0.5 m

0 m



SW Corner:  
Top ~639.053  
Bottom 639.033

SE Corner:  
Top ~638.986  
Bottom 638.966

Datum  
KHBM2

Centre:  
Top ~638.996  
Bottom 638.976

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area BS 50 Exc. KG Date: 27 - 6 - 10

Bag No 43 Locus 000

Description  Bediment  Pit Fill  Wall  Cut/interface  Wall cleaning

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus Cleaning the walls of the locus

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened 0

or 100% collection (flot)

Stratigraphy

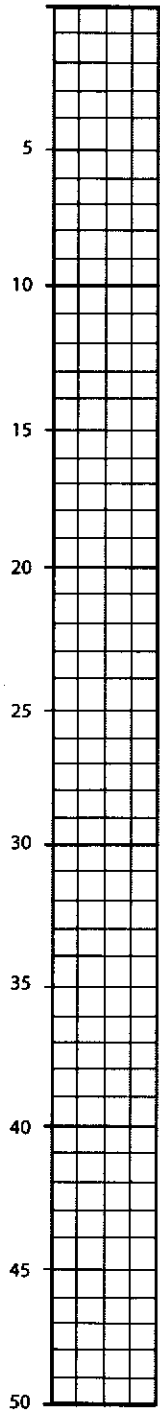
This Locus is below:   cut by:  

equal to:   cuts:  

above:   abuts:  

Levels These readings are shown on map no. 43 drawn on 27 6/10

Datum ID N/A Datum Elevation (DE) N/A m ASL



	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW							
NE							
Centre							
SE							
SW							
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

litres: total



Map No: 43

Page

EFAP 2010

Kharaneh IV Area BSS8 Date: 27 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top \_\_\_\_\_

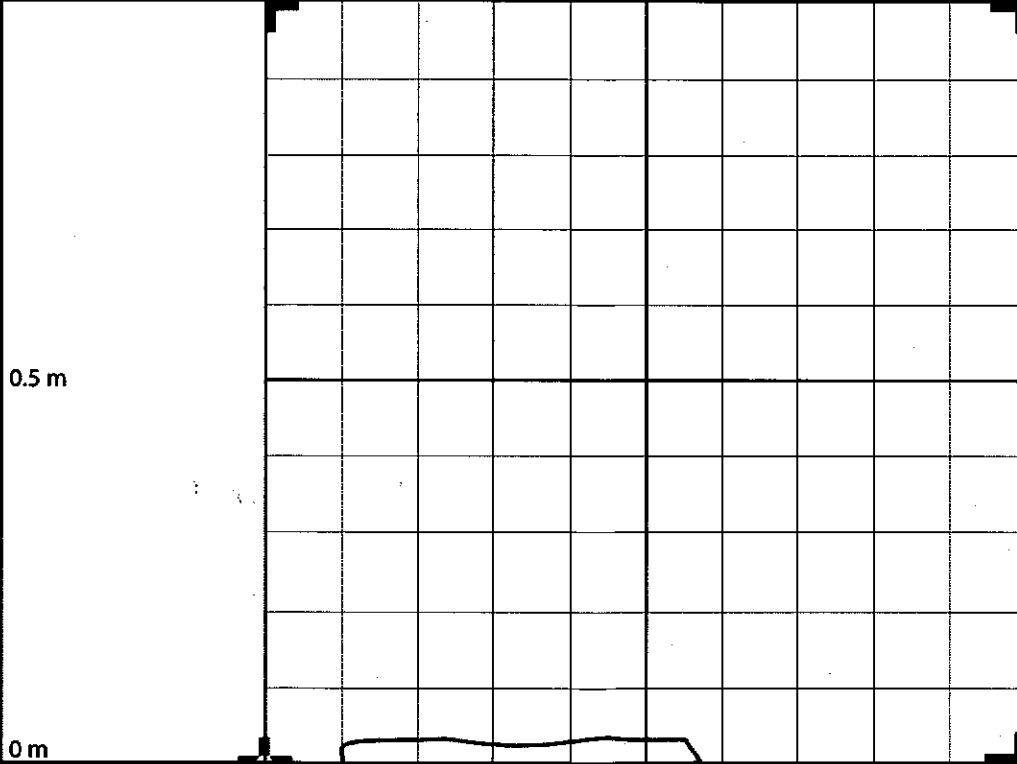
Bottom \_\_\_\_\_

1 m

NE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_



SW Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Datum

N/A

SE Corner:

Top \_\_\_\_\_

Bottom \_\_\_\_\_

1  
bore point / qwl  
found somewhere  
in this area. Probably  
Centre: in locus  
016-022

Top \_\_\_\_\_

Bottom \_\_\_\_\_

Height of Instrument

Checked by

EFAP 2010

Kharaneh IV Area B550

Exc. KG

Date: 28 - 6 - 10  
d m

Bag No  
44

Locus  
031

Description  Sediment  Pit Fill  Wall  Cut/Interface  \_\_\_\_\_  
 Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_  
 Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

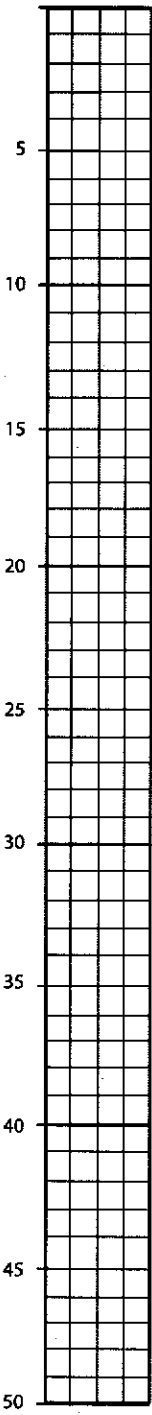
Reasons for New Bag or Locus White (sterile?) layer

Excavation Method   Mesh size   mm  
 hand-pick  trowel  small tools  brush  
 % screened    
 or 100% collection (flot)

Stratigraphy  
 This Locus is below:   cut by:    
 equal to:   cuts:    
 above:   abuts:  

Levels These readings are shown on map no. 44 drawn on 28/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



Map Ref	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			639.045			638.866	
NE			639.003			638.873	
Centre			638.976			638.830	
SE			638.966			638.847	
SW			639.033			638.812	
A			638.937			~638.877	
B			638.957			~638.917	
C			638.976			~638.926	
D			638.902			~638.952	
E			638.929			~638.909	
F							
G							
H							
J							
K							

litres: 130 total

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

10YR 8/2 ; soft ; no rocks ; sandy loam

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

White coloured, fairly soft sediment with few visible artifacts. ~~Within the~~ visible on the surface were 5 circular features (10YR 8/2<sup>3</sup>; with flecks of charcoal). These looked very post-like on the surface but after sectioning they had little depth (2-6cm). Since there was quite a bit of rodent activity in the vicinity I dismissed them as rodent related and didn't keep the sediment from them and the artifacts got mixed in with the white stuff. ~~However~~ This seemed the most parsimonious explanation. However,  Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	SS 0019						flat sample (9)	
F	SS0020			.675	.907	638.840	<sup>14</sup> C sample	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

KHIV.BSS@.44 1031 28/6/10

Detailed comments continued:

after cleaning the west wall I noticed too probable post  
moulds with depth. Now it seems most likely that  
the five features were, in fact, posts. Some of  
them ~~(especially)~~ may have had a bit more  
depth as I stopped the sectioning when dark  
sediment stopped; yet they may have been  
mottled with light stuff and then resumed  
lower down. I say this because after  
removing the posts and some more white sediment  
I encountered two more probable posts (see bag 45)  
which ~~didn't~~ weren't visible on the surface, yet if  
they were posts, they must have been through  
the extent of stake 031. I have dotted them  
in on map 44, in fact, the one labelled F  
may be a lower extension of post E, if it was  
on an angle.

To summarize A-E are likely posts. I should have kept  
the sediment from each separate but didn't. All  
lithics I noticed were from the posts, not the  
light stuff. One large bone was found in the light  
stake stuff, but near the top of the locus. A charcoal  
sample was taken (labelled F). This was about 5cm  
to the east of the large bone.



EFAP 2010

Kharaneh IV Area B558 Date: 20-6-10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

<p>NW Corner:</p> <p>Top <u>639.045</u></p> <p>Bottom <u>638.866</u></p>		<p>NE Corner:</p> <p>Top <u>639.003</u></p> <p>Bottom <u>638.873</u></p>
--	--	--

<p>SW Corner:</p> <p>Top <u>639.033</u></p> <p>Bottom <u>638.812</u></p> <p>Datum</p> <div style="border: 1px solid black; padding: 2px; width: fit-content;">KHBM2</div>	<p>Centre:</p> <p>Top <u>638.976</u></p> <p>Bottom <u>638.830</u></p>	<p>SE Corner:</p> <p>Top <u>638.966</u></p> <p>Bottom <u>638.847</u></p>
---	---	--

Kharaneh IV

Area BS50

Date: 20 - 6 - 10  
d m

Bag No

44

Locus

031

Field No

550020

Lab No

Easting 258747.675

Northing 3512631.907

Elevation 638.040 m asl

Radiocarbon Sample

Weight of Sample \_\_\_\_\_ g

Collected by: KL

Sample material: Charcoal

Estimated Age of Sample > 15,000

Basis for Age Estimate sterile layer below Epipal. artifacts

Significance of sample, reason for dating

~~could~~ Could give a terminus ante quem for occupational level.

Context

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.):

sterile deposit

Sample located on present surface  or buried  175 cm below the surface, or partly exposed

Possible sources of contamination in the local environment:

Pesticides  Fertilizer  Other:

Soil matrix:

Clay  Soil  Other:

Carboniferous materials present:

Vegetation  Humus  Charcoal  Carbonates (incl. hard water)  Other

Sample context is marked on Map No. 44

Comments:

Bag 45 C14

E. 675 N. 907 H. 840

E M H  
.767 .537 .807  
-929 .415 .843

Page

EFAP 2010

Kharaneh IV Area BSS8

Exc. K6

Date: 20 - 6 - 10

45

Bag No 45

Locus 032

Description  Sediment  Pit Fill  Wall  Cut/Interface  post mould  
Finds  Lithics  Fauna  Charcoal  Shell  Ochre   
Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

Encountered a post mould.

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size  mm

% screened   
50%  
or 100% collection (flot)

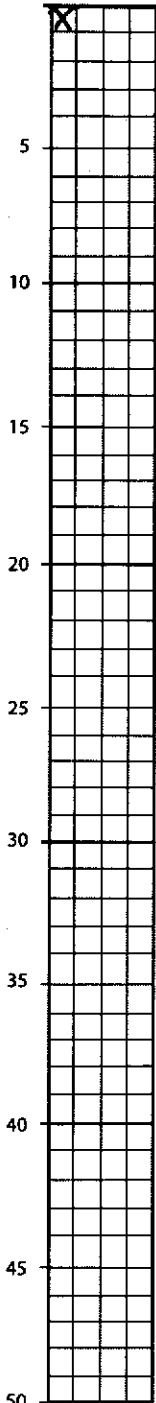
Stratigraphy

This Locus is below:  cut by:   
equal to:  cuts:   
above:  abuts:

Levels

These readings are shown on map no. 44 drawn on 28/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL



litres:  total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW							
NE							
Centre							
SE							
SW							
A			<u>639.807</u>			<u>639.857</u>	
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

10YR 6/3

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- NIA  Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of section

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Bottom of a post mould. This probably started above the sterile layer, but I missed the top. A second probable post mould was too far gone to salvage, but its ~~post~~ plan is mapped on map 45. For post 1032, ~~then~~ I sectioned it on a N-S axis and only kept the east portion for flotation as the west was mixed with sterile. Found a core and a bone.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or			Object or Material (#bags/buckets)	Analysis
				x	y	z (elev.)		
	550021						flot sample (1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C

Cont'd

Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Map No: 45

Page

EFAP 2010

Kharaneh IV Area B550

Date: 20 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

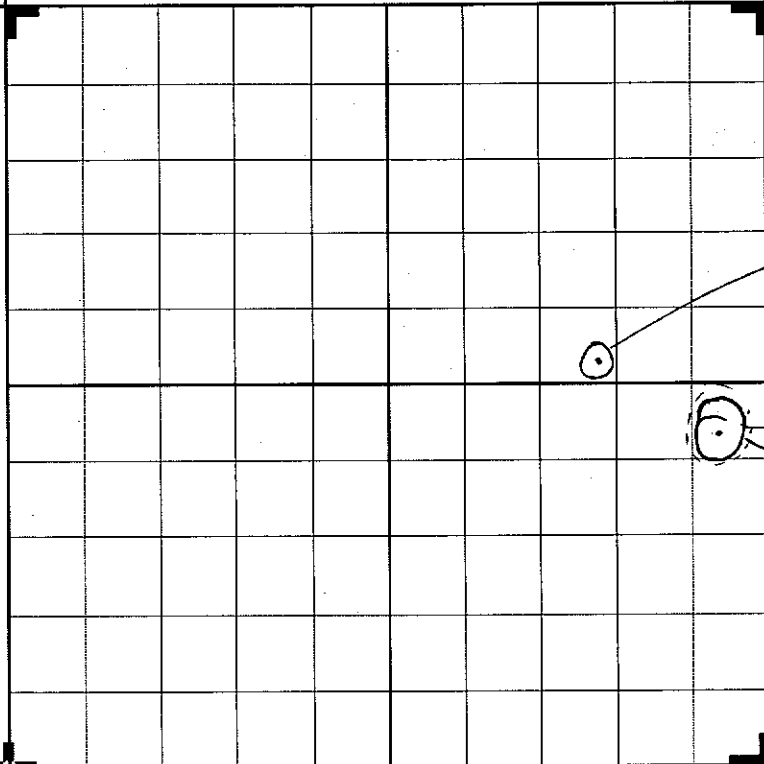
NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

1 m

0.5 m

0 m



second post mould

North

A  
032

SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Datum  
KHBM2

Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area B558 Exc. K4 Date: 28 - 6 - 10

Bag No 46 Locus 031

Description  Sediment  Pit Fill  Wall  Cut/interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus stratigraphic condn

Excavation Method  hand-pick  trowel  small tools  brush

Mesh size   mm  
 % screened 0  
 or 100% collection (flot)

Stratigraphy

This Locus is below:   cut by:  

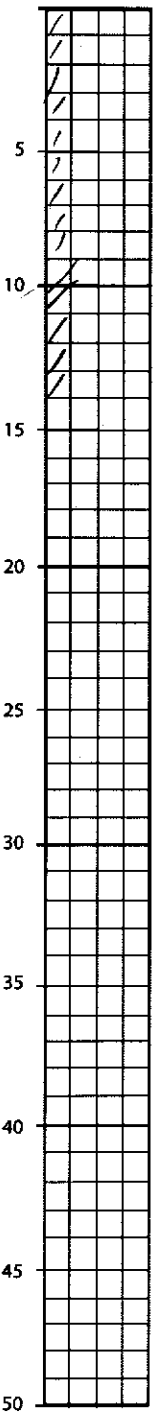
equal to:   cuts:  

above:   abuts:  

Levels These readings are shown on map no. 46 drawn on 28/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			638.866			638.722	
NE			638.873			638.721	
Centre			638.830			638.700	
SE			638.847			638.720	
SW			638.812			638.699	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							



litres: 210 total



Map No: 46

Page

EFAP 2010

Kharaneh IV Area BS 58

Date: 20 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

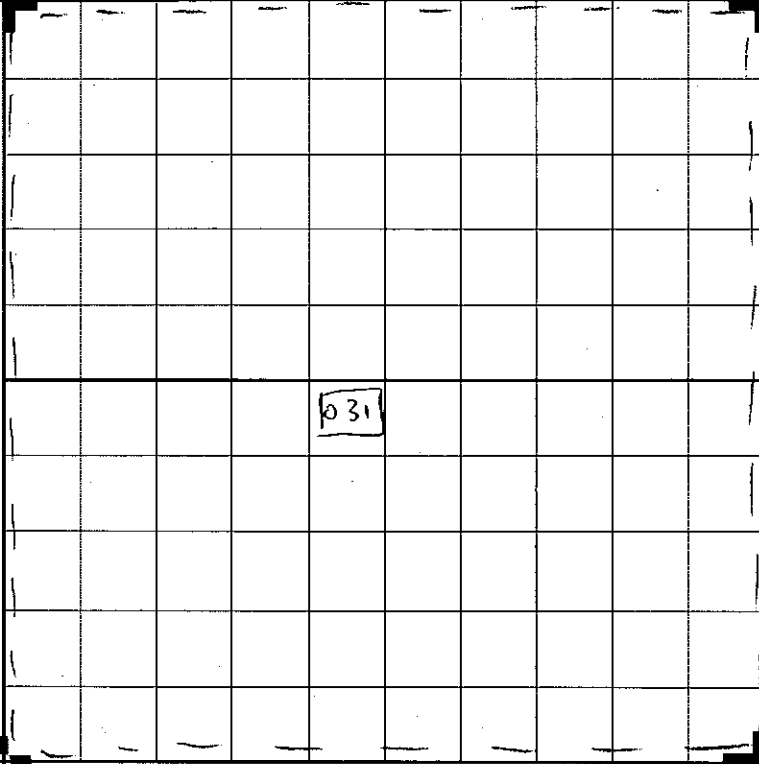
NW Corner:  
Top 630.866  
Bottom 630.722

NE Corner:  
Top 630.873  
Bottom 630.721

1 m

0.5 m

0 m



SW Corner:  
Top 630.812  
Bottom 630.699

SE Corner:  
Top 630.847  
Bottom 630.720

Centre:  
Top 630.830  
Bottom 630.700

Datum  
KHBM 2

Height of Instrument 640.169

Checked by



EFAP 2010

Kharaneh IV Area B558

Exc. K6

Date: 30 - 6 - 10  
d m

Bag No 47 Locus 033

Description  Sediment  Pit Fill  Wall  Cut/Interface  rodent?

Finds  Lithics  Fauna  Charcoal  Shell  Ochre  \_\_\_\_\_

Samples  Bulk Soil  Flotation  Micromorph  C14  \_\_\_\_\_

Reasons for New Bag or Locus Encountered a dark stain

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

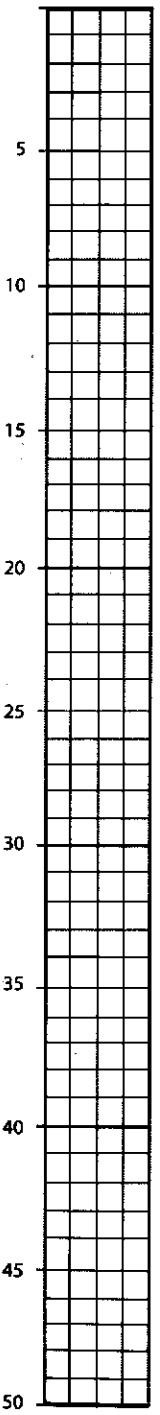
This Locus is below:   cut by:  

equal to:   cuts:  

above:   abuts:  

Levels These readings are shown on map no. 47 drawn on 30/6/10

Datum ID KHBZ Datum Elevation (DE) 640.169 m ASL



litres: 4 total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW			<u>8</u>				
NE							
Centre							
SE							
SW							
A			<u>~638.722</u>			<u>~638.712</u>	
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C



Map No: 47

Page

EFAP 2010

Kharaneh IV Area B550

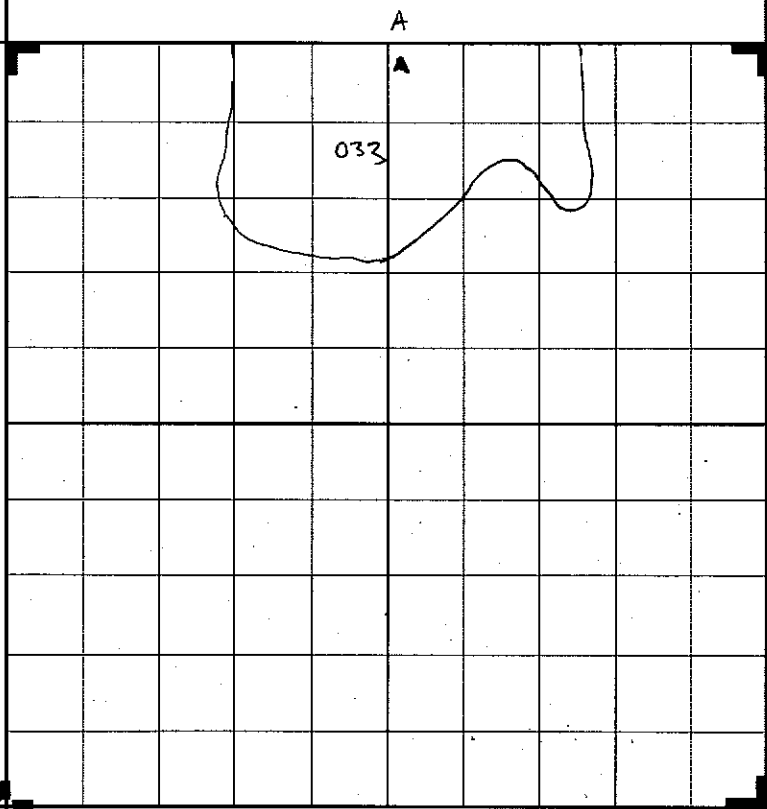
Date: 30 - 6 - 10 1:10  
day month

Point provenienced sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

NE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

1 m



0.5 m

0 m



SW Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

SE Corner:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Centre:  
Top \_\_\_\_\_  
Bottom \_\_\_\_\_

Datum  
KHOM 2

Height of Instrument 640.169

Checked by

EFAP 2010

Kharaneh IV Area B550 Exc. KG Date: 30 - 6 - 10  
d m

Bag No 48 Locus 034

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

Beneath a dark stain (033)

Excavation Method

hand-pick     trowel     small tools     brush

Mesh size    mm

% screened 0

or 100% collection (flot)

Stratigraphy

This Locus is

below:    cut by:   

equal to:    cuts:   

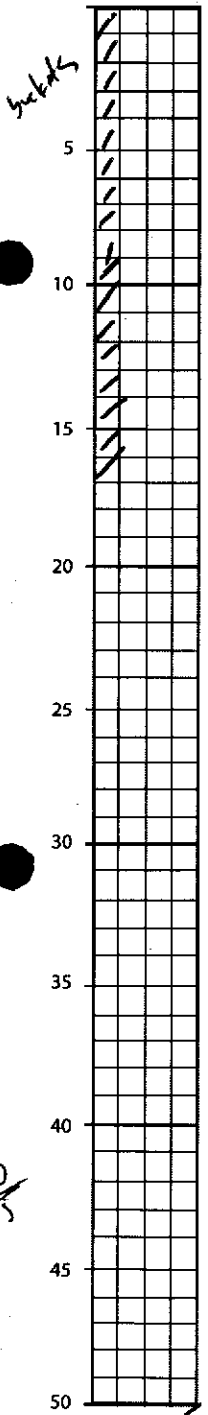
above:    abuts:   

Levels

These readings are shown on map no. 48 drawn on 30/6/10

Datum ID KHBM2 Datum Elevation (DE) 640.169 m ASL

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW			638.722			638.491	
NE			638.721			638.485	
Centre			638.700			638.469	
SE			638.720			638.442	
SW			638.699			638.432	
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							



litres: 265 total



Map No: 40

Page

EFAP 2010

Kharaneh IV Area BS50

Date: 30 - 6 - 10 1:10  
day month

Point provided sediments				
MapRef	x coordinate	y coordinate	elevation (m asl)	Locus

NW Corner:

Top 638.722

Bottom 638.491

NE Corner:

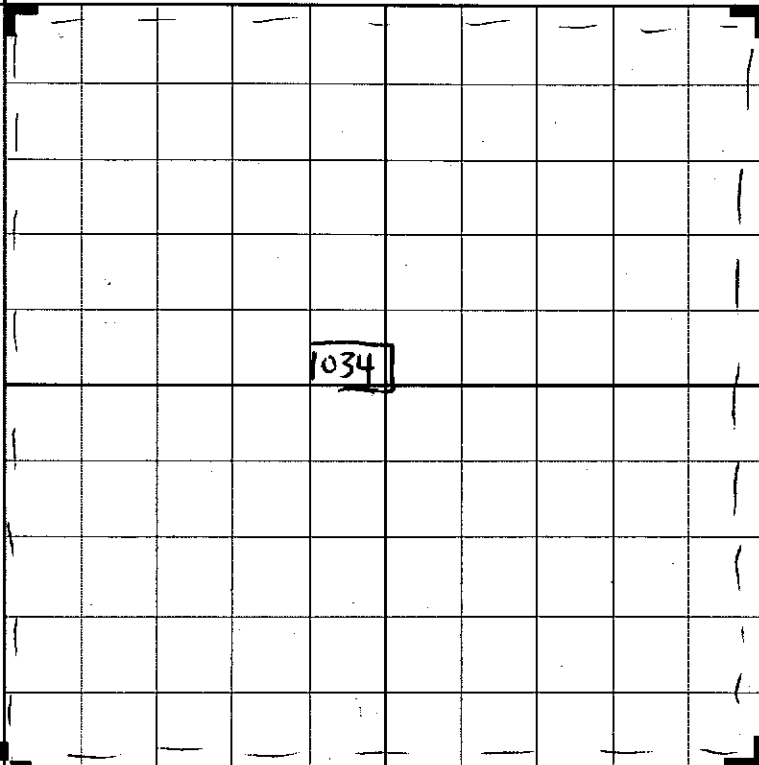
Top 638.721

Bottom 638.485

1 m

0.5 m

0 m



North



SW Corner:

Top 638.699

Bottom 638.432

SE Corner:

Top 638.720

Bottom 638.442

Centre:

Top 638.700

Bottom 638.469

Datum

KHBM2

Height of Instrument

640.169

Checked by

E 258747.053  
 N 3512631.429  
 H 638.849

EFAP 2010

Kharaneh IV Area B550

Exc. KL

Date: 3 - 17 - 10

Bag No 49 Locus 035

Description  Sediment  Pit Fill  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Encountered a post mould in section

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size    mm

% screened   

or 100% collection (flot)

Stratigraphy

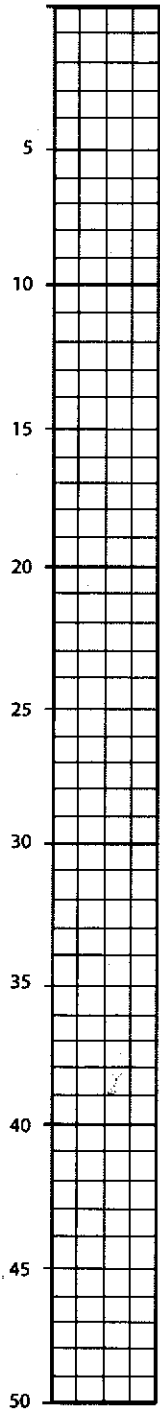
This Locus is below:    cut by:   

equal to:    cuts:   

above:    abuts:   

Levels These readings are shown on map no. NA drawn on / / 10

Datum ID ~~KH002~~ Datum Elevation (DE) ~~640.169~~ m ASL



litres:    total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	
NW							
NE							
Centre							
SE							
SW							
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

104R b/2 ; loose ; no dist disturbance above

**Artifact/Finds Frequency**

- Very Frequent   
  Frequent (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  Flat-Lying   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photos**

- Plan   
  Detail of \_\_\_\_\_ in section

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Post mould - B Contains bones and lithic.  
 Encountered in section, so only west half was collected for flotation. For elevations see section drawing.

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	550047						flat sample (1)	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_



Kharaneh IV Area B558

Exc. KL

Date: 3 - 11 - 10  
d m

Bag No

50

Locus

036

Description  Sediment  Pit Fill  Wall  Cut/Interface   
 Finds  Lithics  Fauna  Charcoal  Shell  Ochre   
 Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus

*Excavated a post model in section*

Excavation Method

hand-pick  trowel  small tools  brush

Mesh size    mm

% screened   

or 100% collection (flot)

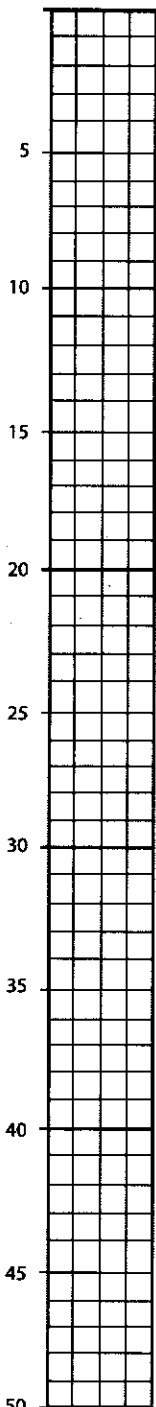
Stratigraphy

This Locus is below:    cut by:     
 equal to:    cuts:     
 above:    abuts:   

Levels

These readings are shown on map no. N/A drawn on / / 10

Datum ID    Datum Elevation (DE)    m ASL



litres: ~ total

A	Top Levels			Bottom Levels		
	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)	Instr. Height	Stadia	Metres A.S.L. ((DE+B)-C)
NW						
NE						
Centre						
SE						
SW						
A						
B						
C						
D						
E						
F						
G						
H						
J						
K						

See attached pages for: Provenience & Sample Tracking  Pit/Feature  Wall  Burial  14C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

10YR 6/2 ; low

**Artifact/Finds Frequency**

Very Frequent  Frequent (every trowel/brush)  Average (every 2nd trowel/brush)  Rare (every ~5 trowels/brushes)  Sterile

**Artifact/Finds Orientation**

Random/Isotropic  Flat-Lying  Linear (long axes one orientation)  Overlapping/Imbricated

**Artifact/Finds Association**

Undisturbed since deposition (in situ)  Recently Disturbed  Other (specify) \_\_\_\_\_

**Photos**

Plan  Detail of \_\_\_\_\_ in section photos

**Detailed Description and Comments**

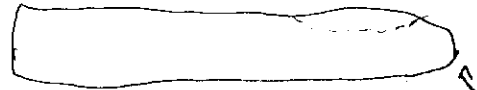
Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

This is a post mould encountered in section. It is at an angle of ~30% (angling down to the north). It was encountered in section so only the contents of the west half was collected for flotation. Notably a large, cylindrical flint(?) nodule was stuck into the post at a vertical angle, and must have jettled above the top of the post. The "lumpy" end

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant or x	y	z (elev.)	Object or Material (#bags/buckets)	Analysis
	55004B						flot sample (1)	
	550052	near 0° (i.e. vertical)	N/A	258747.098	3512631.110	639.195	long flint (?) nodule	
							indicates the top of the nodule	
<p>the more pointed edge (with red ochre) was pointed east; that's the edge seen in section</p>								

Kharaneh IV this is a sketch of the flint nodule Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

 This is the end that was pointed down

**EFAP 2010**

Kharaneh IV Area BSS<sup>9</sup>

Exc. K6

Date: 3 - 7/11 - 10  
d m

Bag No S1      Locus 037

Description  Sediment  Pit Fill (post)  Wall  Cut/Interface

Finds  Lithics  Fauna  Charcoal  Shell  Ochre

Samples  Bulk Soil  Flotation  Micromorph  C14

Reasons for New Bag or Locus Encountered a post mould in section

Excavation Method

hand-pick     trowel     small tools     brush

Mesh size   mm

% screened  

or 100% collection (flot)

Stratigraphy

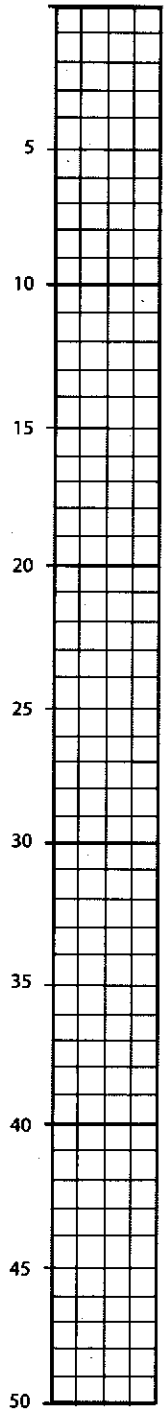
This Locus is      below:        cut by:  

                          equal to:        cuts:  

                          above:        abuts:  

Levels      These readings are shown on map no. N/A drawn on / / 10

Datum ID        Datum Elevation (DE)   m ASL



litres:    total

	Top Levels			Bottom Levels			
	A	B	C	D	E	F	G
Map Ref	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	Instr. Height	Stadia	Metres A.S.L. <small>((DE+B)-C)</small>	
NW							
NE							
Centre							
SE							
SW							
A							
B							
C							
D							
E							
F							
G							
H							
J							
K							

See attached pages for:      Provenience & Sample Tracking       Pit/Feature       Wall       Burial       14C

**Soil Properties**

If necessary, note any differences in inclusions, colour, sorting, roundness, compaction, and texture from other bags within the same locus.

104R 6/2 ; loose ; packed with charcoal.

**Artifact/Finds Frequency**

- Very Frequent   
  **Frequent** (every trowel/brush)   
  Average (every 2nd trowel/brush)   
  Rare (every ~5 trowels/brushes)   
  Sterile

**Artifact/Finds Orientation**

- Random/Isotropic   
  **Flat-Lying**   
  Linear (long axes one orientation)   
  Overlapping/Imbricated

**Artifact/Finds Association**

- Undisturbed since deposition (in situ)   
  Recently Disturbed   
  Other (specify) \_\_\_\_\_

**Photo**

- Plan   
  Detail of \_\_\_\_\_ in section

**Detailed Description and Comments**

Include stratigraphic relationships with other contexts, finds, samples, nature of artifact deposition, etc.

Encountered a post mould in section. At a 30% angle (angled down to north), ~~two~~ <sup>three</sup> flints were found lying at the bottom of the post, horizontally. A bit of charcoal came out in the bucket during excavation; collected it but couldn't piece plot it. For elevations see section drawings

258747.098 E  
 5512 631.110 N  
 638.844 H

Cont'd

**Object and Sample Provenience**

Map Ref	Field Number	Inclination	Orientation	Quadrant			Object or Material (#bags/buckets)	Analysis
				x	y	z (elev.)		
	550049						flot sample (1)	
	550050			?	?	?	C4	
	550051	90°		258747.053	3512631.429	638.844	3 flinty	

Kharaneh IV

Conservation, Registry, Float, Soil, Micromorphology, <sup>14</sup>C  Cont'd  
 Checked by \_\_\_\_\_ Date \_\_\_\_\_ Entered in Database \_\_\_\_\_

Kharaneh IV Area BSSB

Date: 3 - 7 - 10  
d m

Bag No

Locus

Field No



Easting 258747.053

Northing 3512631.429

Elevation 630.849 m asl

**Radiocarbon Sample**

Weight of Sample \_\_\_\_\_ g Collected by: KL Sample material: Charcoal

Estimated Age of Sample ~ 15-20,000 BP

Basis for Age Estimate associated artifacts in earlier strata

**Significance of sample, reason for dating**

Dates a post-mound; earliest phase of area

**Context**

Samples from the same horizon (Field No):

Samples from a higher (later) horizon (Field No):

Samples from a lower (earlier) horizon (Field No):

Site/Feature description (e.g., grave, dwelling, floor, etc.):

Sample located on present surface  or buried  170 cm below the surface, or partly exposed

**Possible sources of contamination in the local environment:**

Pesticides  Fertilizer  Other:

**Soil matrix:**

Clay  Soil  Other:

**Carboniferous materials present:**

Vegetation  Humus  Charcoal  Carbonates (incl. hard water)  Other

Sample context is marked on Map No. N/A → not seen in section.

**Comments:**

Didn't observe the charcoal until after it was excavated so don't have an exact provenience; easting, northing, elevation are approximate

