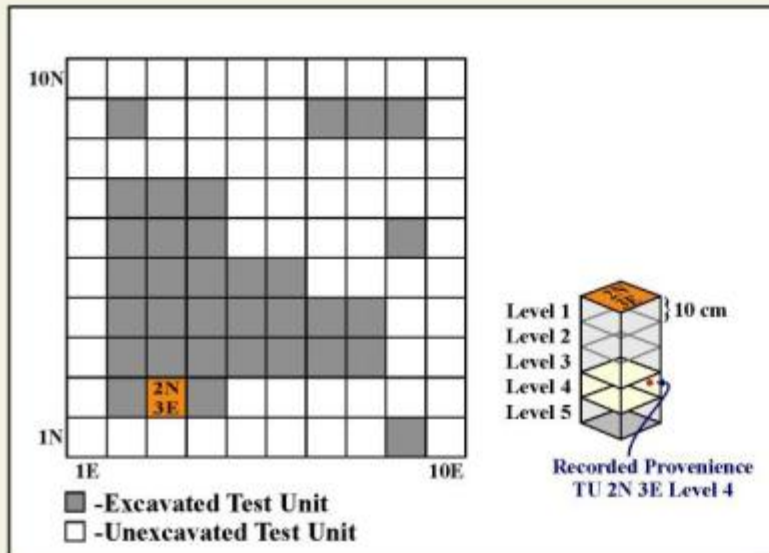


# **A Piece-Plotting Excavation Method For Archaeology**

**Derek Lee  
Bear Creek Archeology, Inc.**

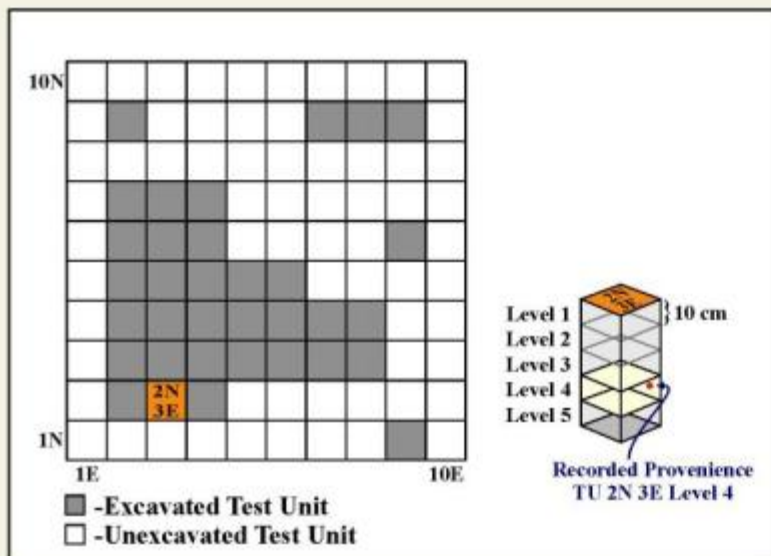
# Excavation Methods

## Traditional Excavation Method



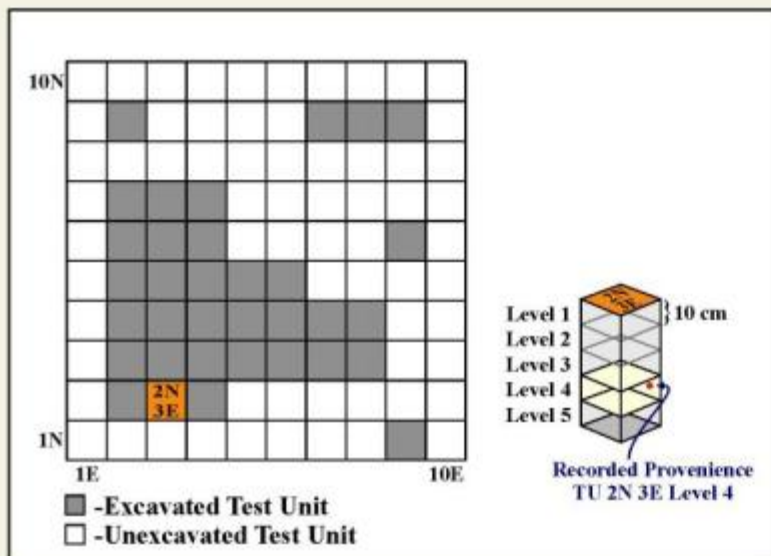
# Excavation Methods

## Traditional Excavation Method



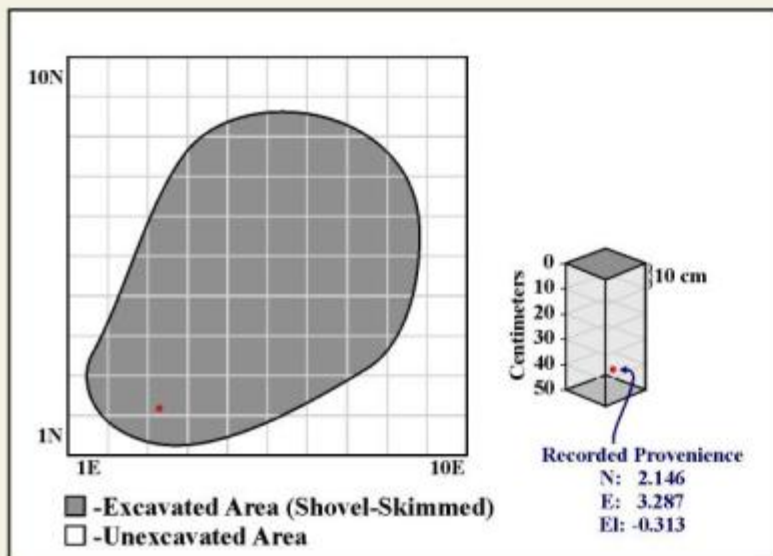
# Excavation Methods

## Traditional Excavation Method



# Excavation Methods

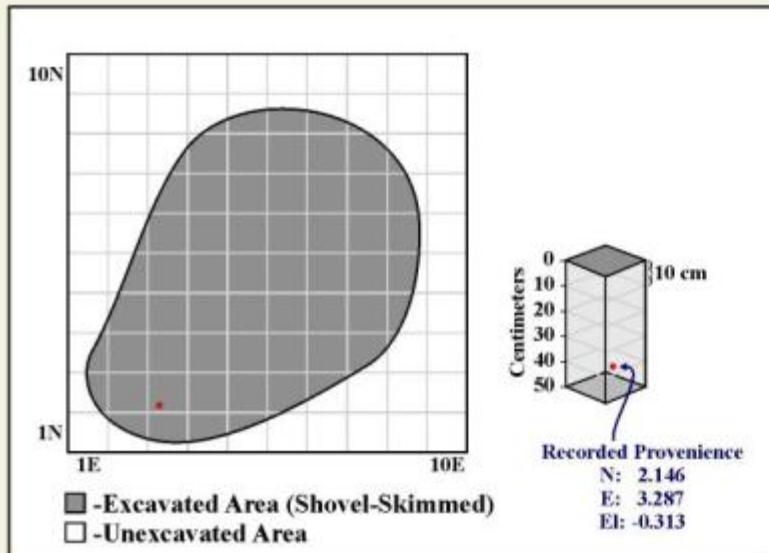
## Piece-Plotted Excavation Method





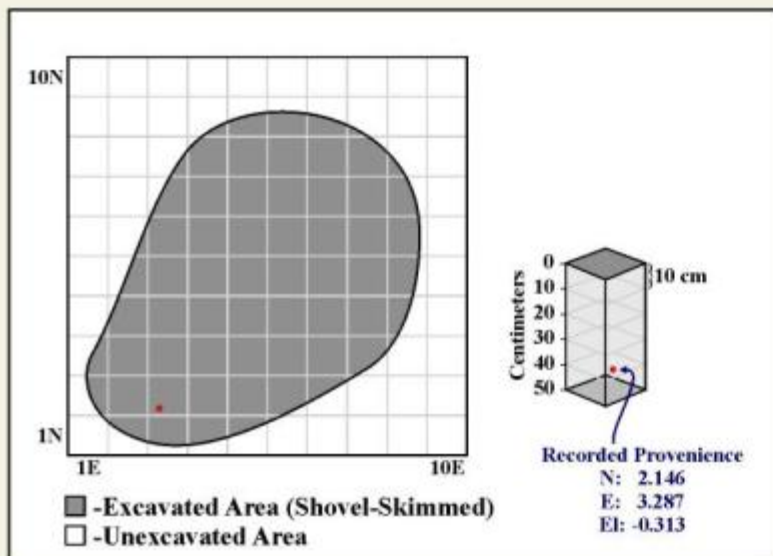
# Excavation Methods

## Piece-Plotted Excavation Method



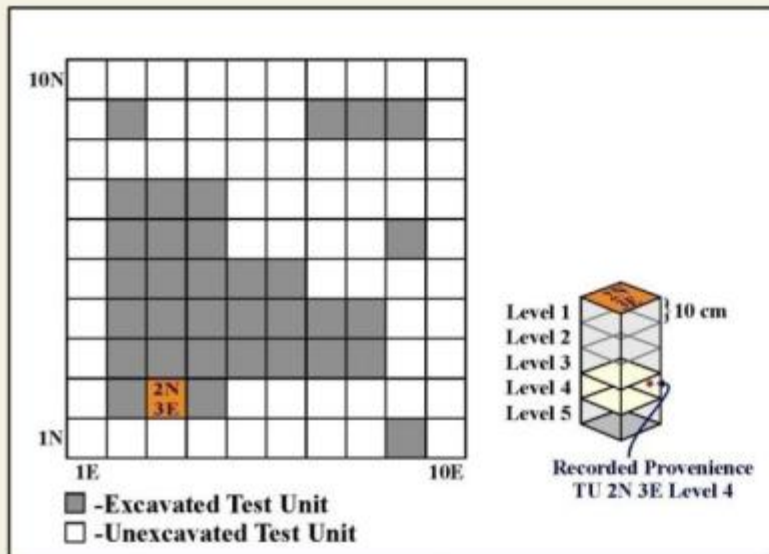
# Excavation Methods

## Piece-Plotted Excavation Method

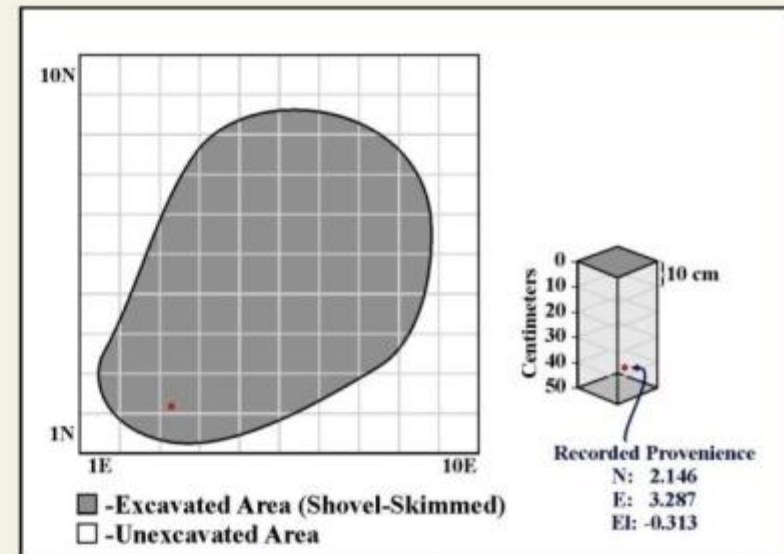


# Excavation Methods

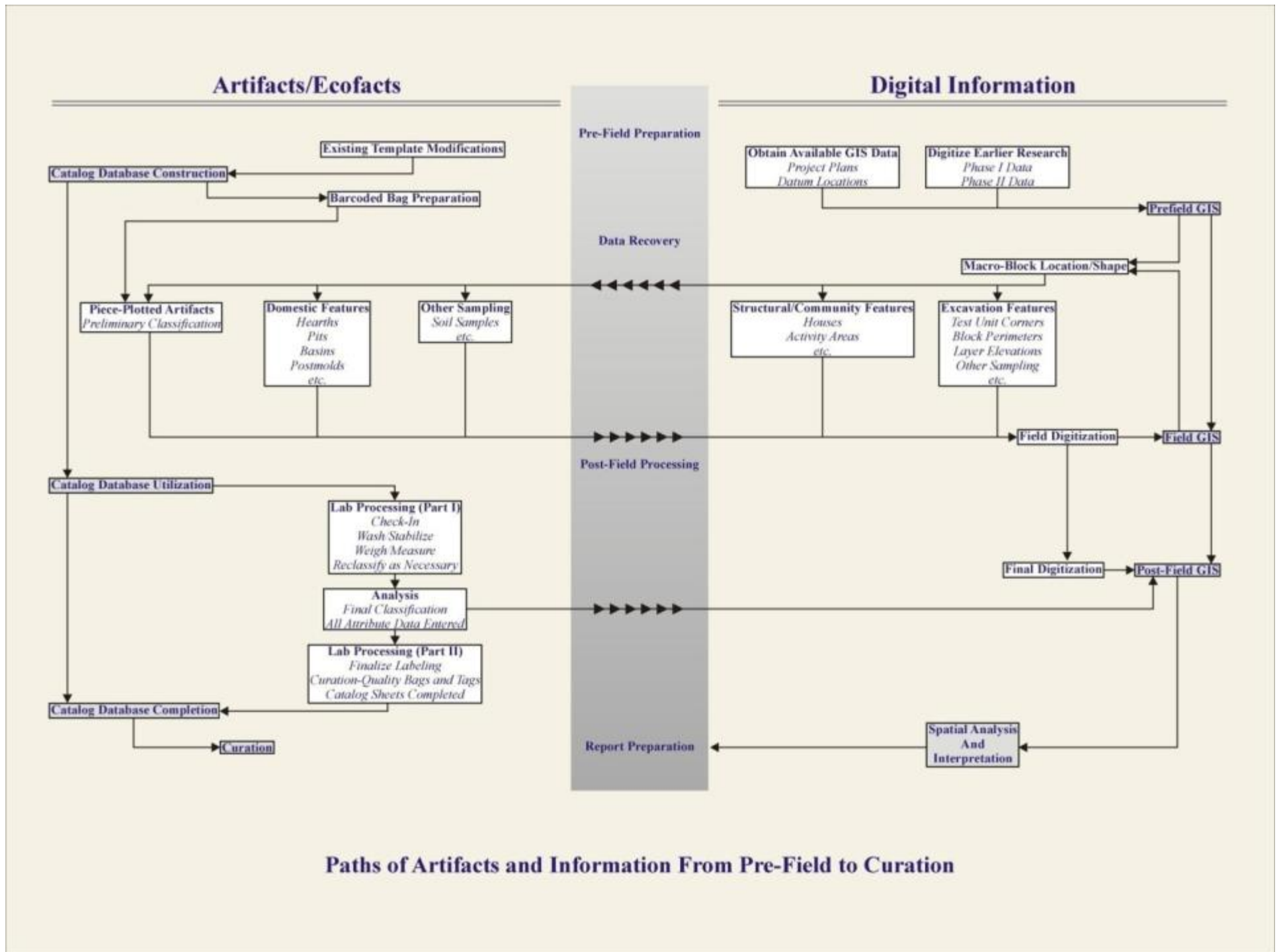
## Traditional Excavation Method

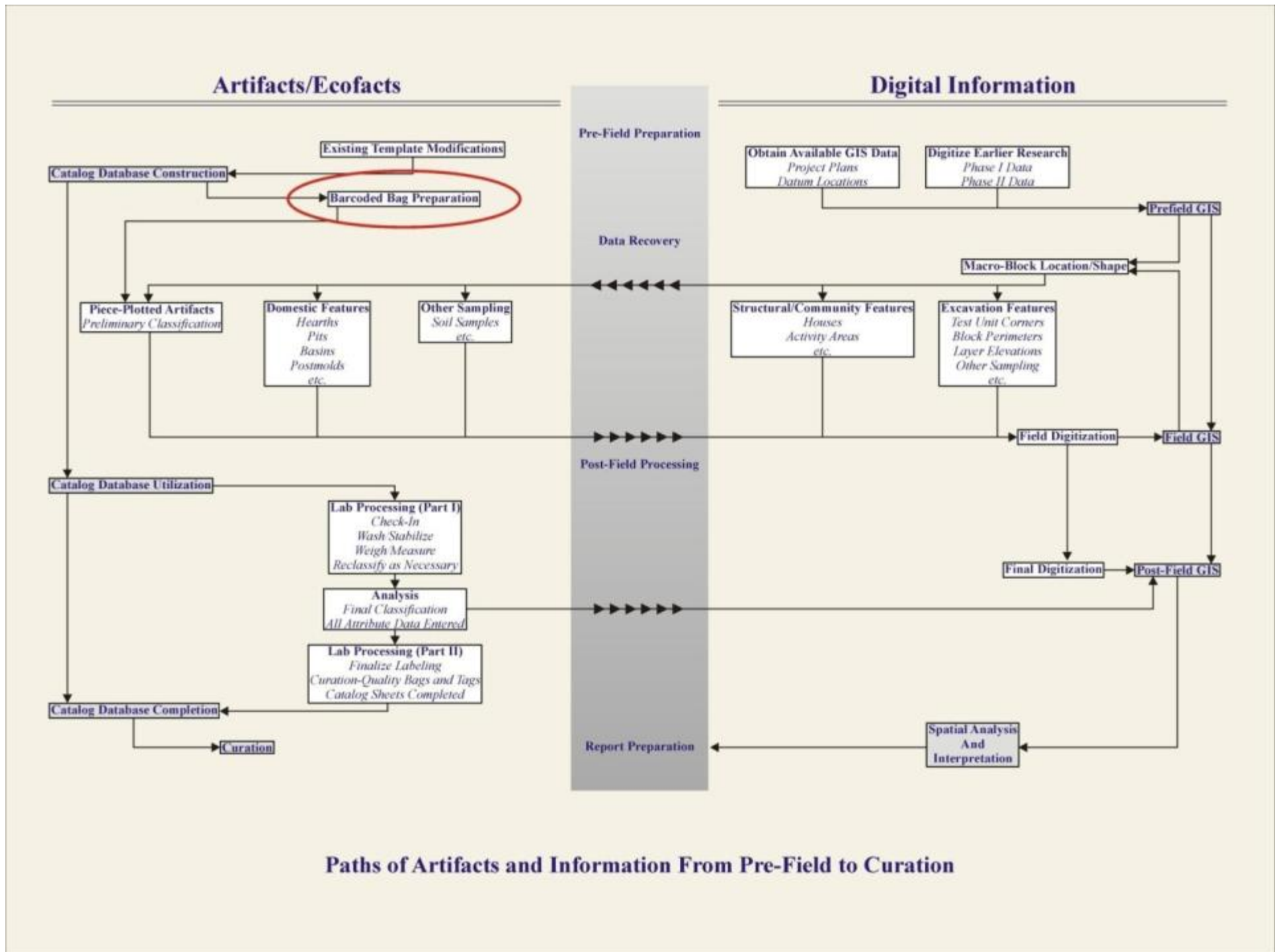


## Piece-Plotted Excavation Method



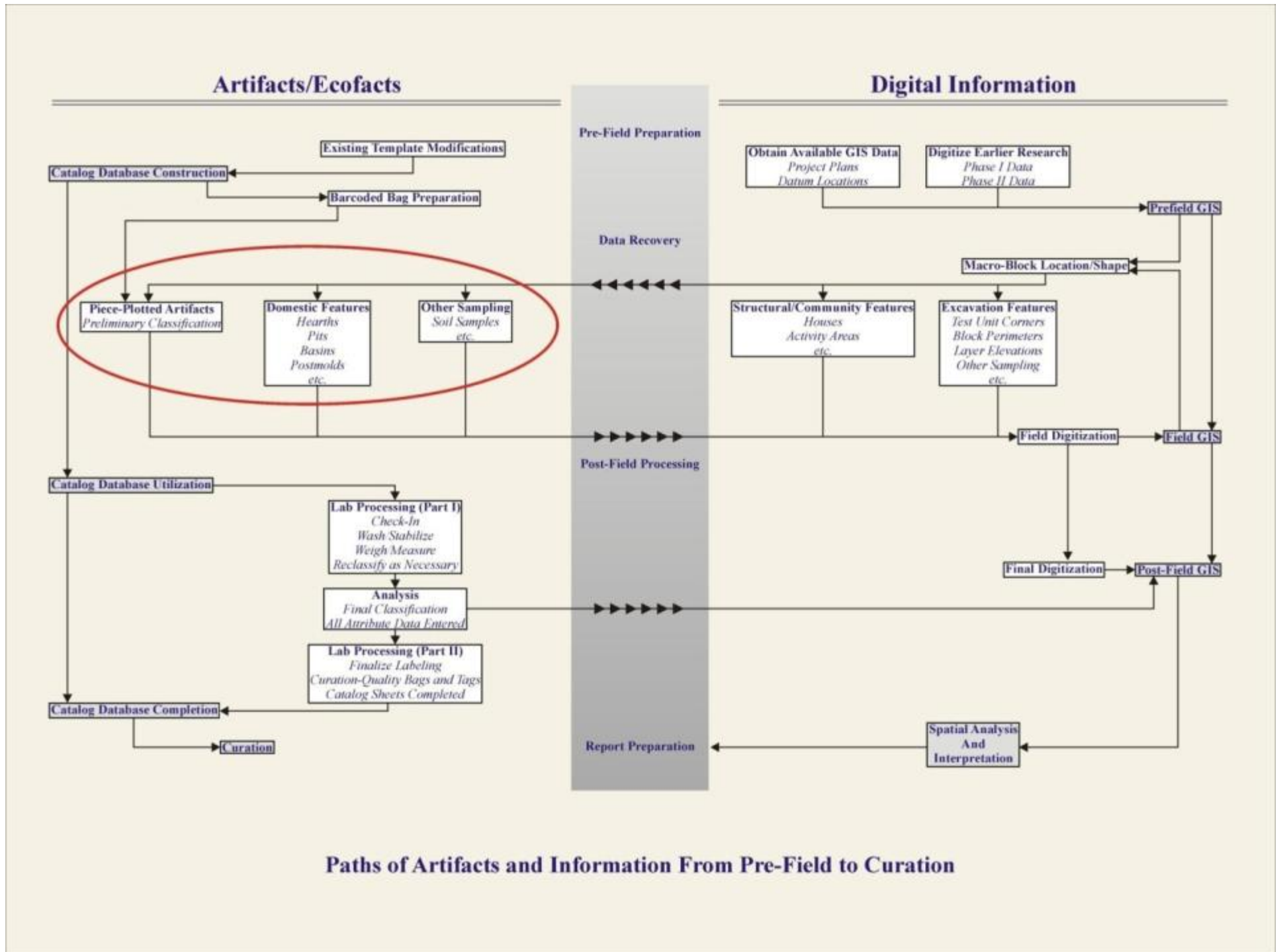






# Field Barcode Labels





# Excavation Technique



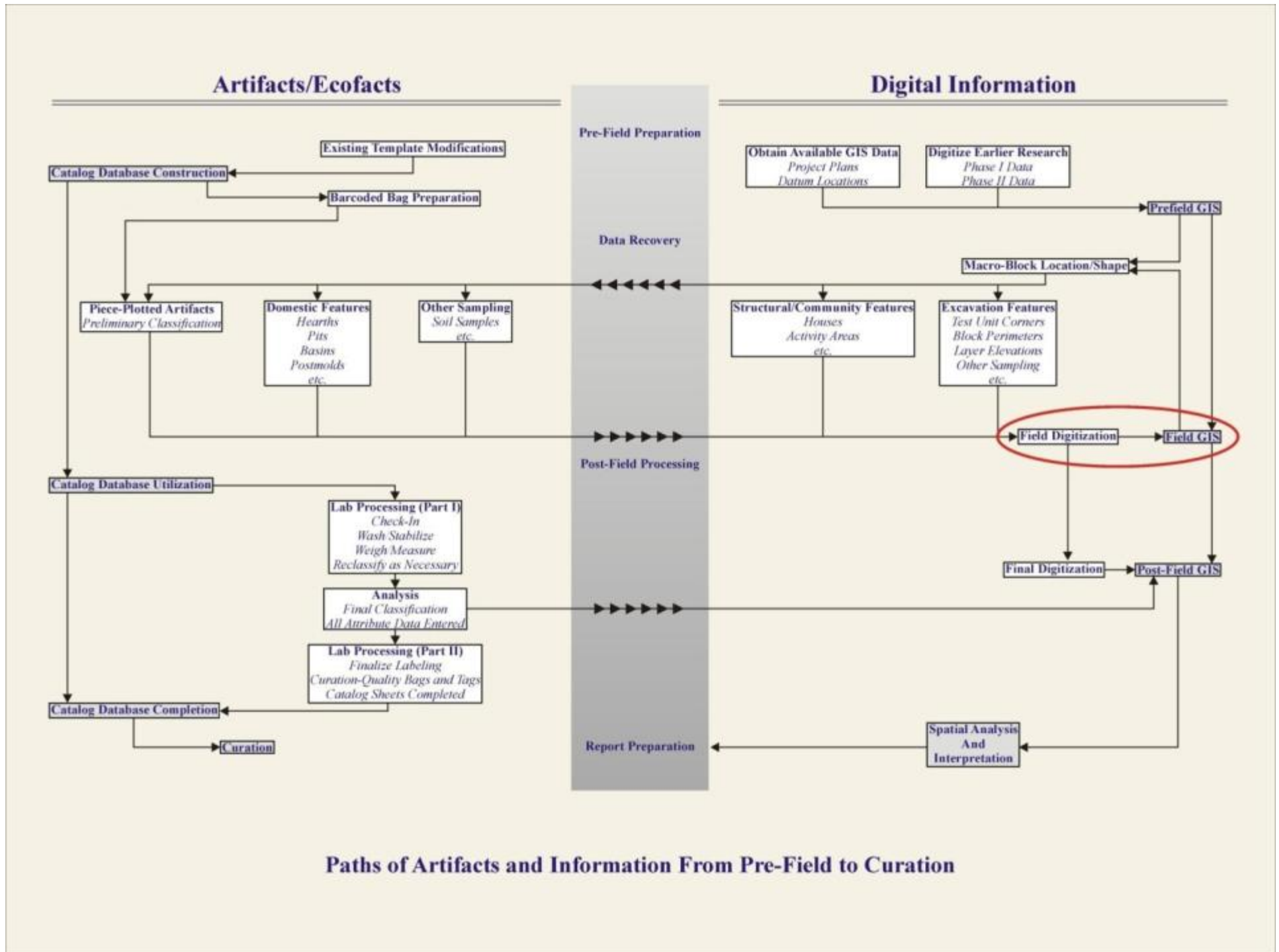


# Excavation Technique

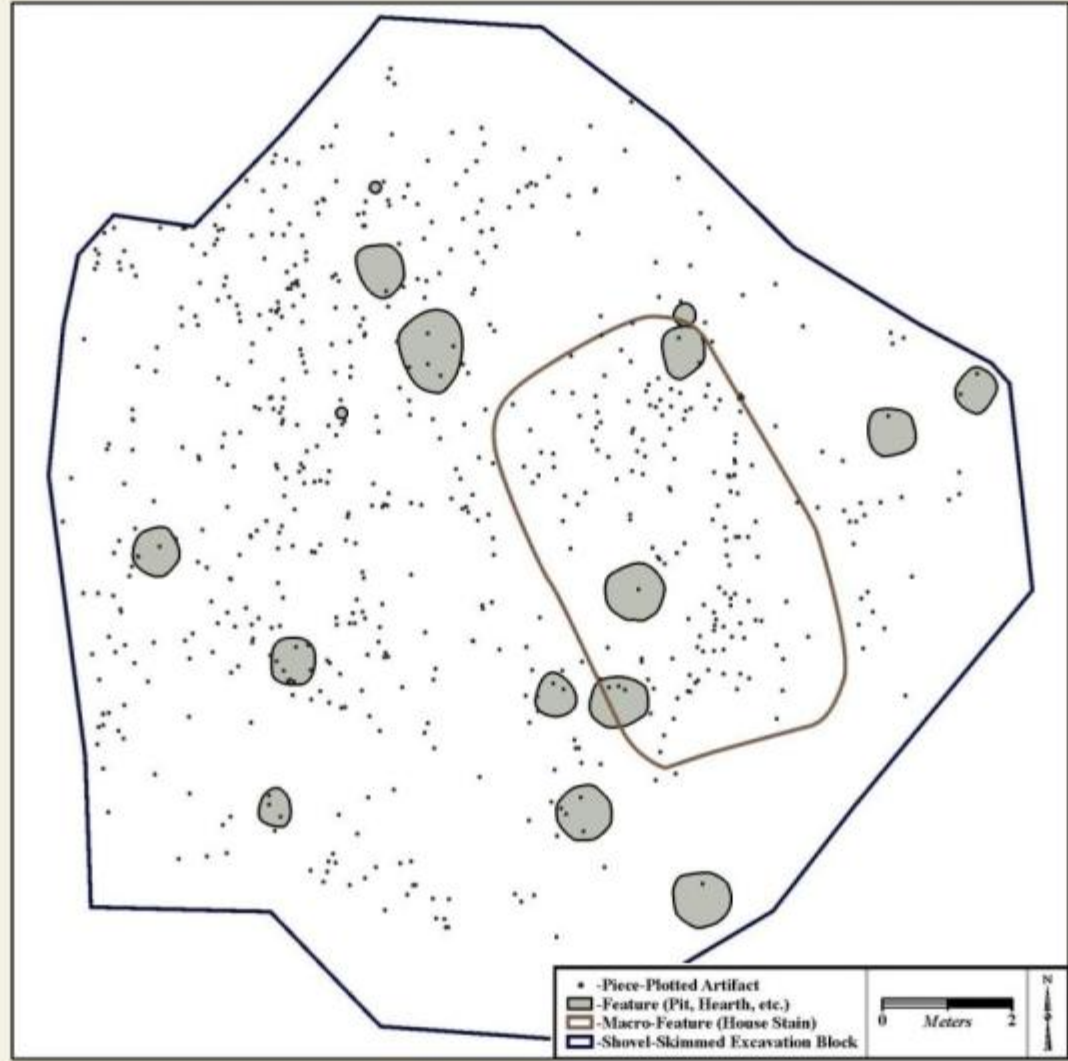


# Excavation Technique

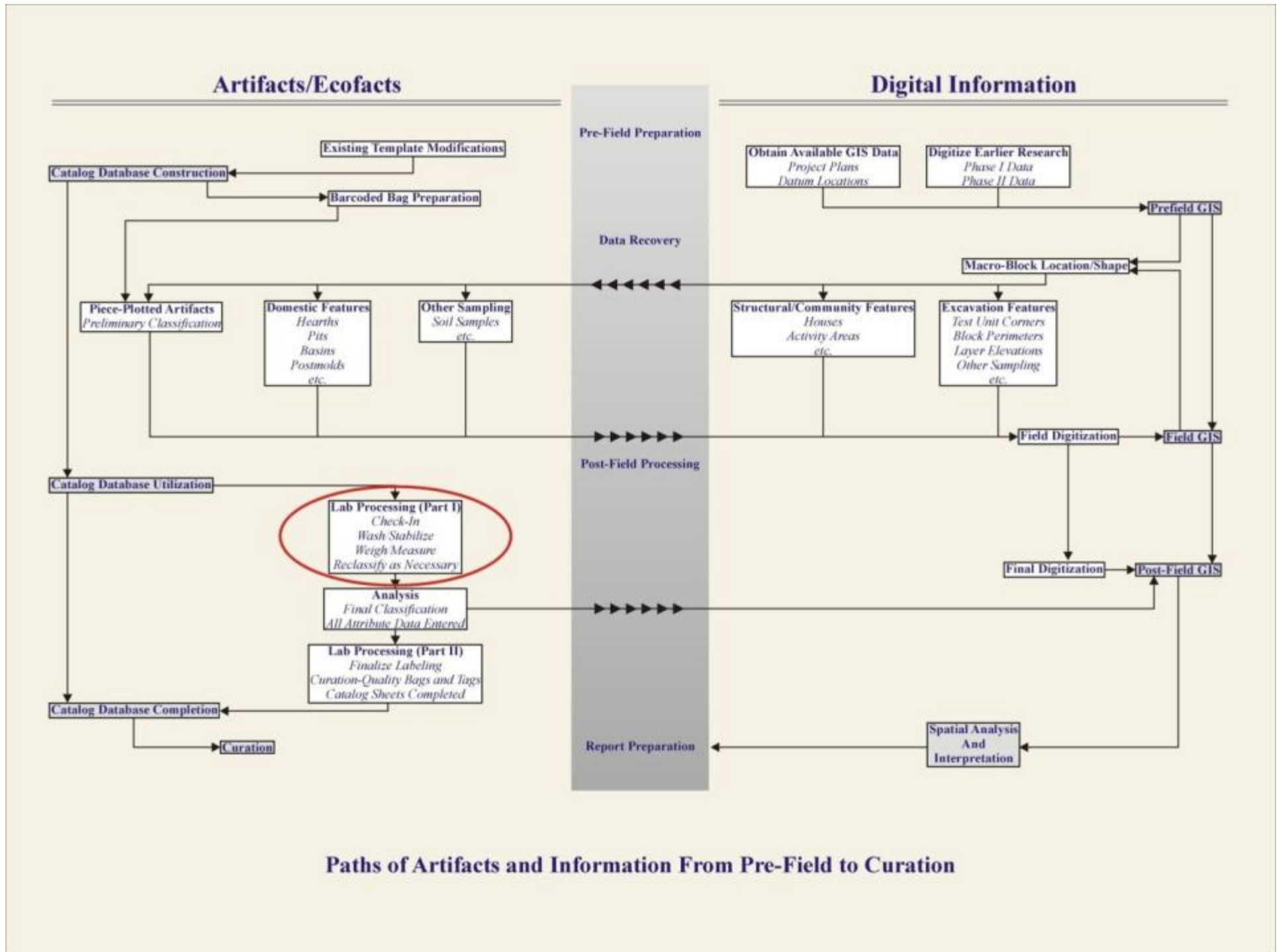




Paths of Artifacts and Information From Pre-Field to Curation



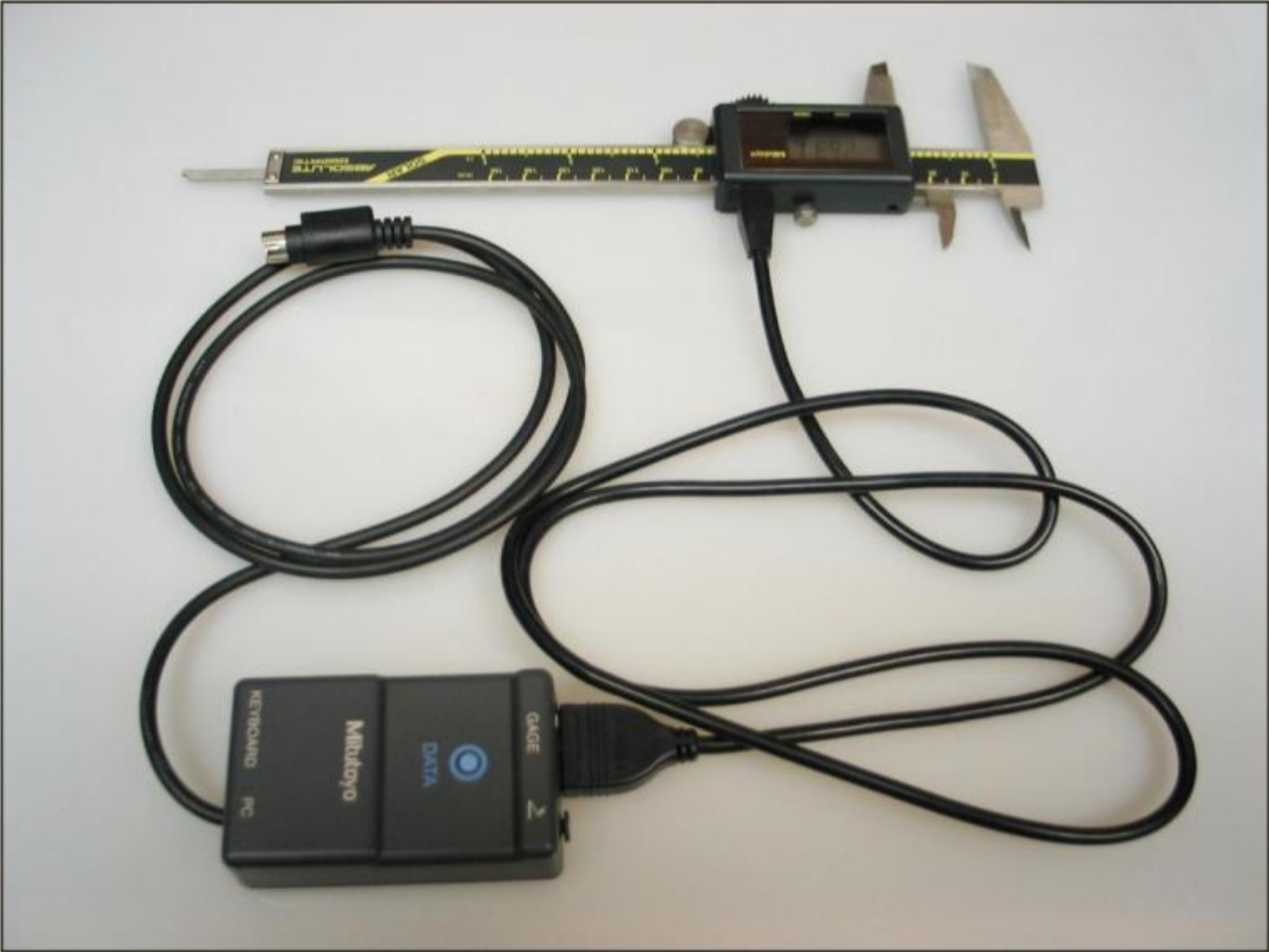


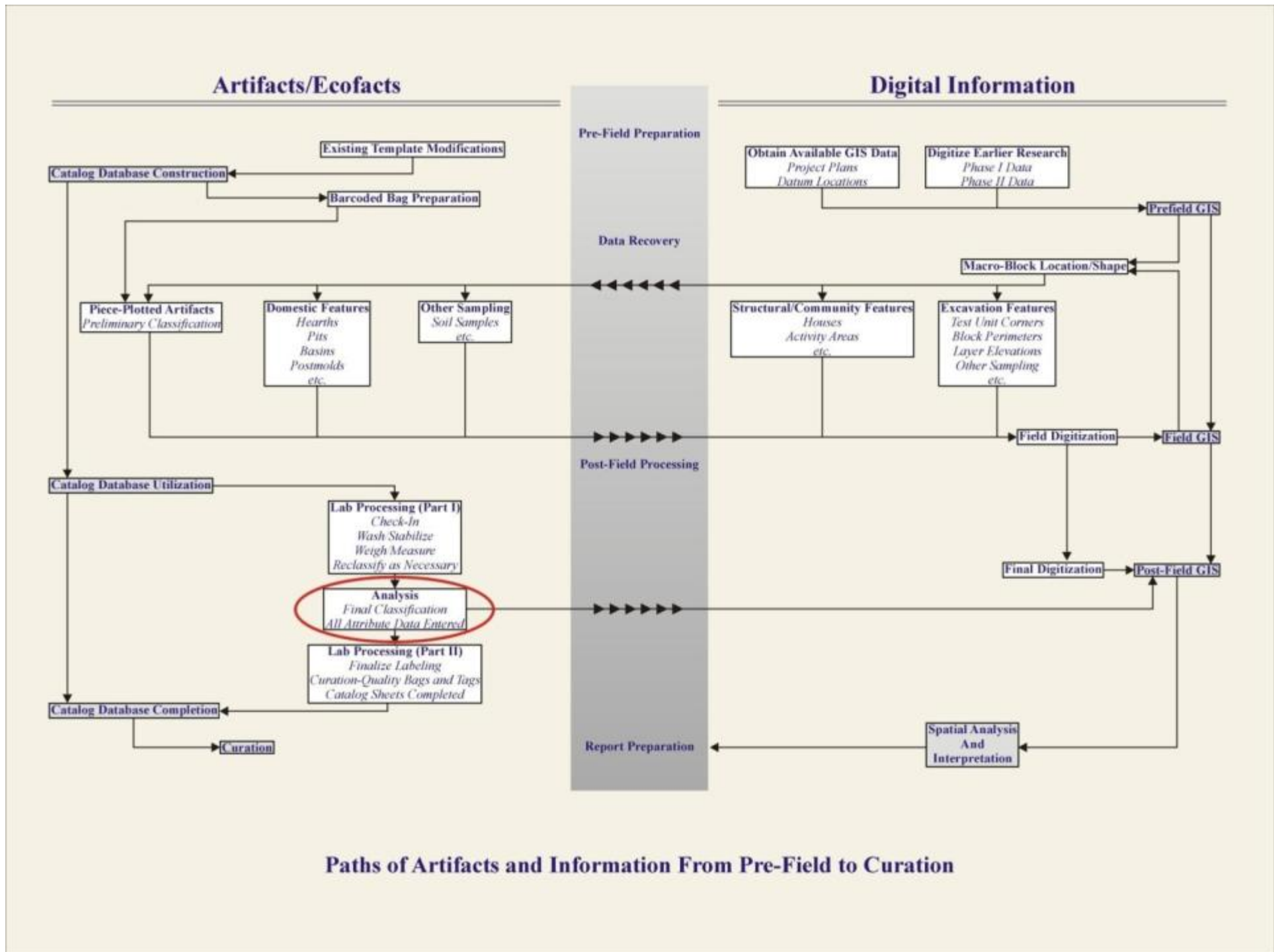












Paths of Artifacts and Information From Pre-Field to Curation

# General Data

Catalog Sheet-Bear Creek Archeology, Inc.										
BCA Project Number:	<input type="text" value="1473"/>	Site No:	<input type="text" value="13AM44"/>	<input type="button" value="Edit Value List"/>						
Accession No:	<input type="text"/>	Site Name:	<input type="text"/>	Principal Field Arch:	<input type="text"/>					
Contractor/Sponsor:	<input type="text"/>			Principal Lab Arch:	<input type="text"/>					
<input type="text"/>		Add	<input type="text"/>		1110					
+	227	FD	-	fragment, Oneota	1	6.6	5003.55	4958.92	99.45	
+	228	FD	-	platform faceting, Galena	1	0.4	5019.23	5008.77	101.04	
+	229	CST	-	flake-tool, scraper, Burlington, 1.6 g	1	1.6	5019.05	5008.61	101.00	
+	230	FD	-	fragment, Burlington	1	2.2	5018.81	5008.14	101.05	
+	231	FD	-	interior, Shakopee oolitic	1	1.1	5018.63	5007.87	101.02	
+	232	CST	-	flake-tool, knife, Blanding, 3 g	1	3	5018.46	5007.63	100.93	
+	233	FD	-	shatter, Oneota	1	0.1	5017.54	5007.71	100.84	
+	234	FD	-	fragment, Blanding	1	0.1	5017.17	5007.95	100.88	
+	235	FD	-	shatter, Burlington	1	1	5016.74	5007.25	100.90	
+	236	FD	-	tertiary thinning, Galena	1	0.2	5016.65	5007.65	100.85	
+	237	NCR	-	road gravel	1	0.4	5016.59	5007.51	100.86	
+	238	CST	-	unfinished biface, Shakopee non-oolitic, 3.	1	3.5	5016.50	5007.60	100.84	
+	239	FD	-	secondary thinning, Burlington	1	0.2	5016.16	5007.52	100.78	
+	240	FD	-	primary thinning, Galena	1	0.3	5016.29	5006.94	100.83	
+	241	CST	-	flake-tool, graver, Shakopee non-oolitic, 6.	1	6.8	5015.97	5006.92	100.77	
+	242	FD	-	corner spall, Shakopee oolitic	1	4	5015.67	5007.57	100.70	
+	243	CST	-	uniface, endscraper, Galena, 4.2 g	1	4.2	5014.32	5007.10	100.64	
+	244	FD	-	primary thinning, Burlington	1	0.9	5013.82	5006.26	100.62	
+	245	FD	-	secondary thinning, Burlington	1	0.2	5013.50	5006.30	100.65	



# Detailed Data Sample

**Chipped Stone**
Add To Value List
Close

Type:

Sub Type:

Material:

Detach Tech.:

Platform Type:

Plat Prep:

Termination:

Morphology:

Morphology Ratio:

Prod Tech:

Resharp  
 Recycling  
 Refurbishing

Hafted  
 Heat-Treated  
 Burned  
 Broken

Length:

Width:  Cortex:  + -

Thick:  Size Grade:  + -

Weight:  Flake Scars:  + -

Type Name:

### Tool Types

Tool 1:

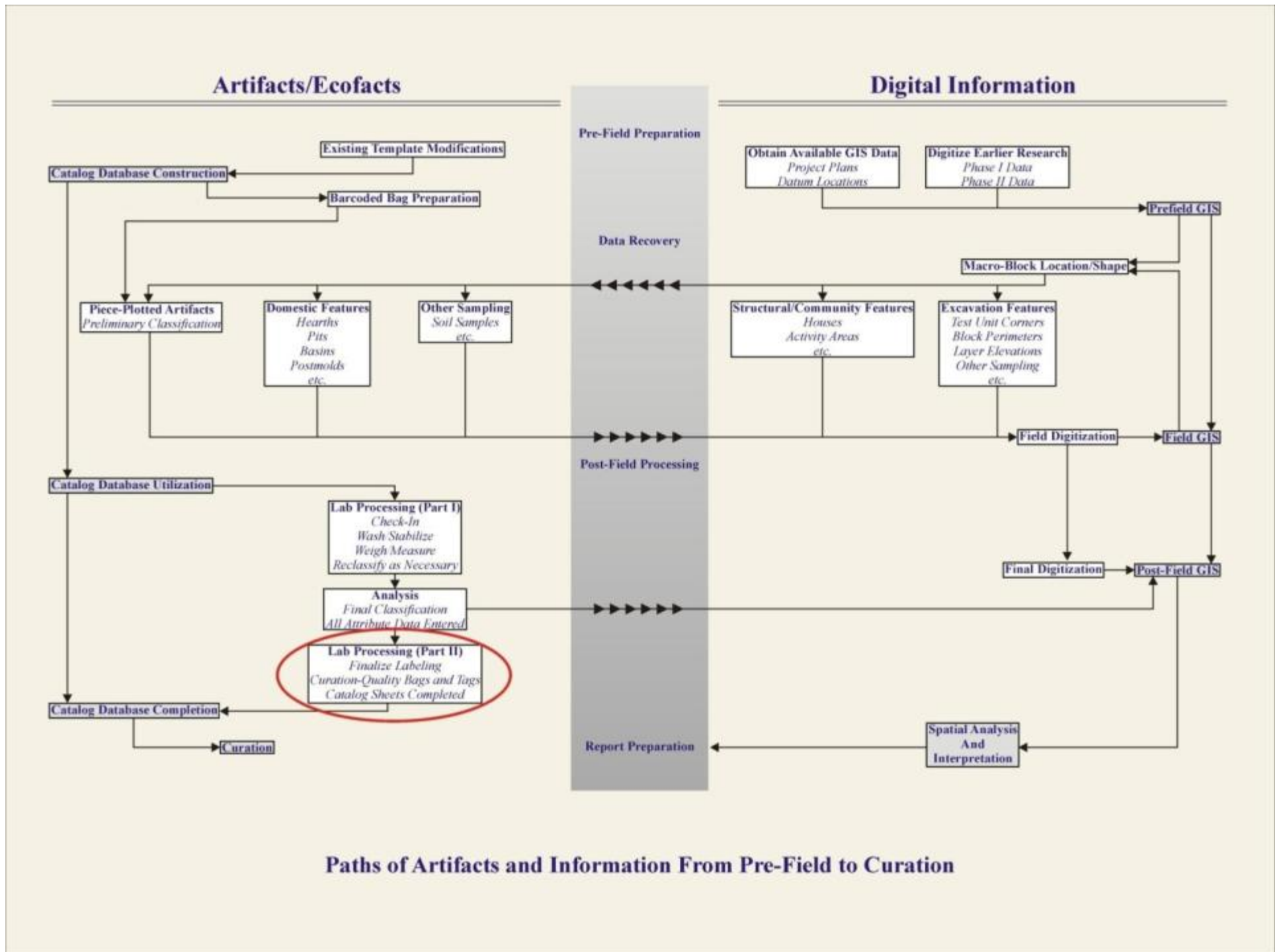
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<input type="text"/>	<input type="text"/>	<input type="text"/>	Shape:	<input type="text"/>
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Tool 2:

Orientation	Use-Wear	Modified Material	Location:	
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Tool 3:

Orientation	Use-Wear	Modified Material	Location:	
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<input type="text"/>	<input type="text"/>	<input type="text"/>	Depth:	<input type="text"/>
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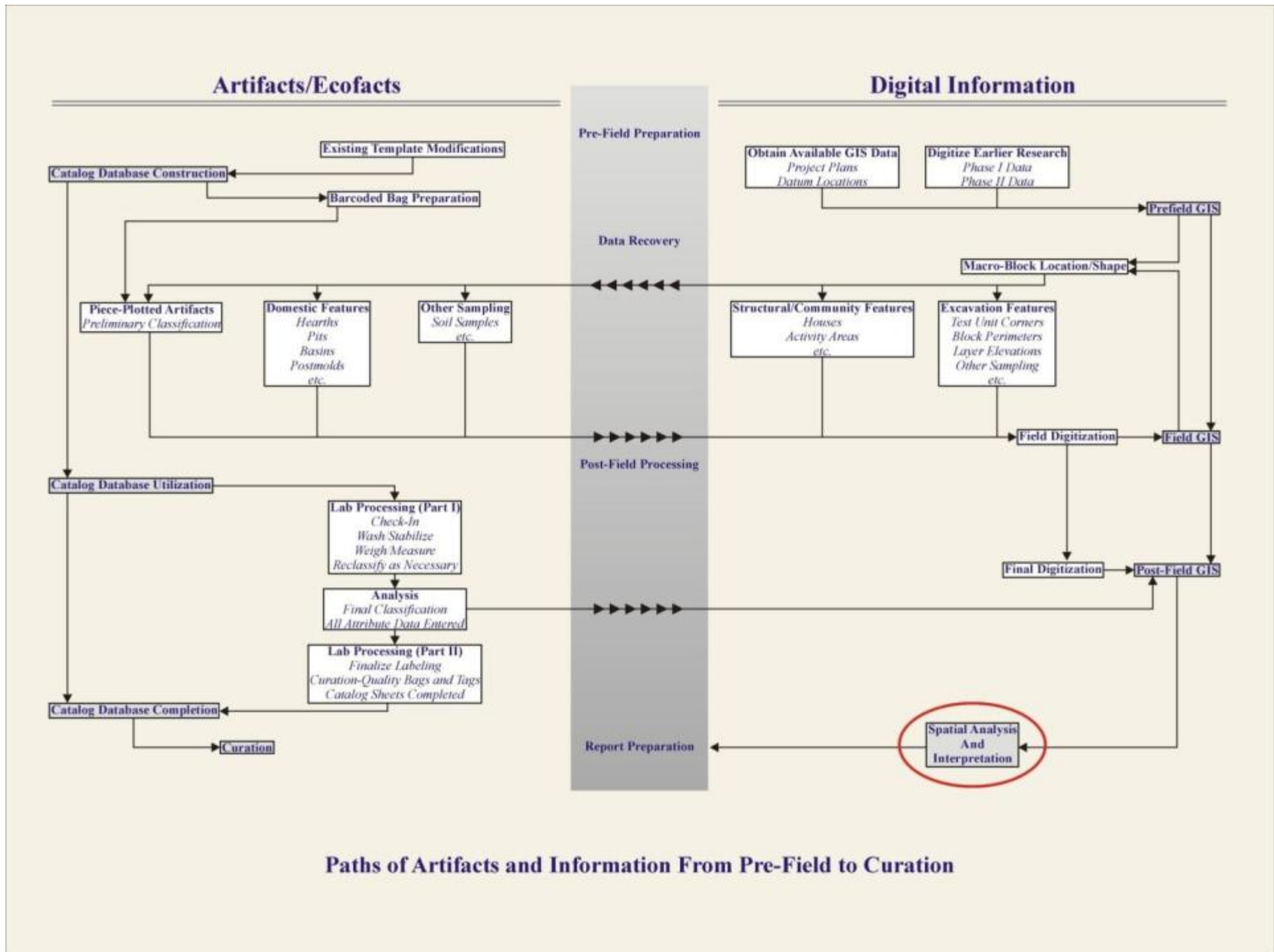


Paths of Artifacts and Information From Pre-Field to Curation

# Curation Tags

Site 13AM44  
Cat No 202  
North 5005.394  
East 5003.652  
Elev 100.049  
Feature \_\_\_\_\_  
BCA Project # 1473  
Excavator LB  
Date 5/5/08





Paths of Artifacts and Information From Pre-Field to Curation

GN  
↑

- Excavation Block
- Structure Loci
- Feature
- Palisade
- Piece-Plotted Artifact
- Piece-Plotted Flake

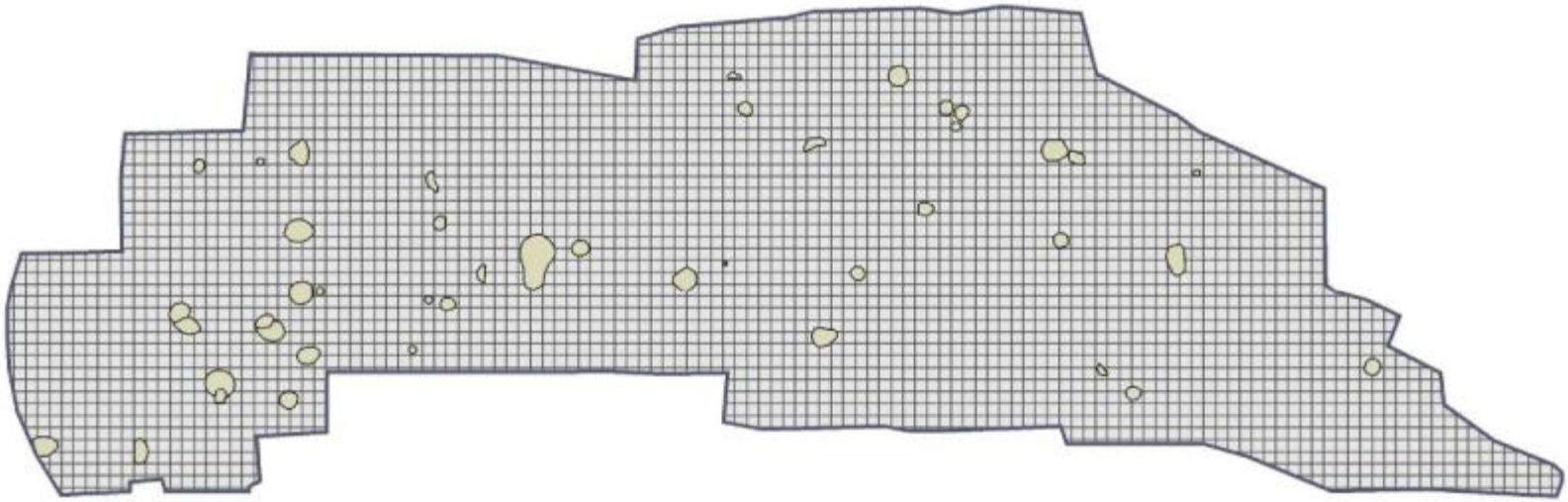


0 15 m

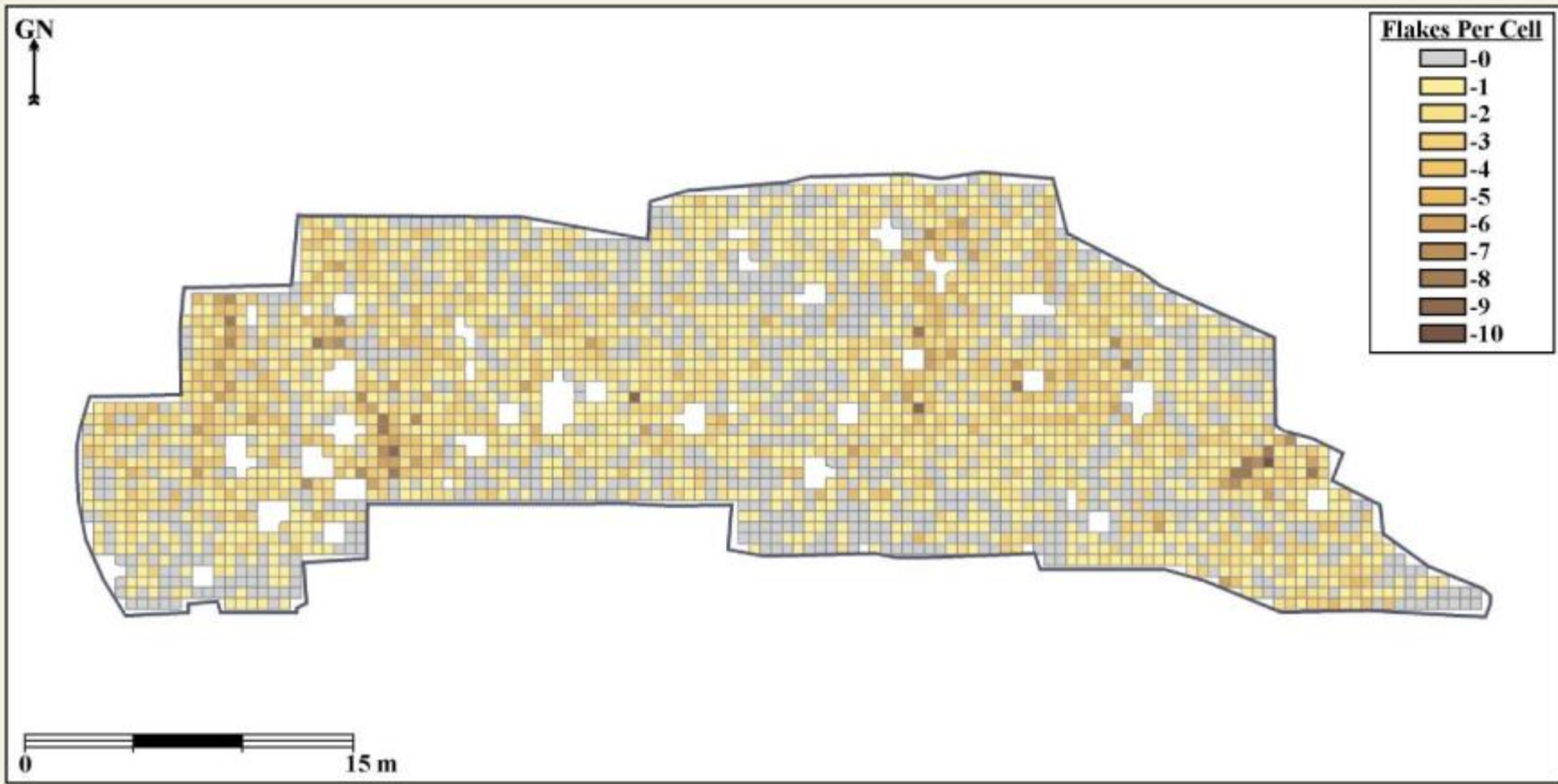


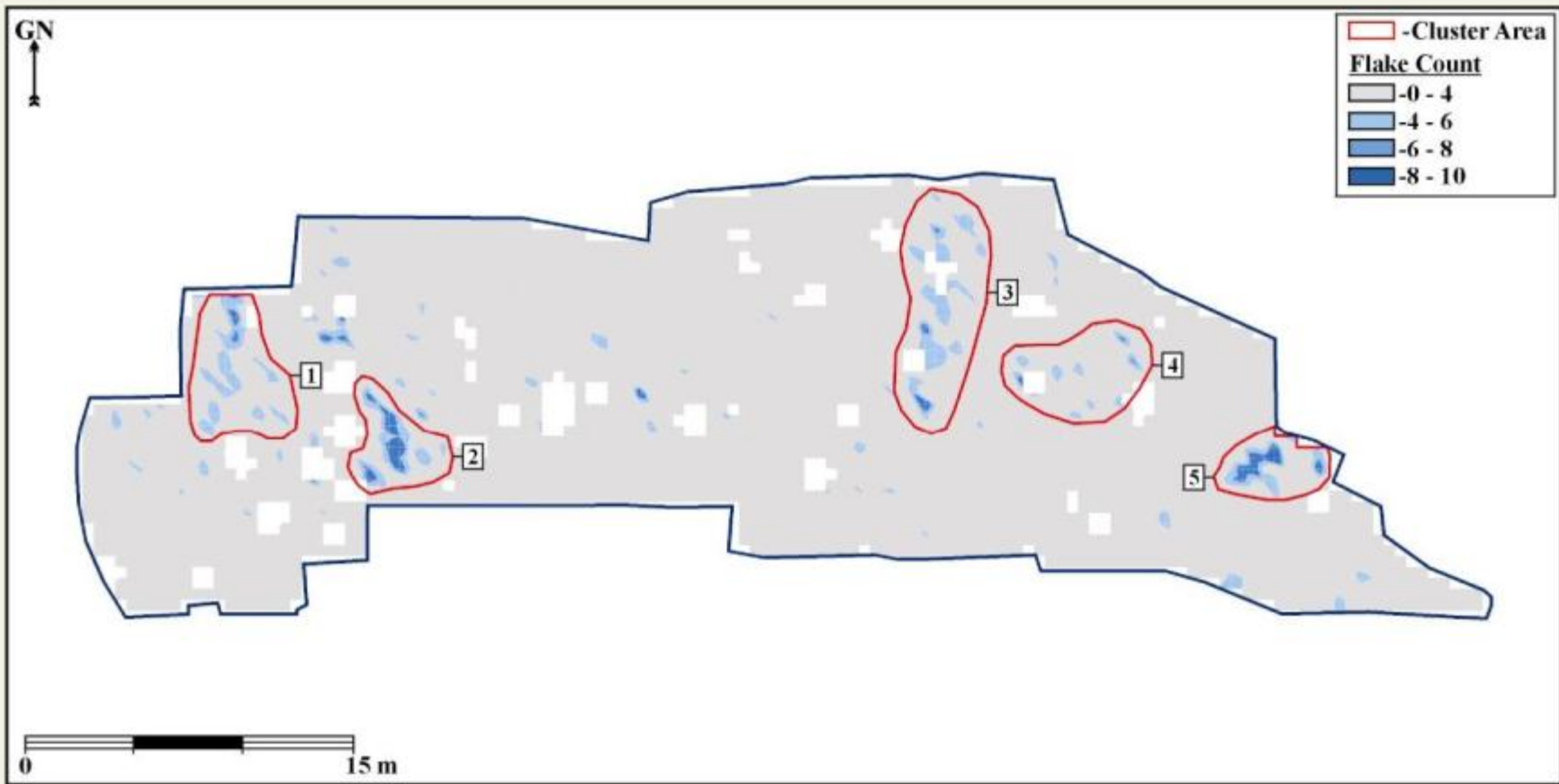
GN  
↑

- Excavation Block
- 50 cm Grid Inside Excavation Block
- Feature



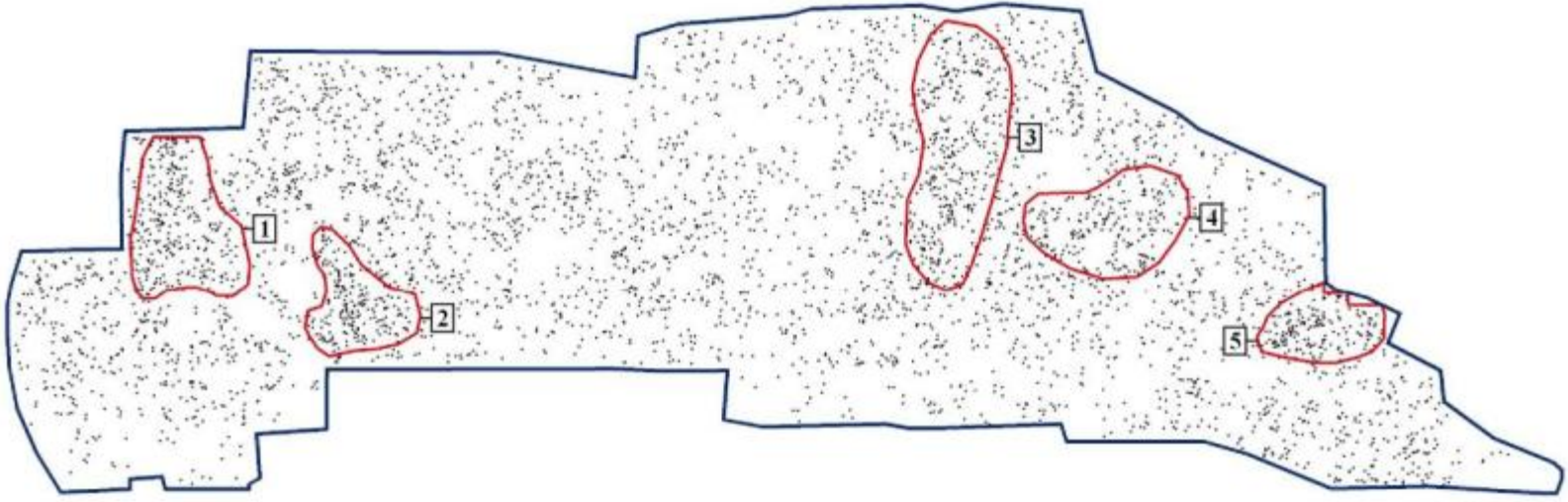
0 15 m





GN  
↑

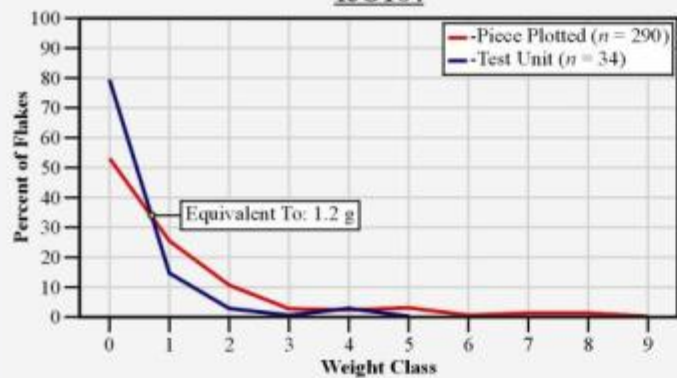
□ -Cluster Area  
● -Piece-Plotted Flake (>.25 g)



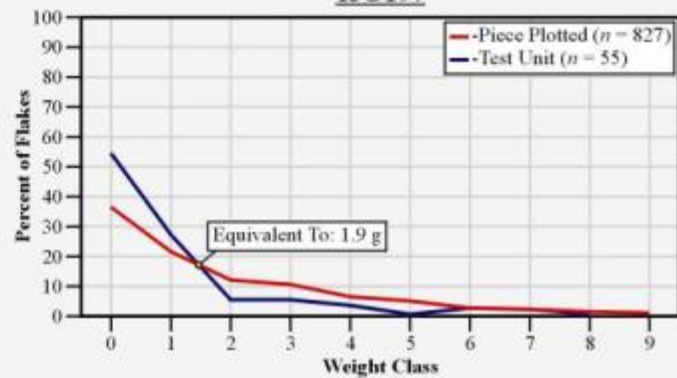
# **Recovery Rate Comparisons**



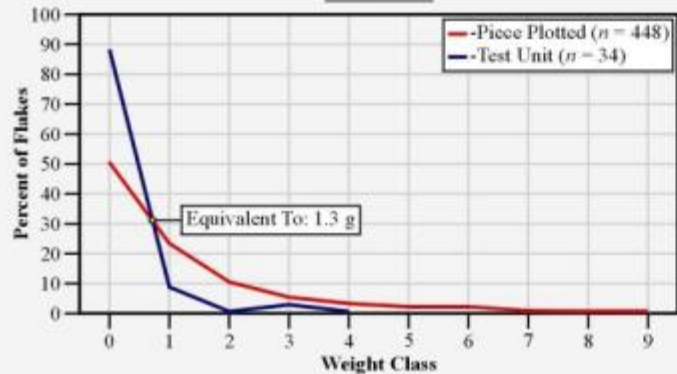
**13GT84**



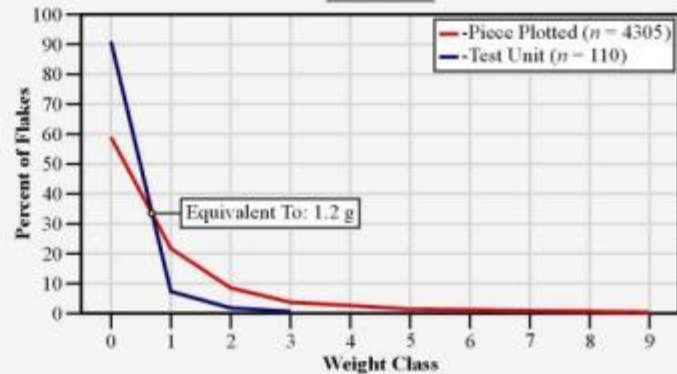
**13GT97**



**13AM403**



**13AM404**



**13DB497**

