

**LAND AT LANTHRONE,  
TIDEFORD CROSS,  
CORNWALL.**

**NGR: SX 3435 6056**

**ARCHAEOLOGICAL EVALUATION**

**Quality Assurance**

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## **SUMMARY**

In April and May 2013, Foundations Archaeology undertook a programme of archaeological evaluation on land at Lanthrone, Tideford Cross, Cornwall (NGR: SX 3435 6056).

The project comprised the excavation and recording of 19 trenches across a proposed development area, in order to test and refine the results of a previous geophysical survey.

The evaluation, in conjunction with the geophysical survey, has identified an undated square enclosure at the east of the site, along with later Medieval – Post-medieval agricultural and quarrying activity at the west.

Numerous undated former agricultural boundaries, along with some undated, isolated pits, were also present within the site.

A single struck flint represented limited evidence for Prehistoric activity within the general locale. A small amount of later Medieval – Post-medieval pottery, along with bone, glass and metal probably represented general agricultural or domestic detritus.

## GLOSSARY OF ARCHAEOLOGICAL TERMS AND ABBREVIATIONS

### Archaeology

For the purpose of this project, archaeology is taken to mean the study of past human societies through their material remains from prehistoric times to the modern era. No rigid upper date limit has been set, but AD 1900 is used as a general cut-off point.

### CBM

Ceramic Building Material.

### French Drain

A ditch pitched from a high area to a lower one and filled with gravel or rock.

### Magnetic Survey

Geophysical survey technique used to define areas of past human activity by mapping spatial variations and contrast in the magnetic properties of soil, subsoil and bedrock.

### Medieval

The period between the Norman Conquest (AD 1066) and *circa* AD 1500.

### Natural

In archaeological terms this refers to the undisturbed natural geology of a site, in this case *Torpoint Formation* - Mudstone and Siltstone and *Saltash Formation* - Slate, Siltstone and Basaltic Lava.

### NGR

National Grid Reference from the Ordnance Survey Grid.

### OD

Ordnance Datum; used to express a given height above sea-level. (AOD Above Ordnance Datum).

### OS

Ordnance Survey.

### Post-medieval

The period between *circa* AD 1500 and AD 1900.

### Prehistoric

The period prior to the Roman invasion of AD 43. Traditionally sub divided into; Palaeolithic – c. 500,000 BC to c. 12,000 BC; Mesolithic – c. 12,000 BC to c. 4,500 BC; Neolithic – c. 4,500 BC to c. 2,000 BC; Bronze Age – c. 2,000 BC to c. 800 BC; Iron Age – c. 800 BC to AD 43.

### Roman

The period between AD 43 and AD 410.

## 1 INTRODUCTION

- 1.1 This report presents the findings of an archaeological evaluation undertaken by Foundations Archaeology in April and May 2013 on land at Lanthrone, Tideford Cross, Cornwall (NGR: SX 3435 6056). The project was commissioned by Elgin Energy Ltd.
- 1.2 The project was undertaken in accordance with the general principles of the National Planning Policy Framework (NPPF, 2012) and complied with an approved Written Scheme of Investigation (Foundations Archaeology, 2013) and the *Standard and Guidance for Archaeological Field Evaluation* (Institute for Archaeologists - IfA, 2008). Foundations Archaeology is an IfA registered archaeological organisation and is certified to BS EN ISO 9001: 2008 for quality assurance in the provision of archaeological services.
- 1.3 The site comprises two areas of agricultural land to the west and east of 'Tideford Cross Lane', as shown in Figures 1 and 2. At the time of the fieldwork the western area comprised pasture, whilst the eastern area consisted of recently ploughed fields. The underlying geology comprises *Torpoint Formation* - Mudstone and Siltstone and *Saltash Formation* - Slate, Siltstone and Basaltic Lava (BGS: geology of Britain online viewer).

## 2 PROJECT BACKGROUND

- 2.1 An archaeological assessment of the site was undertaken by Andrew Josephs Associates in 2012. The assessment highlighted that the site was generally of moderate archaeological potential for the recovery of significant finds and features of all periods, although it also highlighted the importance of Lanthrone farmstead, which is known to have been in existence since AD 1392.
- 2.2 A magnetic geophysical survey was subsequently undertaken by Archaeological Surveys Ltd. in 2013. This survey identified a number of archaeological features including a square enclosure (Figure 2; Ref: A), a sub-circular enclosure with internal features (Ref: B) and an irregularly shaped, narrow, elongated enclosure (Ref: C). A significant number of ditch-type anomalies were also identified.
- 2.3 The development area therefore contained the potential for the preservation of archaeological features and deposits.
- 2.4 In light of the potential for the presence of archaeological features within the proposed development area, the Cornwall Council Historic Environment Planning Advice Officer (HEPAO) required that an archaeological evaluation was undertaken in order to inform any subsequent planning application.

### 3 AIMS

- 3.1 The aim of the archaeological evaluation was to gather high quality data from the direct observation of archaeological deposits, in order to allow the characterisation of the on-site archaeological resource.
- 3.2 This aim was achieved through pursuit of the following specific objectives:
- i) to identify and define the nature of archaeological deposits on site and date these, where possible;
  - ii) to attempt to characterize the nature of the archaeological sequence and recover information about the spatial patterning of features present on the site;
  - iii) where possible, to define a well dated stratigraphic sequence and recover coherent artefactual and environmental evidence;
  - iv) a specific objective of this project was to establish the depths of archaeologically non-significant overburden within the site; in order to facilitate potential future mitigation of archaeological deposits, with a view to preservation *in-situ*. The archaeological evaluation, therefore, sought to minimize its impact upon archaeological deposits, whilst still achieving a coherent resource characterization.

### 4 METHODOLOGY

- 4.1 A total of 19 trenches were excavated across the survey area, as shown in Figure 2. The majority of the trenches were located to test previously identified geophysical anomalies. Trench 19 was excavated, in agreement with the Cornwall Council HEPAO, in order to evaluate the land immediately west of the former farm.
- 4.2 Topsoil and non-significant overburden was removed to the top of the archaeological deposits or natural, whichever was encountered first. This was achieved by use of a 360° mechanical excavator, equipped with a toothless grading bucket. All mechanical excavation was conducted under the direction of a suitably experienced archaeologist. Thereafter, all additional excavation was conducted by hand.
- 4.3 Where necessary, trenches were trowel cleaned in order to adequately define possible deposits.
- 4.4 All excavation and recording work was undertaken in accordance with the Written Scheme of Investigation and the Foundations Archaeology Technical Manual 3: Excavation Manual.

## 5 RESULTS AND DISCUSSION

- 5.1 A full stratigraphic description of all contexts identified in the course of the project is detailed in Appendix 1, a note on the recovered pottery is given in Appendix 2 and a list of miscellaneous finds is presented in Appendix 3. A summary discussion is given below.
- 5.2 The geology was fairly consistent across the surveyed area and comprised mudstone shillets with patches of silt; although Trench 12 contained a solid clay natural. Visibility conditions were generally good. The overburden varied across the site; with some trenches containing natural deposits overlaid by intermittent subsoil and, subsequently, plough/topsoil, whilst others contained natural directly overlaid by the plough/topsoil.
- 5.3 There was no direct evidence for plough damage; although, trenches containing natural deposits overlaid by ploughsoil are likely to have suffered a degree of plough truncation. Preservation conditions were generally good where trenches contained subsoil.
- 5.4 There was a moderate correlation between the geophysical survey results and the features present within the evaluation, as shown in Figures 8 and 9. Some features predicted by the survey were not present, whilst a number of trenches contained features which were not predicted by the survey.
- 5.5 The evaluation revealed the presence of 34 ditches, one possible terrace, seven pits and three other features.
- 5.6 Ditches [103], [105], [107], [109], [202], [204], [302], [403], [405], [503], [505], [507], [509], [511], [602], [803], [805], [903], [909], [1003], [1102], [1202], [1204], [1602], [1903], [1911] and [1913] were predominately the remains of agricultural land boundaries. A significant number of the ditches had very shallow profiles, which suggested that they were the remains of shallow ‘scoops’, possibly related to hedgerow/bank construction. The evaluation trenching, in conjunction with the geophysical survey, has indicated that these boundaries have variable alignments and are likely to represent multiple phases of agricultural landscape activity. The stratigraphic phasing between ditches [202] and [204] supported this interpretation. There was a general paucity of dating evidence; however, pottery recovered from ditches [505], [602] and [1913], along with glass present within ditch [109], suggested that at least some of these boundaries were datable to the Medieval or Post-medieval periods and, as such, were most likely related to the former farm.
- 5.7 Four pits ([609], [612], [615] and [617]), which were present within Trench 6, were cut into solid shillet deposits and probably represented evidence for former quarrying, which partly corresponded with the geophysical survey results. Pottery recovered from some of the pits suggested that this activity dated to the later Medieval or Post-medieval periods and, as such, was most likely related to construction activity associated with the former farm. It is



possible that features [1905] and [1907], which were present within Trench 19, also represented evidence for quarrying.

- 5.8 Feature [604] was only partially present within Trench 6; however, the feature appeared to represent the northern edge of a terrace, which had been cut into the natural shillet. Terrace [604] contained Post-medieval pottery, brick and bone, along with a metal artefact and, therefore, probably represented the northern edge of the Post-medieval farmyard associated with the farm buildings to the southeast. Feature [606] possibly represented a re-cut of the farmyard terrace.
- 5.9 Feature [1909] was only visible in section and its form and function remained unclear; although, pottery contained within fill (1910) indicated that it most likely represented later Medieval or Post-medieval activity.
- 5.10 Pits [905], [907] and [1108] were relatively isolated features, none of which were associated with artefactual evidence. The interpretation of these features therefore remained uncertain.
- 5.11 Ditch [1105]/(1106) contained shillet fragments, which had been laid within a soil matrix. There was no evidence for mortar and the shillet fragments were fairly loose and relatively dispersed within the fill, which suggested that the feature represented a *French Drain*, as opposed to a wall-footing.
- 5.12 Ditch [1302] probably corresponded with the northern part of geophysics 'Enclosure B'; however, in light of the relatively variable geophysics results on this site, it remained uncertain if ditch [1302] represented part of a sub-circular enclosure, or merely part of an agricultural boundary ditch. Moreover, the internal features predicted by the geophysical survey were not present within Trench 13.
- 5.13 Ditches [1403], [1505] and [1604] all corresponded well with geophysics 'Square Enclosure A', which suggested that the geophysics results relating to this feature can be treated with a high degree of confidence. No finds were present within the ditches and, as such, the enclosure remained undated. There were no features within the enclosure, or any other evidence relating to its function; although, the relatively shallow depth of the ditches (up to 0.60m) suggested that it was more likely to be an agricultural feature, as opposed to a defensive installation.
- 5.14 Ditches [1503] and [1507] corresponded with geophysics 'Elongated Enclosure C'; however, both of the features were relatively wide and shallow and it was not entirely certain if they represented part of an enclosure or evidence for hedgerow/bank construction (see para. 5.6).
- 5.15 A single struck flint, which was recovered from the Trench 5 spoil heap, represented limited evidence for Prehistoric activity within the general locale. A small amount of later Medieval – Post-medieval pottery, along with bone, glass and metal was recovered from the trenches; most of this material probably represented general agricultural or domestic detritus.

- 5.16 The evaluation, in conjunction with the geophysical survey, has identified an undated square enclosure (Enclosure A) at the east of the site, along with later Medieval – Post-medieval agricultural and quarrying activity, associated with the former farm, at the west.
- 5.17 Numerous undated former agricultural boundaries, along with some undated, isolated pits, were also present within the site.
- 5.18 The archive is currently located at the offices of Foundations Archaeology but will be deposited with the Royal Cornwall Museum in due course.

## **6 BIBLIOGRAPHY**

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## **7 ACKNOWLEDGEMENTS**

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Land at Lanthrone, Tideford Cross, Cornwall: Archaeological Evaluation

APPENDIX 1: Stratigraphic Data

CXT	L(m)	W(m)	D(m)	DESCRIPTION	CUTS/LATER THAN	CUT BY/EARLIER THAN
				<b>Trench 1: 45m by 1.8m; natural (at average 46.86m OD) = grey shillet with patches of brown silt.</b>		
101	na	na	0.3	Topsoil; light brown clay silt.	102	na
102	na	na	0.1	Subsoil; dark brown silt clay. Occurred intermittently within the trench.	nat.	101
[103]	2	0.8	0.19	Northeast - southwest aligned ditch with a shallow, flat profile. Contained fill 104.	nat.	104
104	2	0.8	0.19	Fill of ditch [103]; dark brown silt, which contained occasional shillet and rare charcoal flecks.	[103]	101
[105]	2.05	1.19	0.32	Northeast - southwest aligned ditch with sloping sides and a rounded base. Contained fill 106.	nat.	106
106	2.05	1.19	0.32	Fill of ditch [105]; dark brown silt, which contained occasional shillet and rare charcoal flecks.	[105]	101
[107]	2.4	1.3	0.19	Northeast - southwest aligned ditch with a shallow, uneven profile. Contained fill 108.	nat.	108
108	2.4	1.3	0.19	Fill of ditch [107]; mid brown clay silt, which contained occasional shillet and occasional charcoal flecks.	[107]	101
[109]	2.1	0.82	0.15	Northwest - southeast aligned ditch with a shallow, rounded profile. Contained fill 110.	nat.	110
110	2.1	0.82	0.15	Fill of ditch [109]; dark brown silt, which contained occasional shillet.	[109]	101
				<b>Trench 2: 46m by 1.8m; natural (at average 42.32m OD) = grey shillet with patches of brown silt.</b>		
201	na	na	0.42	Topsoil; light brown clay silt.	nat.	na
[202]	4.5	0.69	0.13	Northwest - southeast aligned ditch with a shallow, flat profile. Contained fill 203.	205	203
203	4.5	0.69	0.13	Fill of ditch [202]; light brown clay silt, which contained occasional shillet.	[202]	201
[204]	1.83	0.84	0.39	Northeast - southwest aligned ditch with steep sides and a rounded base. Contained fill 205.	nat.	205
205	1.83	0.84	0.39	Fill of ditch [204]; light brown silt, which contained occasional shillet and occasional charcoal flecks.	[204]	[202]
				<b>Trench 3: 46m by 1.8m; natural (at average 38.28m OD) = grey shillet with patches of brown silt.</b>		
301	na	na	0.34	Topsoil; light brown clay silt.	nat.	na
[302]	2.4	0.58	0.13	Northwest - southeast aligned ditch with a shallow, flat profile. Contained fill 303.	nat.	303
303	2.4	0.58	0.13	Fill of ditch [302]; mid brown clay silt, which contained occasional shillet.	[302]	301
				<b>Trench 4: 47m by 1.8m; natural (at average 32.82m OD) = grey shillet with patches of brown silt.</b>		
401	na	na	0.32	Topsoil; light brown clay silt.	402	na
402	na	na	0.26	Subsoil; dark brown silt clay. Occurred at the northwestern half of the trench only.	nat.	401

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CXT	L(m)	W(m)	D(m)	DESCRIPTION	CUTS/LATER THAN	CUT BY/EARLIER THAN
[403]	2.1	0.59	0.3	Northeast - southwest aligned ditch with a steep, rounded profile. Contained fill 404.	nat.	404
404	2.1	0.59	0.3	Fill of ditch [403]; mid brown clay silt, which contained occasional shillet. The stratigraphic relationship between fill 404 and subsoil 402 was uncertain.	[403]	401
[405]	2.05	0.58	0.12	East-northeast - west-southwest aligned ditch with a shallow, rounded profile. Contained fill 406.	nat.	406
406	2.05	0.58	0.12	Fill of ditch [405]; light brown clay silt, which contained occasional shillet.	[405]	401
				<b>Trench 5:</b> 50m by 1.8m; natural (at average 46.77m OD) = grey shillet with patches of brown silt.		
501	na	na	0.33	Topsoil; light brown clay silt.	502	na
502	na	na	0.19	Subsoil; dark brown silt clay. Occurred intermittently within the trench.	nat.	501
[503]	1.8	0.54	0.22	North-northwest - south-southeast aligned ditch with a steep, rounded profile. Contained fill 504.	nat.	504
504	1.8	0.54	0.22	Fill of ditch [503]; dark brown silt clay, which contained occasional shillet.	[503]	501
[505]	2.1	0.43	0.08	Northwest - southeast aligned ditch with a shallow profile. Ditch [505] was situated at a near right-angle to ditch [507].	nat.	506
506	2.1	0.43	0.08	Fill of ditch [505]; dark brown silt clay.	[505]	501
[507]	3.85	0.26	0.04	Northeast - southwest aligned ditch with a shallow profile. Contained fill 508.	nat.	508
508	3.85	0.26	0.04	Fill of ditch [507]; dark brown silt clay.	[507]	501
[509]	1.9	0.59	0.06	North-northwest - south-southeast aligned ditch with a shallow, flat profile. Contained fill 510.	nat.	510
510	1.9	0.59	0.06	Fill of ditch [509]; mid brown clay silt.	[509]	501
[511]	2.1	0.44	0.05	Northwest - southeast aligned ditch with a shallow profile. Contained fill 512.	nat.	512
512	2.1	0.44	0.05	Fill of ditch [511]; mid brown clay silt.	[511]	501
				<b>Trench 6:</b> 51m by 1.8m; natural (at average 42.43m OD) = grey shillet with patches of brown silt.		
601	na	na	0.41	Topsoil; light brown clay silt.	nat.	na
[602]	8	0.82	0.22	Northeast - southwest aligned ditch with a steep, rounded profile. Contained fill 603.	nat.	603
603	8	0.82	0.22	Fill of ditch [602]; dark brown silt, which contained frequent shillet.	[602]	601
[604]	1.33	0.85	0.32	East-northeast - west-southwest aligned cut feature with a steep northern edge and a flat base. Contained fill 605.	nat.	605
605	1.33	0.85	0.32	Fill of cut [604]; dark brown plastic silt clay, which contained occasional shillet and occasional charcoal flecks.	[604]	[606]
[606]	2.65	1.64	0.22	East-northeast - west-southwest aligned cut feature with a steep, irregular northern edge and a flat base.	605	607
				Contained fills 607 and 608.		

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CXT	L(m)	W(m)	D(m)	DESCRIPTION	CUTS/LATER THAN	CUT BY/EARLIER THAN
607	?	0.68	0.13	Fill of cut [606]; dark brown plastic silt clay, which contained occasional small stones.	[606]	608
608	2.65	1.64	0.22	Fill of cut [606]; dark brown friable silt clay, which contained frequent shillet.	607	601
[609]	2.4	1.32	0.49	Cut feature, probably a pit, with a steep, uneven profile. Contained fills 610 and 611.	nat.	610
610	?	1.68	0.34	Fill of pit [609]; yellow orange silt clay, which contained occasional shillet and occasional charcoal flecks.	[609]	611
611	2.4	1.32	0.17	Fill of pit [609]; light brown orange silt clay, which contained rare shillet and occasional charcoal flecks.	610	601
[612]	8.25	1.85	0.54	Large cut feature, probably a pit, with an uneven profile. Contained fills 613 and 614.	nat.	613
613	?	1.85	0.41	Fill of pit [612]; orange brown clay silt, which contained occasional shillet and quartz and occasional charcoal flecks.	[612]	614
614	8.25	1.85	0.17	Fill of pit [612]; dark brown clay silt, which contained rare shillet and occasional charcoal flecks.	613	601
[615]	1.65	1.71	0.21	Cut feature, probably a pit, with a shallow, uneven profile. Contained fill 616.	nat.	616
616	1.65	1.71	0.21	Fill of pit [615]; light brown silt clay, which contained occasional shillet and occasional charcoal flecks.	[615]	601
[617]	4.3	1.85	0.6	Cut feature, probably a pit, with steep sides and an uneven base. Contained fills 618 and 619.	nat.	618
618	?	3.5	0.29	Fill of pit [617]; dark brown silt, which contained frequent shillet.	[617]	619
619	4.3	1.85	0.31	Fill of pit [617]; brown silt, which contained rare shillet.	618	601
				<b>Trench 7:</b> 51m by 1.8m; natural (at average 53.28m OD) = grey shillet with patches of brown silt.		
701	na	na	0.35	Topsoil; light brown clay silt.	702	na
702	na	na	0.15	Subsoil; dark brown silt clay. Occurred intermittently within the trench.	nat.	701
				No archaeological features, deposits or artefacts were present within the trench.		
				<b>Trench 8:</b> 51m by 1.8m; natural (at average 55.63m OD) = grey shillet with patches of brown silt.		
801	na	na	0.36	Topsoil; light brown clay silt.	802	na
802	na	na	0.3	Subsoil; dark brown silt clay. Occurred intermittently within the trench.	nat.	801
[803]	1.85	1.53	0.17	Northeast - southwest aligned ditch with a shallow, uneven profile. Contained fill 804. Uncertain stratigraphic relationship with	nat.	804
				ditch [805].		
804	1.85	1.53	0.17	Fill of ditch [803]; grey brown silt clay.	[803]	802
[805]	2.6	1.75	0.15	Northwest - southeast aligned ditch with a shallow, rounded profile. Contained fill 806.	nat.	806
806	2.6	1.75	0.15	Fill of ditch [805]; grey brown silt clay.	[805]	802

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CXT	L(m)	W(m)	D(m)	DESCRIPTION	CUTS/LATER THAN	CUT BY/EARLIER THAN
				<b>Trench 9: 50m by 1.8m; natural (at average 51.62m OD) = grey shillet with patches of brown silt.</b>		
901	na	na	0.35	Topsoil; light brown clay silt.	902	na
902	na	na	0.22	Subsoil; mid brown silt clay. Occurred intermittently within the trench.	nat.	901
[903]	1.8	0.75	0.12	Northeast - southwest aligned ditch with a shallow, flat profile. Contained fill 904.	nat.	904
904	1.8	0.75	0.12	Fill of ditch [903]; mid brown clay silt, which contained occasional shillet.	[903]	902
[905]	2.15	0.9	0.36	Sub-oval pit with a steep, rounded profile. Contained fill 906.	nat.	906
906	2.15	0.9	0.36	Fill of pit [905]; red brown clay silt, which contained occasional charcoal flecks.	[905]	902
[907]	1.13	0.76	0.27	Cut feature, probably a pit, with a steep, rounded profile. Contained fill 908. Similar to pit [905].	nat.	908
908	1.13	0.76	0.27	Fill of pit [907]; dark brown silt, which contained occasional charcoal flecks.	[907]	902
[909]	1.8	0.24	0.06	Northeast - southwest aligned ditch with a shallow profile. Contained fill 910.	nat.	910
910	1.8	0.24	0.06	Fill of ditch [909]; dark brown silt.	[909]	902
				<b>Trench 10: 50m by 1.8m; natural (at average 46.40m OD) = grey shillet with patches of brown silt.</b>		
1001	na	na	0.26	Topsoil; light brown clay silt.	1002	na
1002	na	na	0.21	Subsoil; mid brown silt clay.	nat.	1001
[1003]	3	1.6	0.14	Curvilinear ditch with a shallow, flat profile. Contained fill 1004.	nat.	1004
1004	3	1.6	0.14	Fill of ditch [1003]; light brown clay silt, which contained occasional shillet.	[1003]	1002
				<b>Trench 11: 25m by 1.8m; natural (at average 61.73m OD) = grey shillet with patches of brown silt.</b>		
1101	na	na	0.37	Ploughsoil; light brown clay silt.	nat.	na
[1102]	1.83	0.84	0.27	North - south aligned ditch with a rounded profile. Contained fill 1104.	nat.	1104
1103				Void.		
1104	1.83	0.84	0.27	Fill of ditch [1102]; dark brown silt, which contained occasional shillet.	[1102]	1101
[1105]	1.9	0.52	0.19	North-northeast - south-southwest aligned ditch with near vertical sides and a flat base. Contained fill 1106.	nat.	1106
1106	1.9	0.52	0.19	Fill of ditch [1105]; irregular fragments of grey shillet (up to 0.6m by 0.3m by 0.11m), which were contained within a light brown grey loose silt matrix. The shillet fragments appeared to have been laid relatively flat within the ditch.	[1105]	1101
1107				Void.		
[1108]	2	0.8	0.28	Possible sub-oval pit with a rounded profile. Contained fill 1109.	nat.	1109
1109	2	0.8	0.28	Fill of pit [1108]; brown silt, which contained rare charcoal flecks.	[1108]	1101

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CXT	L(m)	W(m)	D(m)	DESCRIPTION	CUTS/LATER THAN	CUT BY/EARLIER THAN
				<b>Trench 12:</b> 50m by 1.8m; natural (at average 62.35m OD) = firm orange grey clay, which contained occasional shillet.		
1201	na	na	0.32	Ploughsoil; light brown clay silt.	nat.	na
[1202]	2.7	1.18	0.08	Northwest - southeast aligned ditch with a shallow, flat profile. Contained fill 1203. Similar to ditch [1204].	nat.	1203
1203	2.7	1.18	0.08	Fill of ditch [1202]; dark brown silt, which contained occasional shillet. Similar to fill 1205.	[1202]	1201
[1204]	2.3	1.28	0.16	Northwest - southeast aligned ditch with a shallow, flat profile. Contained fill 1205.	nat.	1205
1205	2.3	1.28	0.16	Fill of ditch [1204]; dark brown silt, which contained occasional shillet.	[1204]	1201
				<b>Trench 13:</b> 51m by 1.8m; natural (at average 60.13m OD) = grey shillet with patches of brown silt.		
1301	na	na	0.43	Ploughsoil; light brown clay silt.	nat.	na
[1302]	2.05	1.35	0.57	Northwest - southeast aligned ditch with a steep, rounded profile. Contained fills 1303 and 1304.	nat.	1303
1303	?	0.86	0.34	Fill of ditch [1302]; orange brown silt, which contained occasional charcoal flecks and occasional shillet.	[1302]	1304
1304	2.05	1.35	0.33	Fill of ditch [1302]; dark brown silt, which contained occasional charcoal flecks and occasional shillet.	1303	1301
				<b>Trench 14:</b> 50m by 1.8m; natural (at average 59.65m OD) = grey shillet with patches of brown silt.		
1401	na	na	0.37	Ploughsoil; light brown clay silt.	nat.	na
1402				Void.		
[1403]	1.9	1.66	0.55	Northeast - southwest aligned ditch with steep sloping sides and a flat base. Contained fills 1404 and 1405.	nat.	1404
1404	?	0.56	0.13	Fill of ditch [1403]; dark brown grey silt clay, which contained frequent shillet.	[1403]	1405
1405	1.9	1.66	0.45	Fill of ditch [1403]; dark brown silt, which contained occasional shillet.	1404	1401
				<b>Trench 15:</b> 50m by 1.8m; natural (at average 56.69m OD) = grey shillet with patches of brown silt.		
1501	na	na	0.27	Ploughsoil; light brown clay silt.	1502	na
1502	na	na	0.1	Subsoil; mid brown silt clay. Occurred intermittently within the trench.	nat.	1501
[1503]	2.45	2.43	0.19	Northwest - southeast aligned ditch with a shallow, flat profile. Contained fill 1504.	nat.	1504
1504	2.45	2.43	0.19	Fill of ditch [1503]; dark brown silt.	[1503]	1501
[1505]	2.22	1.27	0.47	Northwest - southeast aligned ditch with a 'V' shaped profile. Contained fill 1506.	nat.	1506
1506	2.22	1.27	0.47	Fill of ditch [1505]; dark brown silt clay, which contained occasional shillet.	[1505]	1501
[1507]	2.5	2	0.14	Northwest - southeast aligned ditch with a shallow, uneven profile. Contained fill 1508.	nat.	1508
1508	2.5	2	0.14	Fill of ditch [1507]; brown silt, which contained occasional shillet.	[1507]	1501

**Land at Lanthrone, Tideford Cross, Cornwall: Archaeological Evaluation**

CXT	L(m)	W(m)	D(m)	DESCRIPTION	CUTS/LATER THAN	CUT BY/EARLIER THAN
				<b>Trench 16:</b> 50m by 1.8m; natural (at average 57.39m OD) = grey shillet with patches of brown silt.		
1601	na	na	0.39	Ploughsoil; light brown clay silt.	nat.	na
[1602]	2.25	1.21	0.19	Northeast - southwest aligned ditch with a shallow rounded profile. Contained fill 1603.	nat.	1603
1603	2.25	1.21	0.19	Fill of ditch [1602]; dark brown grey silt, which contained frequent shillet.	[1602]	1601
[1604]	2.45	1.5	0.6	Northeast - southwest aligned ditch with steep sides and a rounded base. Contained fill 1605.	nat.	1605
1605	2.45	1.5	0.6	Fill of ditch [1604]; light brown silt clay, which contained frequent shillet and occasional charcoal flecks.	[1604]	1601
				<b>Trench 17:</b> 50m by 1.8m; natural (at average 59.04m OD) = grey shillet with patches of brown silt.		
1701	na	na	0.3	Ploughsoil; light brown clay silt.	nat.	na
				No archaeological features, deposits or artefacts were present within the trench.		
				<b>Trench 18:</b> 50m by 1.8m; natural (at average 56.01m OD) = grey shillet with patches of brown silt.		
1801	na	na	0.4	Ploughsoil; light brown clay silt.	nat.	na
				No archaeological features, deposits or artefacts were present within the trench.		
				<b>Trench 19:</b> 23m by 1.8m; natural (at average 37.80m OD) = grey shillet with patches of brown silt.		
1901	na	na	0.21	Topsoil; light brown clay silt.	1902	na
1902	na	na	0.1	Subsoil; dark brown silt clay. Occurred intermittently at the southern half of the trench only.	nat.	1901
[1903]	3.45	0.83	0.13	Northeast - southwest aligned ditch with a shallow rounded profile. Contained fill 1904.	nat.	1904
1904	3.45	0.83	0.13	Fill of ditch [1903]; light brown plastic silt clay, which contained occasional charcoal flecks and occasional shillet.	[1903]	1901
[1905]	0.4	0.37	0.2	Cut feature with a sloping edge. Contained fill 1906.	nat.	1906
1906	0.4	0.37	0.2	Fill of feature [1905]; grey brown gritty clay silt, which contained frequent shillet.	[1905]	[1909]
[1907]	2.75	1.2	0.47	Cut feature, probably a pit, with a wide, uneven profile. Contained fill 1908.	nat.	1908
1908	2.75	1.2	0.47	Fill of pit [1907]; mid brown clay silt, which contained occasional charcoal flecks and occasional shillet.	[1907]	[1909]
[1909]	?	0.92	0.28	Cut feature with a rounded profile. Contained fill 1910.	1906, 1908	1910
1910	?	0.92	0.28	Fill of feature [1909]; orange brown clay silt, which contained occasional charcoal flecks.	[1909]	1901
[1911]	2.5	0.72	0.15	Northwest - southeast aligned ditch with a shallow rounded profile. Contained fill 1912.	nat.	1912
1912	2.5	0.72	0.15	Fill of ditch [1911]; dark brown silt clay, which contained frequent shillet.	[1911]	1901
[1913]	2.5	0.58	0.2	Northwest - southeast aligned ditch with a shallow rounded profile. Contained fill 1914. Similar to ditch [1911].	nat.	1914
1914	2.5	0.58	0.2	Fill of ditch [1913]; dark brown silt clay, which contained frequent shillet.	[1913]	1901



## APPENDIX 2: The Pottery

By Henrietta Quinnell

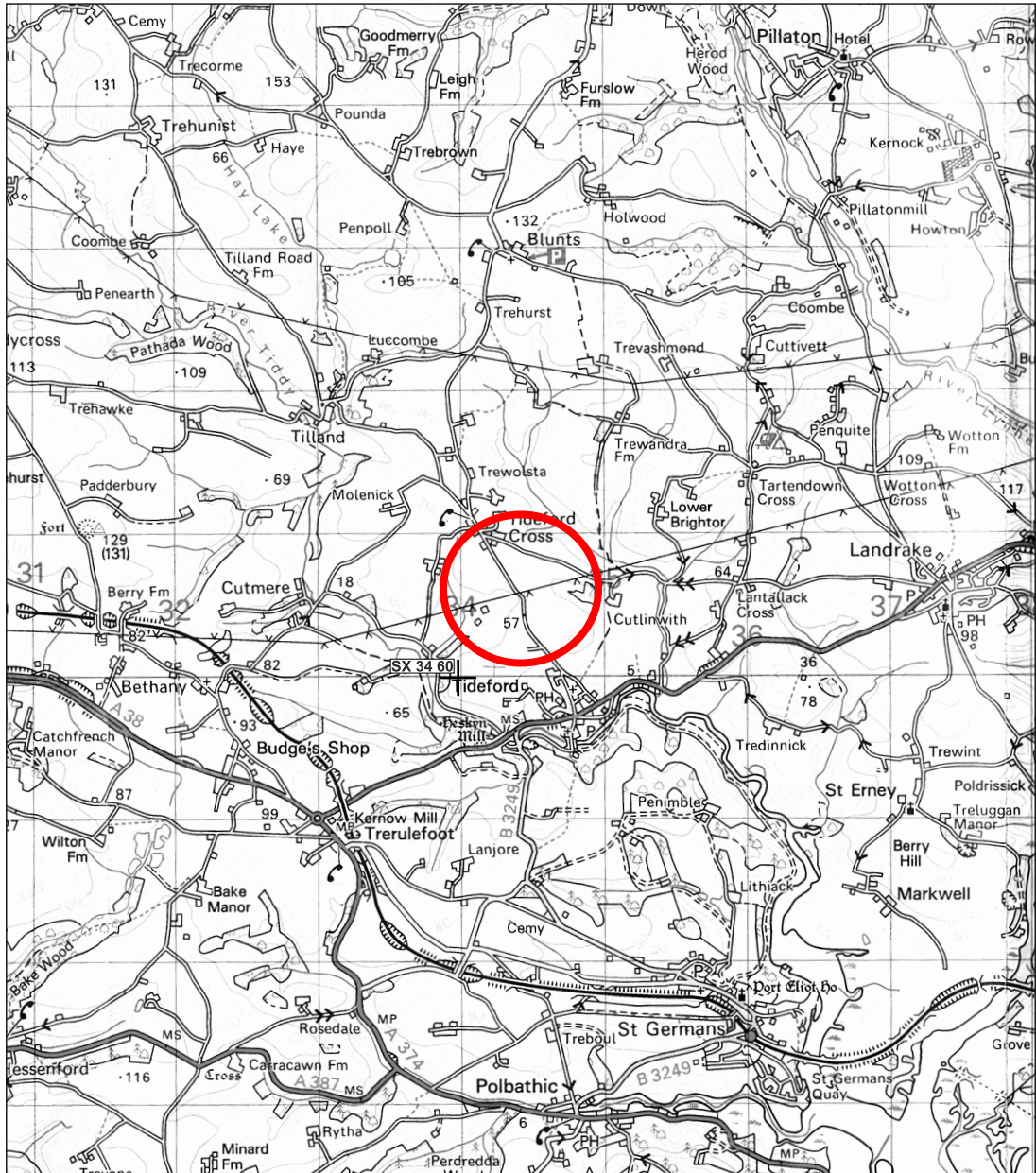
Context	Description	Comment on sherds
501	Topsoil, trench 5	1 sherd, internally glazed bowl, ? 16 <sup>th</sup> -17 <sup>th</sup> centuries AD
502	Subsoil, trench 5	1 sherd, as 501 but a South-western micaceous fabric
506	Fill of linear gully, trench 5	4 sherds, cooking pot South-western micaceous fabric, 12 <sup>th</sup> – 15 <sup>th</sup> centuries AD
603	Fill of ditch, trench 6	4 sherds, some conjoining, St Germans ware, all from jug with some slip painting, late 15 <sup>th</sup> -16 <sup>th</sup> centuries
605	Fill of terrace, trench 6	C. 20 sherds, (one piece of brick), including N Devon. 5 distinctive sherds with dark glaze and white painted slip are probably St Germans, ? 16 <sup>th</sup> -17 <sup>th</sup> centuries
613	Fill of quarry, trench 6	4 sherds, St Germans, 15 <sup>th</sup> -17 <sup>th</sup> century bowl with traces of internal slip
616	Fill of quarry, trench 6	Small sherd, late Medieval
619	Fill of quarry, trench 6	South-western micaceous sherd with traces of internal glaze, 15 <sup>th</sup> century or later
1910	Fill of cut, trench 19	South-western micaceous sherd with internal glaze 15 <sup>th</sup> cent. or later: two sherds probably in this fabric and probably from cooking pot with a date end around the 15 <sup>th</sup> century
1914	Fill of ditch, trench 19	Factory made cream ware, 18 <sup>th</sup> century onward.

Nothing in this assemblage need be earlier than the 15<sup>th</sup> century although a few sherds could be as early as the 12<sup>th</sup> century. Most material comes from 15<sup>th</sup> - 17<sup>th</sup> centuries and appears to be of broadly local fabrics.

The most useful reference work for Medieval and Post-medieval pottery in east and mid-Cornwall, also west Devon is Brown, D, Thomson, R, Vince, A with Williams, D 'The Pottery' in Saunders, A, 2006 *Excavations at Launceston Castle, Cornwall*, 269-295. Society for Medieval Archaeology Monograph 24, Leeds.

**APPENDIX 3: Miscellaneous Finds**

CXT	DESCRIPTION
110	Post-medieval glass fragment
605	bone fragment
605	part of an iron bracket or harness
619	fragment of possible iron pick or awl
1910	head of iron nail
1914	iron nail
tr 5 spoil heap	1 x struck flint



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











**Site Code: LTC13**

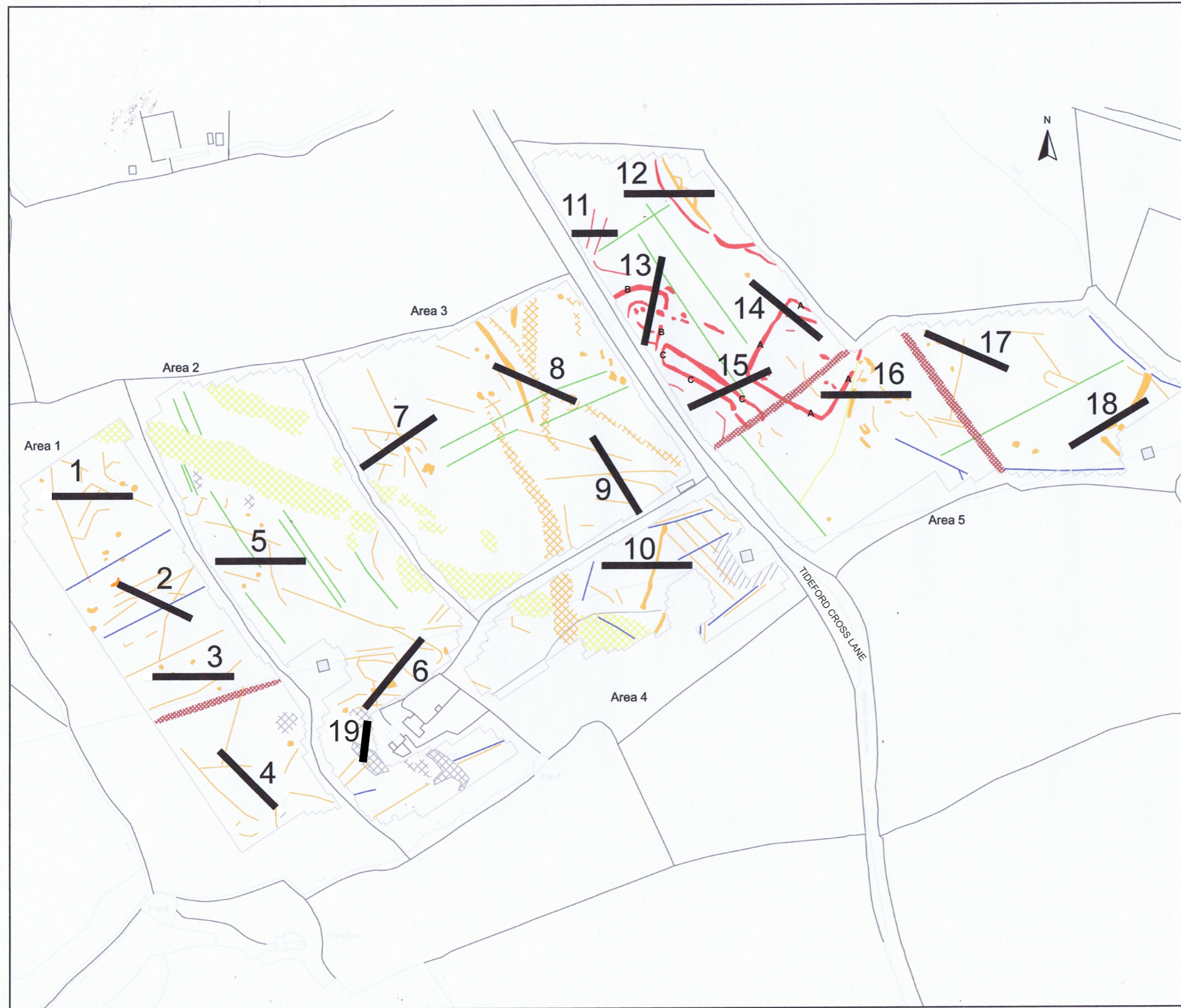
**Accession Code:**

**FIGURE 1: Site Location**

**Geophysical Survey  
Lanthrone  
Tideford  
Cornwall**

**Abstraction and interpretation of  
magnetometer anomalies**

-  Positive linear anomaly - cut feature of archaeological potential
-  Positive linear anomaly - possible ditch-like feature
-  Linear anomaly - of agricultural origin (trend only)
-  Negative linear anomaly - material of low magnetic susceptibility
-  Negative linear anomaly - water erosion (rilling)
-  Discrete positive response - cut feature of archaeological potential
-  Discrete positive response - possible pit-like feature
-  Positive/negative linear anomaly - possible former field boundary
-  Positive anomaly - magnetically enhanced material
-  Strong magnetic response - of natural origin (igneous intrusion)
-  Magnetic debris - spread of magnetically thermoremanent/ferrous material
-  Magnetic disturbance from ferrous material
-  Strong multiple dipolar linear anomaly - pipeline / cable / service
-  Strong dipolar anomaly - ferrous object



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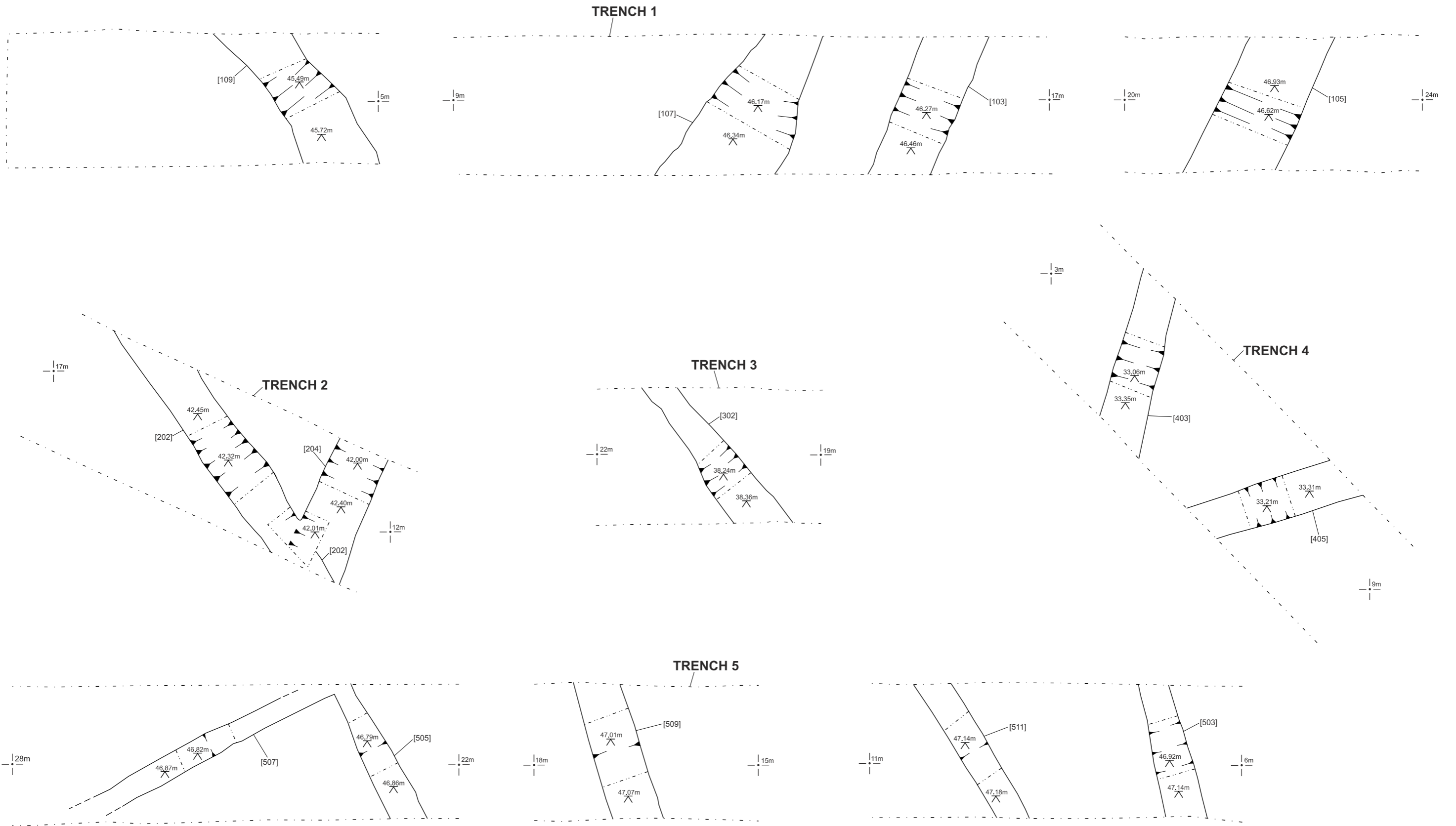
**Site Code: LTC13**  
**Accession Code:**

GEOPHYSICS REFERENCE CODES

- A = SQUARE ENCLOSURE
- B = SUB-CIRCULAR ENCLOSURE
- C = ELONGATED ENCLOSURE



**FIGURE 2: Trench Locations in  
Relation to Geophysics  
Results**

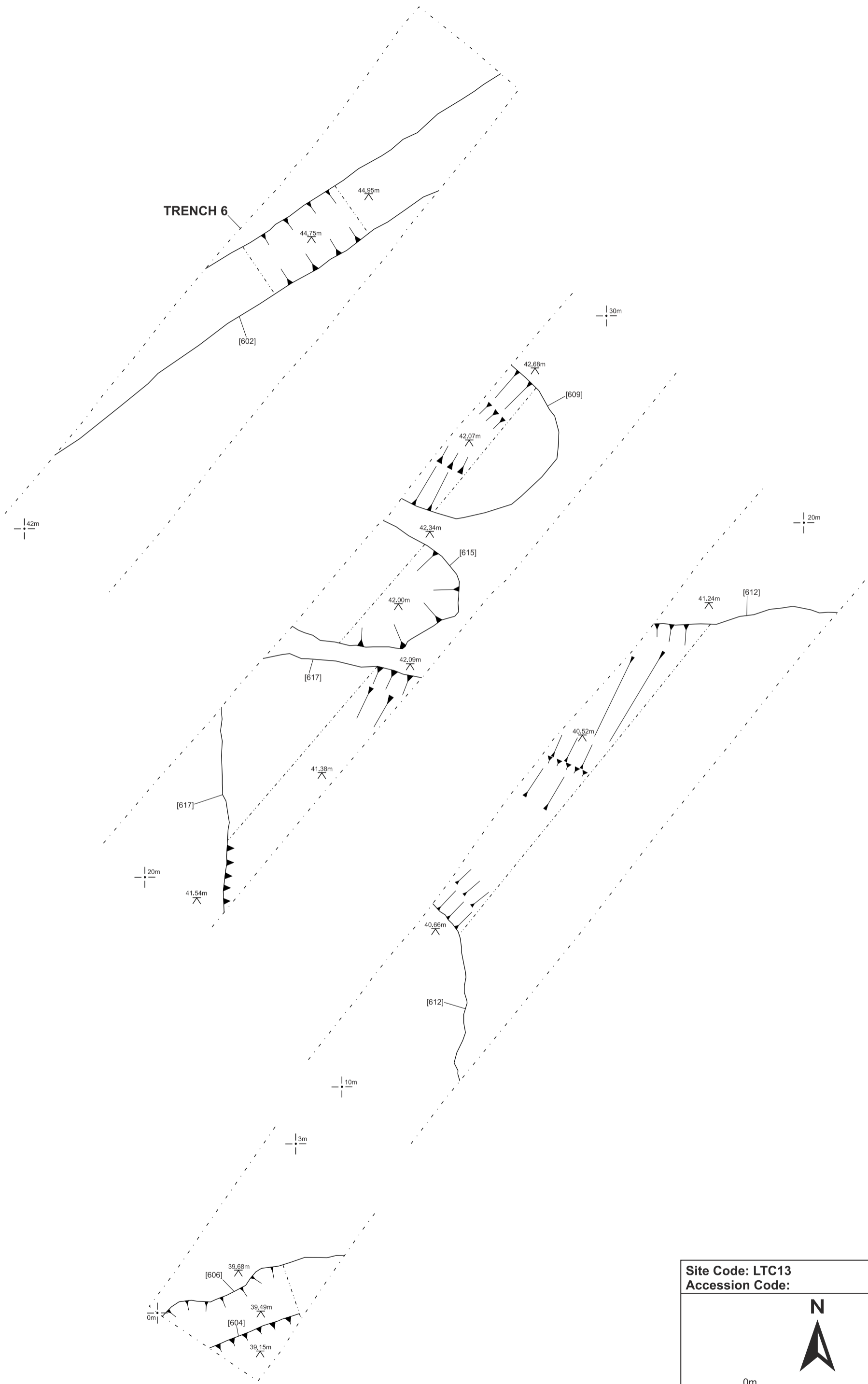


Site Code: LTC13  
 Accession Code:

N

0m 2m

**FIGURE 3: Trenches 1 to 5 Plans**

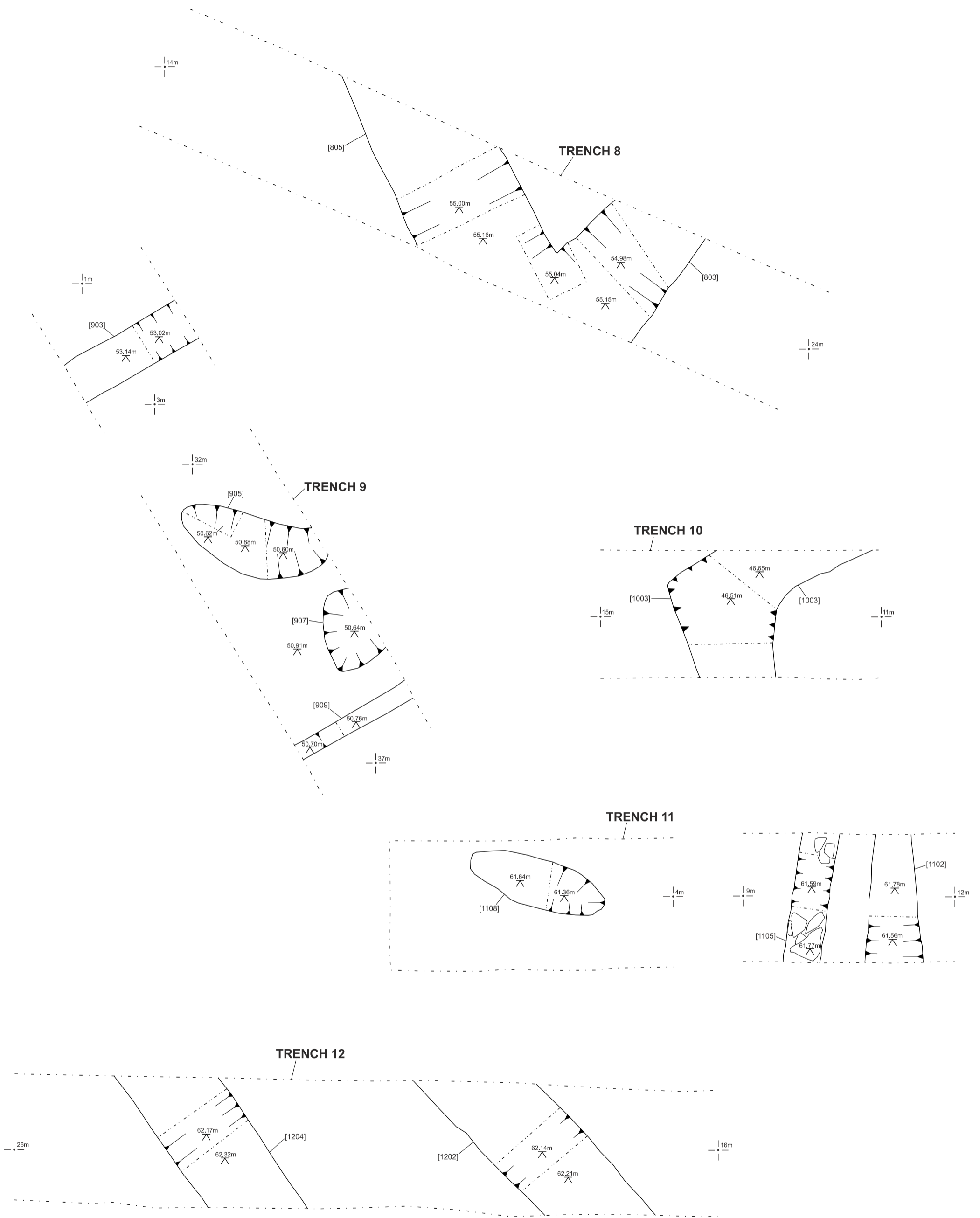


Site Code: LTC13  
 Accession Code:

N

0m  2m

**FIGURE 4: Trench 6 Plans**

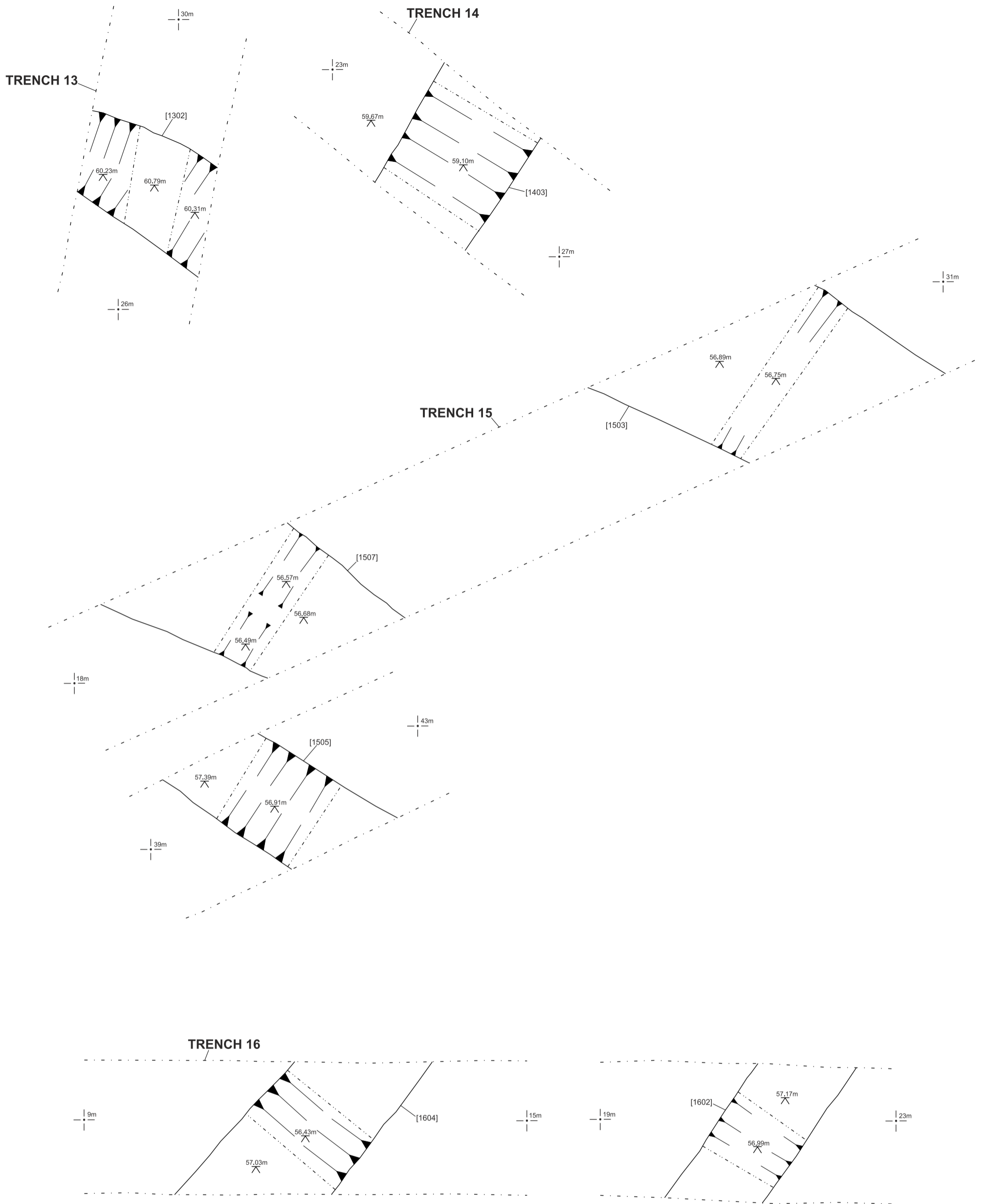


Site Code: LTC13  
 Accession Code:

N

0m 2m

**FIGURE 5: Trenches 8 to 12 Plans**



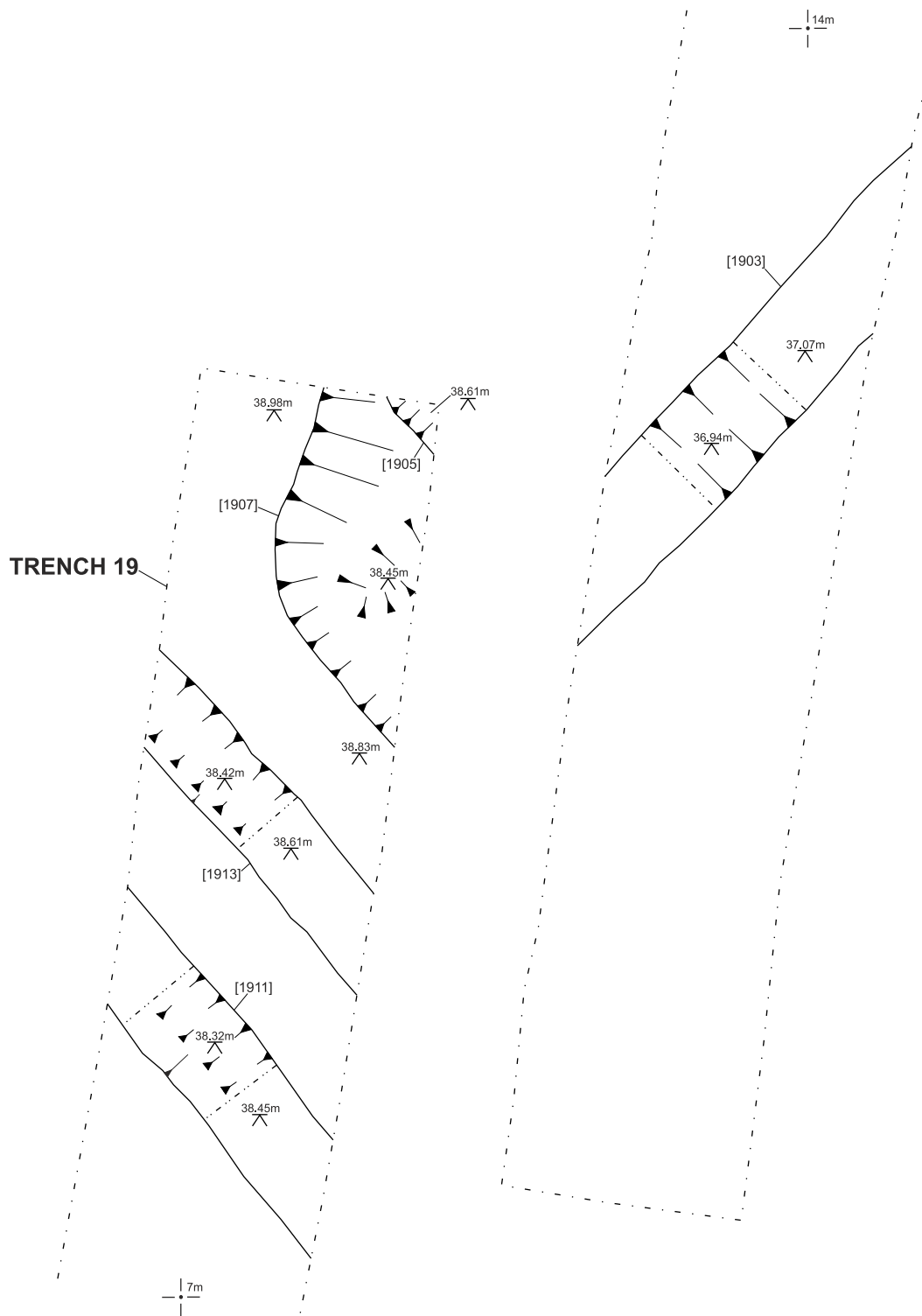
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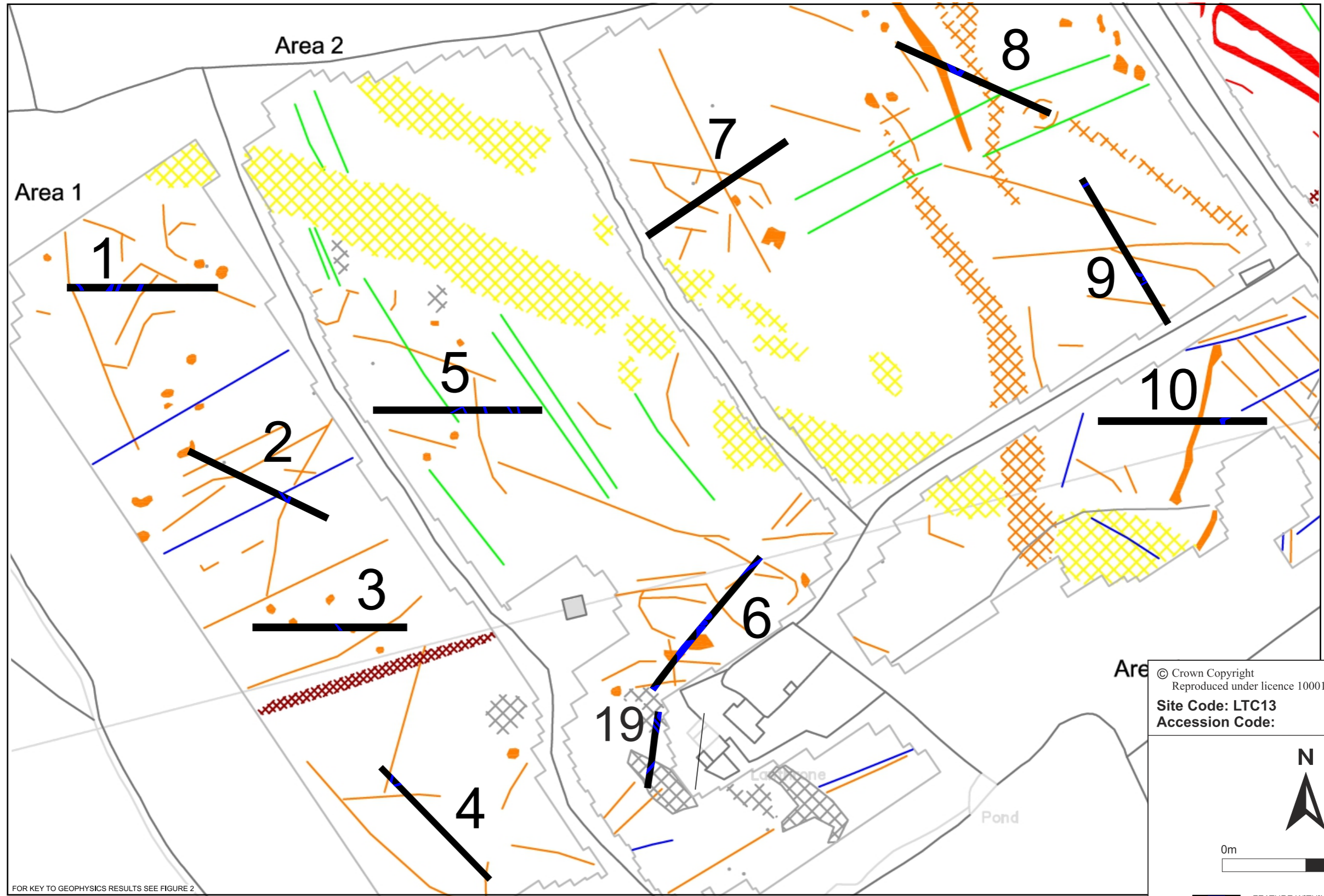
0m  2m

**FIGURE 6: Trenches 13 to 16 Plans**





<p><b>Site Code: LTC13</b>  <b>Accession Code:</b></p>
<p style="text-align: center;"><b>N</b></p>  <p style="text-align: center;">0m <span style="margin-left: 100px;">2m</span></p> 
<p style="text-align: center;"><b>FIGURE 7: Trench 19 Plans</b></p>



FOR KEY TO GEOPHYSICS RESULTS SEE FIGURE 2

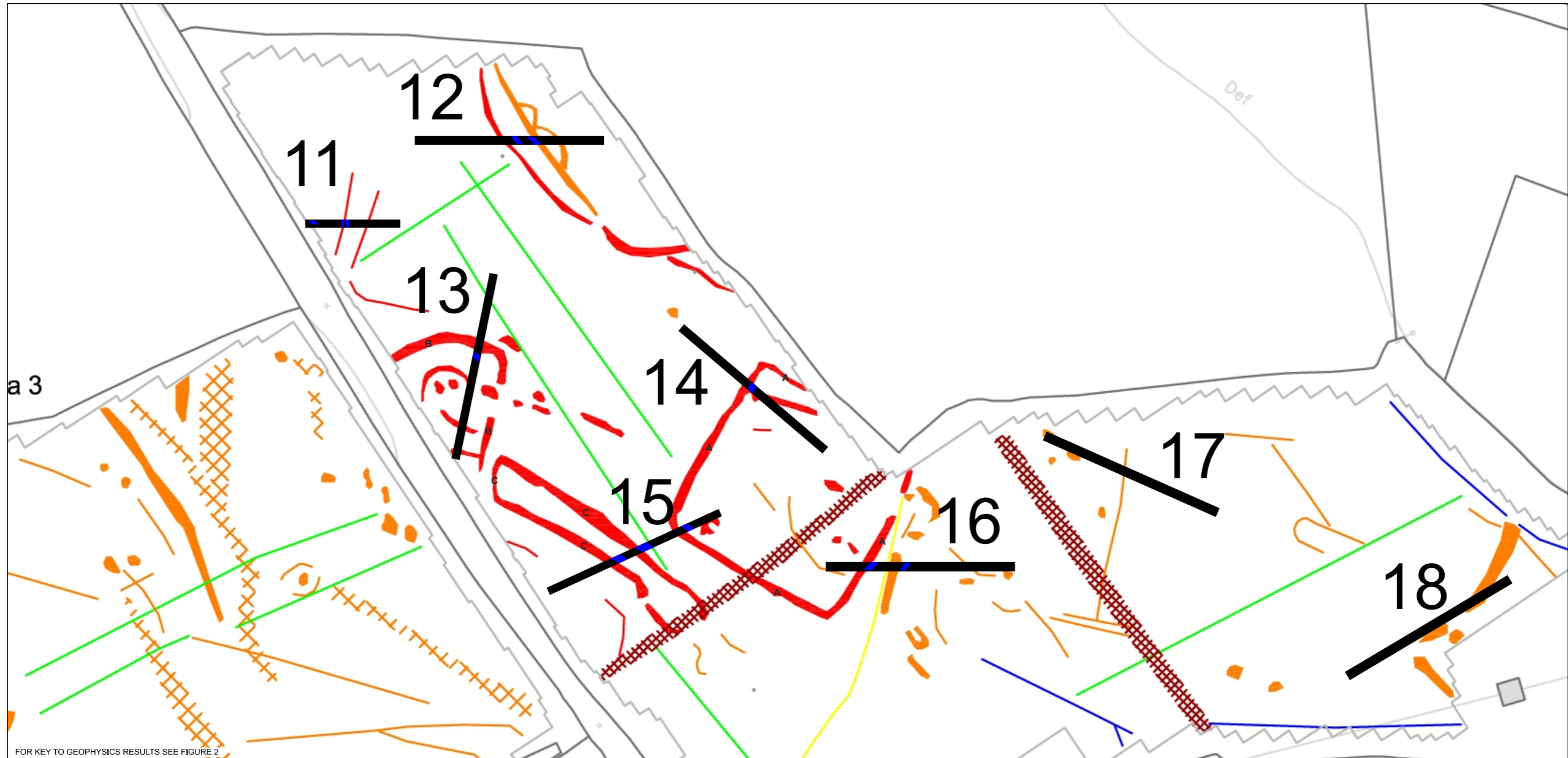
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 Site Code: LTC13  
 Accession Code:

N

0m 50m

— = FEATURE WITHIN EVALUATION TRENCH

**FIGURE 8: Trenches 1 to 10 and Trench 19, Features in Relation to Geophysics Results**



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**Accession Code:**

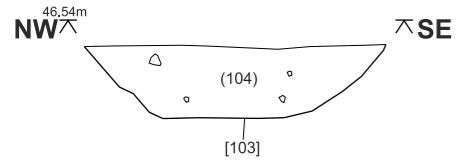


0m 50m

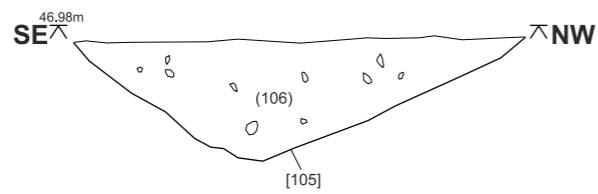
= FEATURE WITHIN EVALUATION TRENCH

**FIGURE 9: Trenches 11 to 18,  
 Features in Relation to  
 Geophysics Results**

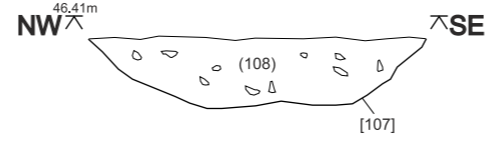
SOUTHWEST FACING SECTION [103]



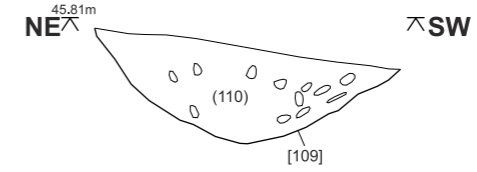
NORTHEAST FACING SECTION [105]



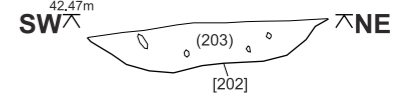
SOUTHWEST FACING SECTION [107]



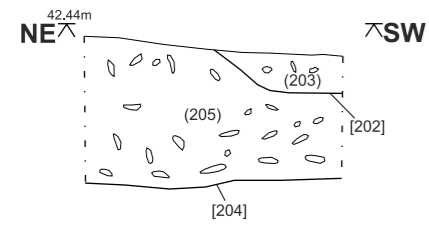
NORTHWEST FACING SECTION [109]



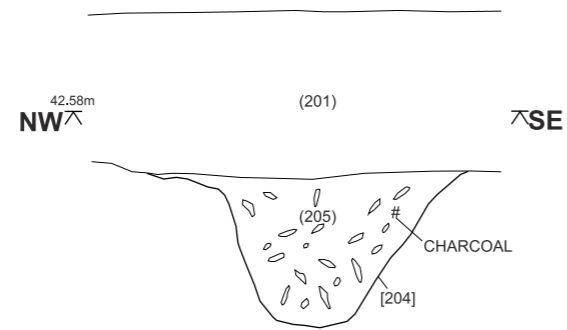
SOUTHEAST FACING SECTION [202]



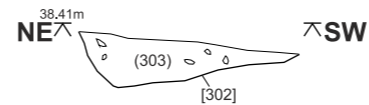
NORTHWEST FACING SECTION [202] and [204]



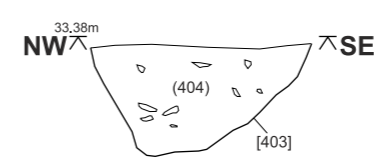
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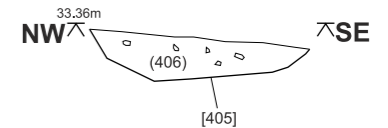
NORTHWEST FACING SECTION [302]



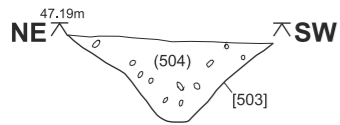
SOUTHWEST FACING SECTION [403]



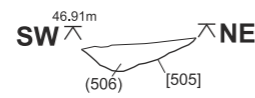
SOUTHWEST FACING SECTION [405]



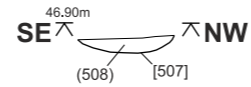
NORTHWEST FACING SECTION [503]



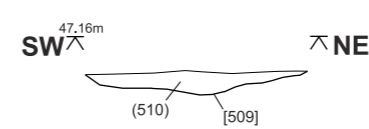
SOUTHEAST FACING SECTION [505]



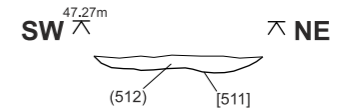
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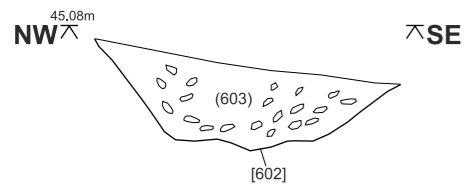
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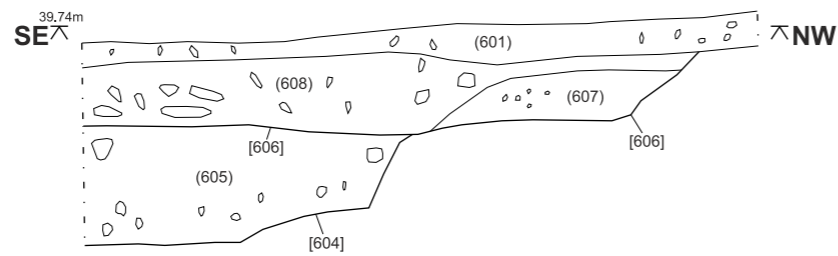
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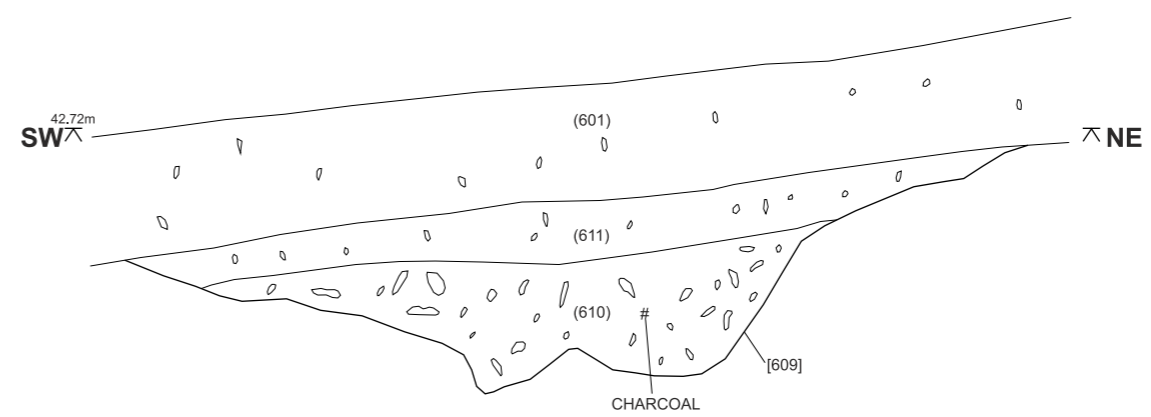
SOUTHWEST FACING SECTION [602]




NORTHEAST FACING SECTION [604] and [606]

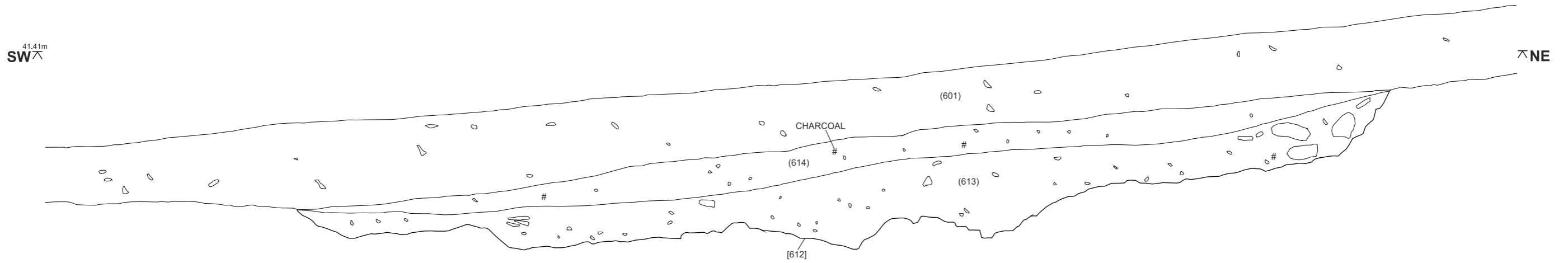


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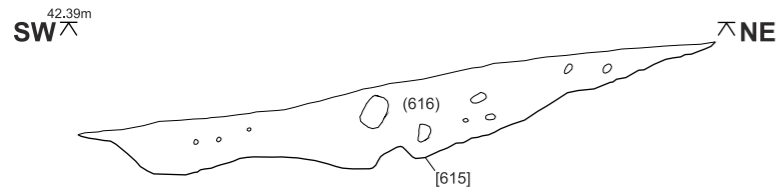


Site Code: LTC13
Accession Code:
0m  1m
<b>FIGURE 10: Trenches 1 to 6 Sections</b>

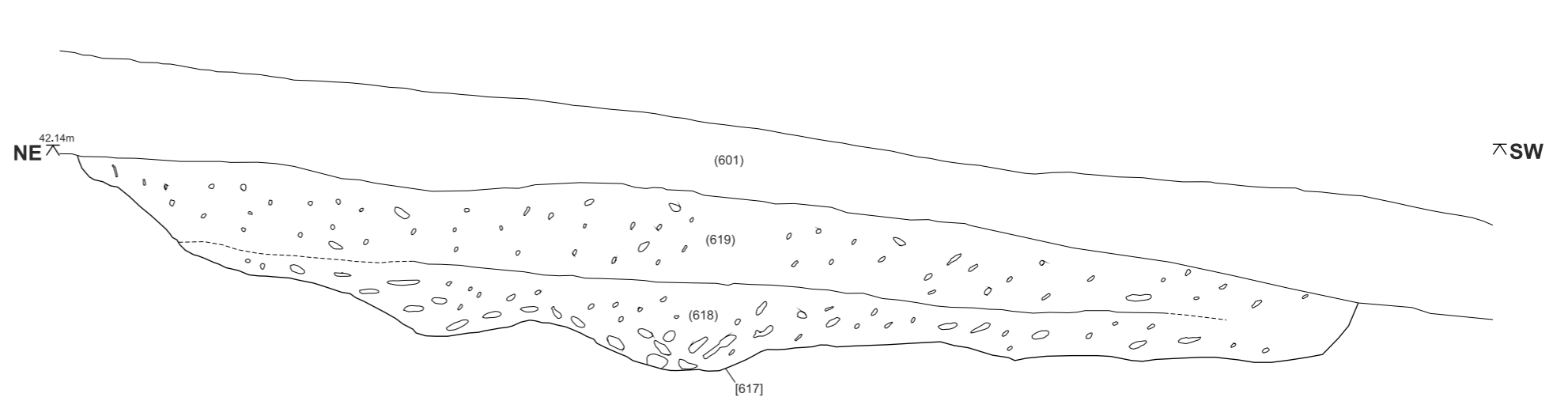
**SOUTHEAST FACING SECTION [612]**



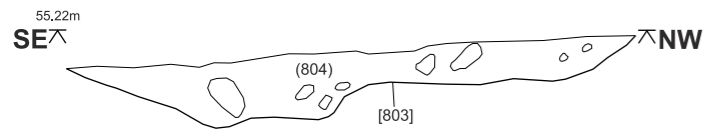
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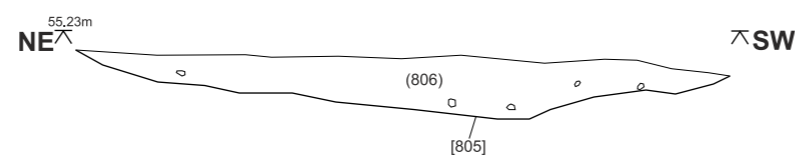
**NORTHWEST FACING SECTION [617]**



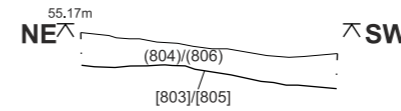
**NORTHEAST FACING [803]**



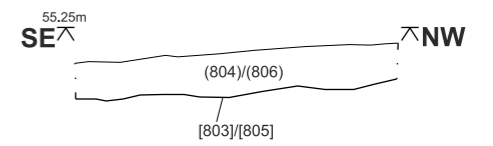
**NORTHWEST FACING SECTION [805]**



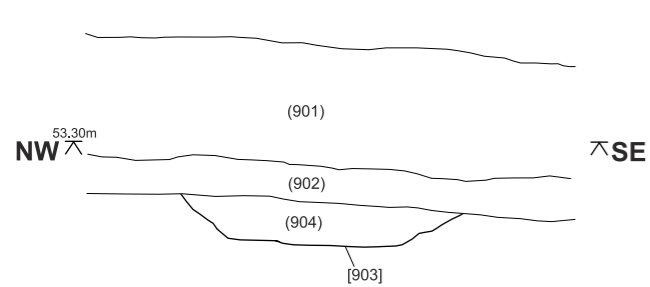
**NORTHWEST FACING SECTION [803] and [805]**



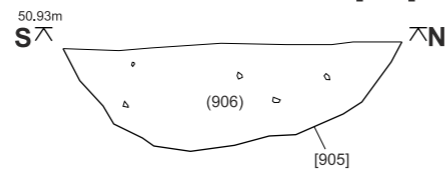
**NORTHEAST FACING SECTION [803] and [805]**



**SOUTHWEST FACING SECTION [903]**



**EAST FACING SECTION [905]**

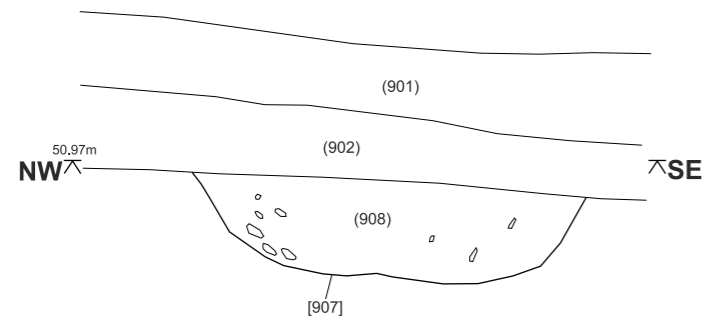


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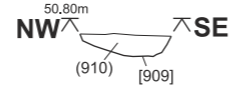


Site Code: LTC13
Accession Code:
<b>FIGURE 11: Trenches 6 to 9 Sections</b>

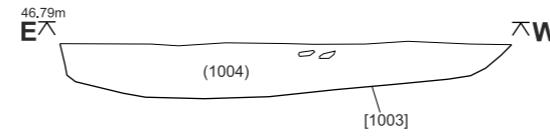
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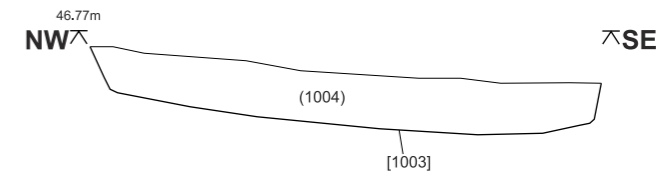
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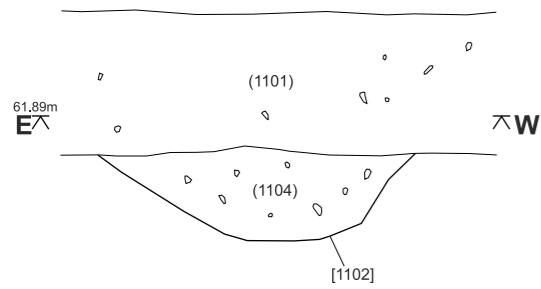
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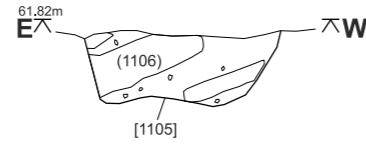
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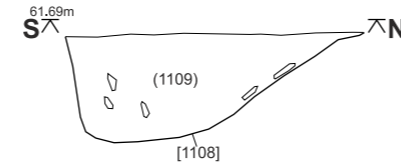
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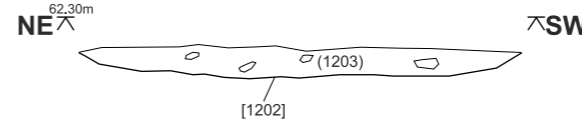
**NORTH FACING SECTION [1105]**



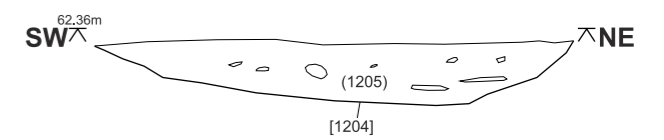
**EAST FACING SECTION [1108]**



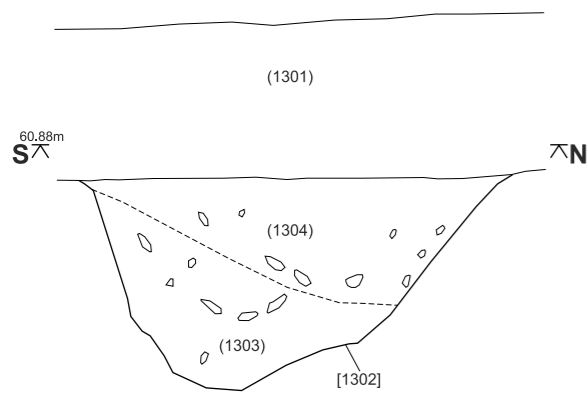
**NORTHWEST FACING SECTION [1202]**



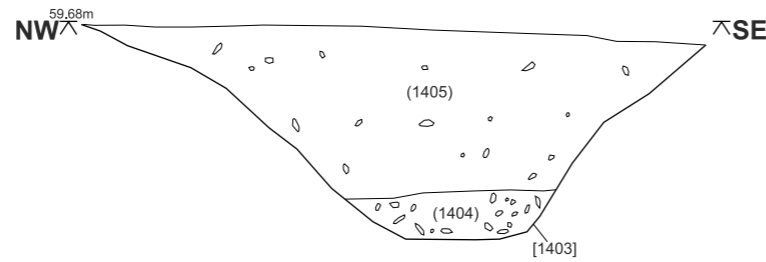
**SOUTHEAST FACING SECTION [1204]**



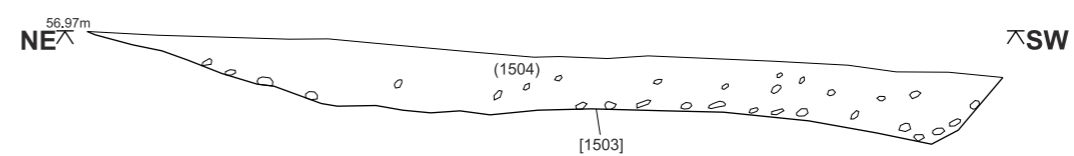
**EAST FACING SECTION [1302]**



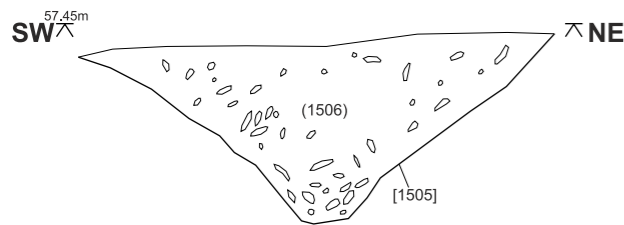
**SOUTHWEST FACING SECTION [1403]**



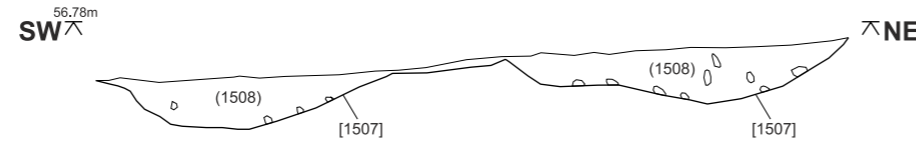
**NORTHWEST FACING SECTION [1503]**



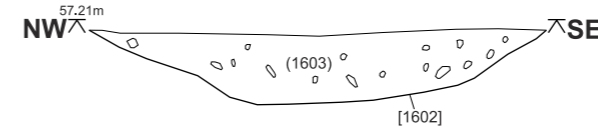
**SOUTHEAST FACING SECTION [1505]**



**SOUTHEAST FACING SECTION [1507]**

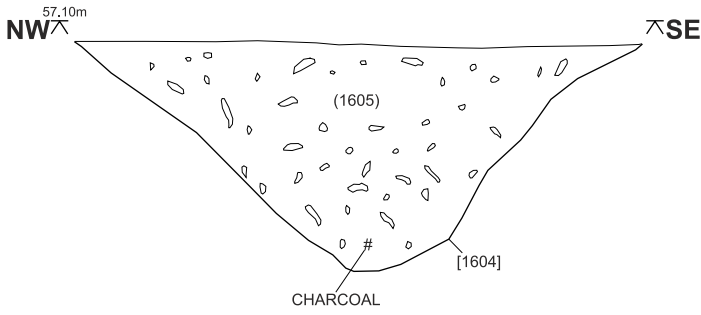


**SOUTHWEST FACING SECTION [1602]**

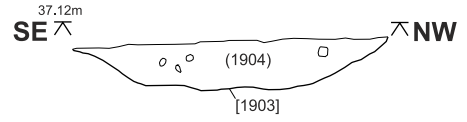


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<b>FIGURE 12: Trenches 9 to 16 Sections</b>

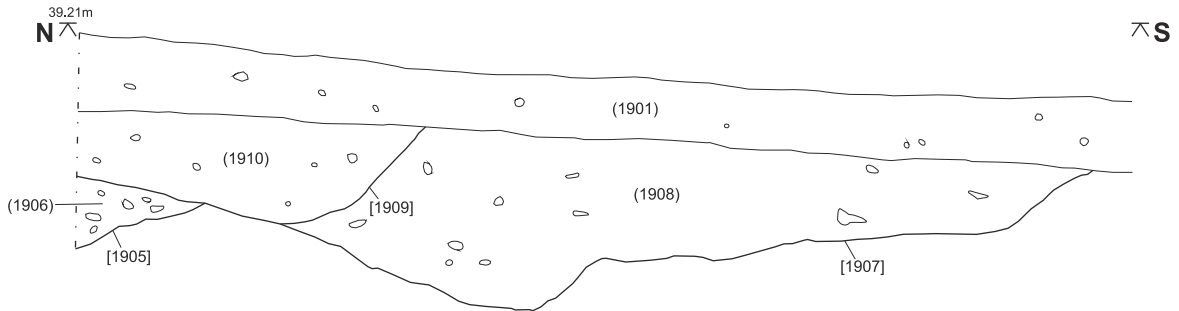
**SOUTHWEST FACING SECTION [1604]**



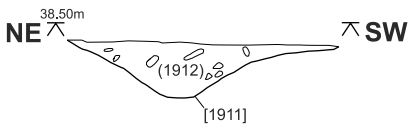
**NORTHEAST FACING SECTION [1903]**



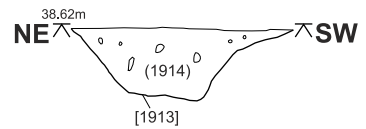
**WEST FACING SECTION [1905], [1907] and [1909]**



**NORTHWEST FACING SECTION [1911]**



**NORTHWEST FACING SECTION [1913]**



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**FIGURE 13: Trenches 16 and 19 Sections**