

**Thirstone Quarry Extension Phase 3a, South
Lanarkshire:
Archaeological Evaluation**

Data Structure Report



by Liam McKinstry

issued 20th November 2014

on behalf of Loudounhill Contracts Ltd

RATHMELL 
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Overview

1. A programme of archaeological works was required by Johnson, Poole & Bloomer Ltd on behalf of Loudounhill Contracts Ltd in respect of the proposed extension to the ongoing extraction of sand & gravel at Thirstone Quarry, South Lanarkshire. The archaeological works were designed to determine the nature, form and extent of any archaeology present within the development area and hence inform the appropriate mitigation to facilitate the development.
2. Loudounhill Contracts Ltd required a programme of archaeological works to be undertaken under advisement by the West of Scotland Archaeology Service (who advise the planning authority on archaeological matters) prior to development works. The West of Scotland Archaeology Service, through the planning authority, required an initial evaluation at 5% sample level with the potential for further stages of archaeological work.
3. Rathmell Archaeology Limited was appointed by Johnson, Poole & Bloomer Ltd on behalf of Loudounhill Contracts Ltd to undertake the development and implementation of archaeological mitigation works prior to the development of the site. The project works have been defined by a Written Scheme of Investigation (Gordon 2013) that was agreed with the West of Scotland Archaeology Service.

Historical and Archaeological Background

4. The proposed extension to the extraction area at Thirstone Quarry overlay an area of rough pasture which did not, according to the West of Scotland Archaeology Service and Royal Commission on the Ancient & Historical Monuments of Scotland, contain any known archaeological sites.
5. An evaluation at 5% sample intensity was undertaken prior to the re-opening of Thirstone Quarry for sand and gravel extraction in 2007 by GUARD (WoSAS Event: 3724). This evaluated the ground within the then-proposed extraction area that had not been previously subject to extraction (see Figure 2 for extent of this area). This study evidenced a topsoil depth varying from 0.15 to 0.5m overlying a variable sand and gravel subsoil; within an area of impeded drainage in the southwest peat extending to 0.7m depth was exposed. However, the evaluation did not locate any significant archaeological features or recover any finds.
6. A further two evaluations at the 5% sample intensity were undertaken for the extension of Thirstone Quarry by Rathmell Archaeology in 2011 and 2012. Both evaluated ground to the immediate west of the M74, with neither evaluation locating any significant archaeological features or recovering any finds. The closest known site lies some 350m southeast of the proposed extraction area, and refers to a group of 19 small cairns, measuring up to 3m in diameter by 0.5m in height. These are spread in a random manner on the southwest slopes of White Rig at 295m OD (centred on NGR: ²8990 ⁶2620; WoSAS Site: 12657). They were first identified by Tam Ward of the Biggar Archaeology Group, who also noted that the two largest and most northerly cairns of the group had been removed by quarrying operations for the M74 road (T Ward 1990).
7. A review of historic mapping also failed to locate any additional sites of archaeological interest. When mapped in the mid-18th century as part of Roy's Military Survey of Scotland (1747-55) the proposed extraction area is marked as unused hill ground (see Figure 1a) lying to the east of the Sanquhar to Lanark road as it runs north from Crawfordjohn.
8. Throughout the entire run of the Ordnance Survey historic mapping, the site is shown as rough pasture lying to the north-west of Thirstone, a small farm that appears on maps from the mid nineteenth century. At the same time, the road running north from Crawfordjohn peters out immediately to the north of Thirstone, suggesting that this route has been replaced by newer roads. The 2nd edition Ordnance Survey map of 1912 shows the farm with a number of associated small enclosures and sheepfolds (Figure 1b). However, none of this activity comes close to the proposed extension area and these structures are still identifiable on the modern Ordnance Survey mapping (see map underlying information on Figure 2).



Figure 1a: Roy's Military Survey 1747-55

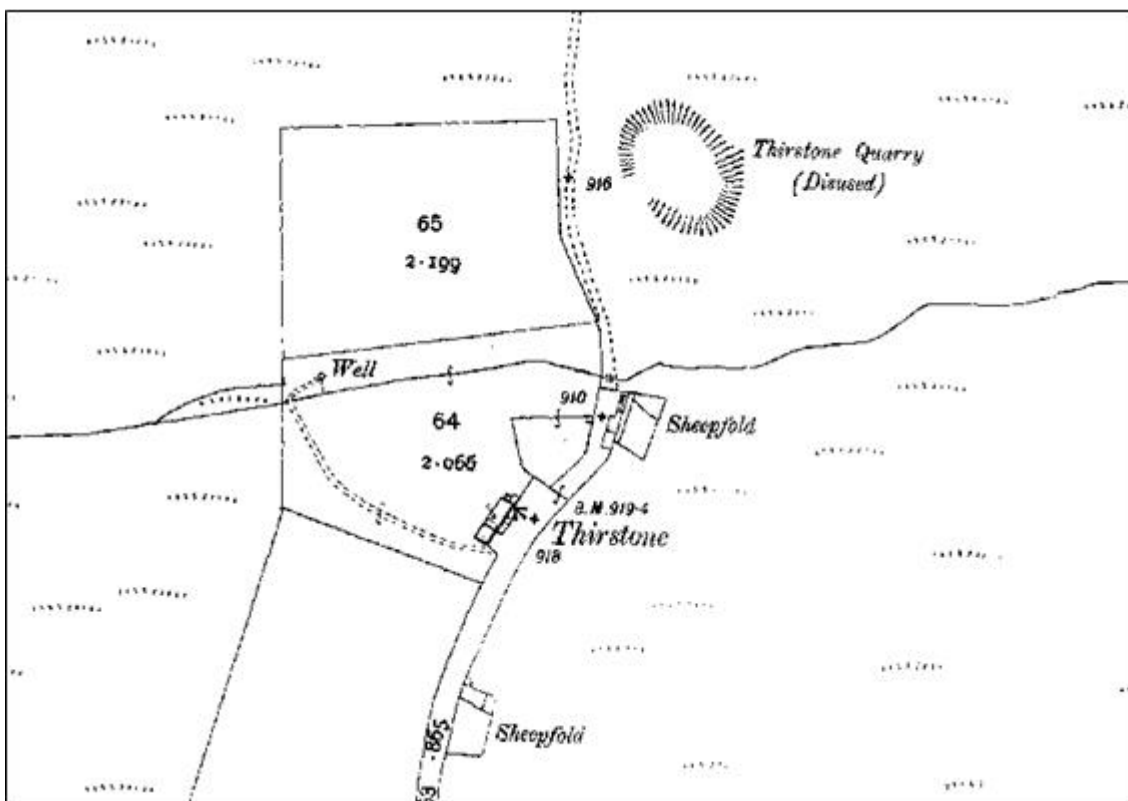


Figure 1b: Extract from 2nd edition Ordnance Survey map of Lanarkshire

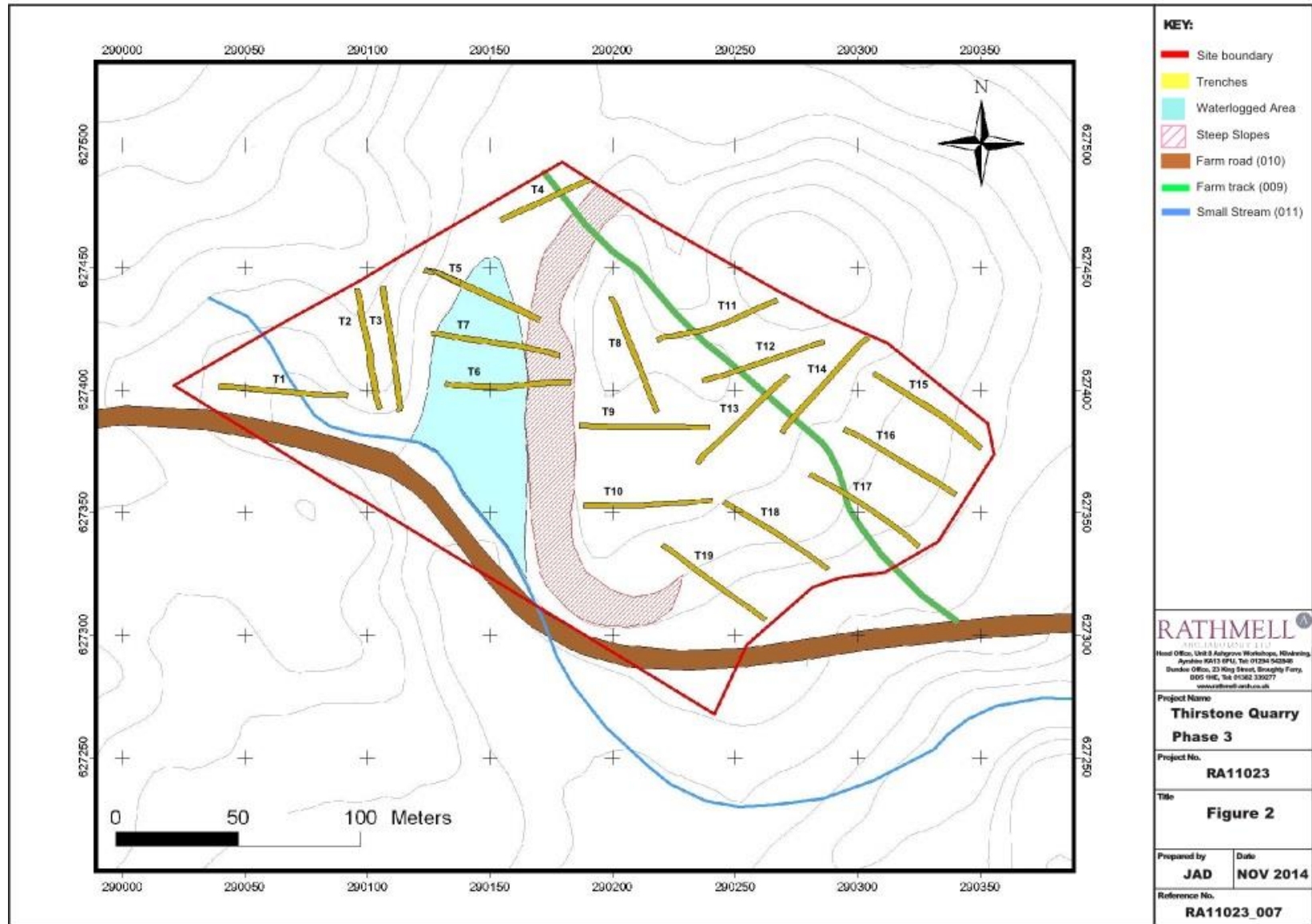


Figure 2: Plan of Site Layout

Project Works

9. The archaeological evaluation was undertaken between the 10th November and the 12th November 2014. Works comprised the excavation of a series of intrusive trenches for the purposes of exposing a 5% sample of the development area to be archaeologically examined.
10. Where possible the trenches were placed in accordance with the terms of the Written Scheme of Investigation (Gordon 2013). However, two of these trenches (Trenches 3 and 7) had to be moved: the first because its route partly followed the course of a small stream and the second because most of its length ran down a very steep and waterlogged slope, deemed too treacherous to be excavated by machine. In total, 961.02 linear metres were excavated, which slightly exceeded the 950 linear metres required for the purposes of this investigation. The position of the trenches is depicted in the site plan above (Figure 2).
11. All works were conducted in accordance with the Institute for Archaeologists' Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statements.

Findings

12. All 19 trenches were excavated using an 18 tonne 360° tracked excavator with a 2m toothless ditching bucket; details of the trenches may be found in Appendix 1 of this document. Included below is a synthesis of the findings and an interpretation from these trenches.
13. The topography across the development area was characterised by a north-south orientated ridge occupying the western portion of the site and a low hill occupying the east. Both features were very steeply sloping in places (Figure 1a). A small farm road (010) crossed the southern extent of the site, cutting through the north-south ridge and hugging the contours of the hill on its south side. Another smaller farm track (009) crossed Trenches 4, 10, 11-14 and 17 in a northwest-southeast direction, eventually joining the farm road.
14. A small stream (011) ran across the site, entering from the northwest towards the south end of its western boundary and running almost parallel to the farm road in places before eventually feeding into the nearby East Thirstone Burn. Lying to the north of this feature, in the low-lying ground between the ridge and hill was a heavily waterlogged area which fed into the small stream. It is possible that this low lying area may have once marked the course of a similar watercourse which had subsequently silted up, leading to the development of a thick peat layer.
15. The topsoil (001) covering most of the site and excavated trenches was a naturally occurring peat which consisted of firmly compacted (malleable) dark brown/black peat with inclusions of decaying plant matter. The depth of the topsoil on the higher ground of the ridge and hill was between 0.07m and 0.33m; in the lower ground it reached as deep as 0.68m, but its full depth could not be ascertained due to the waterlogged nature of the low ground.
16. The subsoil within the lower waterlogged ground and other low-lying areas – characterised as deposits (005), (006) and (003) - consisted of moderate to firmly-compacted light to mid-grey clay with occasional patches of sand within its make-up. There were also several small fragments and one large piece of naturally-occurring wood: these were found within the clay layer (005) within Trench 5. These fragments may have been washed in from elsewhere, possibly before the low-lying area between ridge and hill silted up. The subsoil on the higher ground (002) consisted of moderately-compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.



Figure 3a: View of the site before excavation. From the SW.



Figure 3b: Post excavation view of Trench 4 from the W.



Figure 4a: View of animal burrow [007] within Trench 8. From the W.



Figure 4b: View of wheel ruts from the farm track (010) within Trench 14. From the NE.

17. Two features were identified during the excavation. One had natural origins; the remains of a recent burrow was identified within Trench 5. The burrow's cut, [007], was linear on plan and measured 0.5m wide by 0.17m deep. It had an approximate orientation of E-W. The fill (008) within the burrow consisted of loosely compacted (friable) mid brown sandy silt with inclusions of small to medium sub angled stones. The other feature was modern, characterised by an area of wheel ruts and trampling associated with the farm track (010). The track itself measured between 3-4m wide, while the material within the rutting and trampling consisted of a mixed layer of topsoil and subsoil. No significant archaeology was identified within any of the 19 excavated trenches.

Discussion

18. No significant archaeological features were uncovered during the course of the archaeological works. The only features present resulted either from bioturbation (burrowing), or were related to recent unsurfaced farm track which could be traced running through a number of the trenches. The evidence from historic Ordnance Survey mapping together with the lack of agricultural features such as furrows or drains strongly suggests that the site has always been marginal. This lack of activity is due to the topography of the site and the lack of drainage which would make it unsuitable for most types of agriculture with the exception of its current use as rough grazing for sheep.

Recommendations

19. No significant archaeological remains were located within the development area with the only features identified representing animal burrows and a modern farm track.
20. On balance, given the lack of significant archaeological material recovered in the course of the evaluation works, Rathmell Archaeology Ltd recommends that no further archaeological work be carried out within this development area.
21. The appropriateness and acceptability of our recommendations rest with South Ayrshire Council and their advisors, West of Scotland Archaeology Service.

Conclusion

22. A programme of archaeological works was required by Johnson, Poole & Bloomer Ltd on behalf of Loudounhill Contracts Ltd in respect to proposed extension to the ongoing extraction of sand & gravel at Thirstone Quarry, South Lanarkshire. The archaeological works were designed to mitigate the impact on the archaeological remains within the development area.
23. No significant archaeological remains were uncovered. The only remains identified was an animal burrow and a modern farm track field.

Acknowledgements

24. The author would like to thank Johnson, Poole & Bloomer Ltd and Loudounhill Contracts Ltd for their support throughout the project and Louise Turner for her kind input and editing.
25. This project has been monitored for WoSAS by Paul Robins who has given guidance and direction throughout.

References

Documentary

Gordon, D. 2013 *Thirstone Quarry, South Lanarkshire: Archaeological Evaluation, Written Scheme of Investigation*, unpublished commercial report by Rathmell Archaeology Ltd

Cartographic

Roy, W. 1747-55 Military Survey of Scotland

Ordnance Survey 1912 Six-inch Second Edition, Lanarkshire, Sheet XLII. SE

Appendix 1: Trench Details

Trench Summary

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
1	E-W	2m by 51m 102m ²	0.33 – 0.53m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones. Natural Clay (003) consisted of moderate to firmly compacted light grey clay with no inclusions. Located within the lower ground at the base of a slope surrounding to one side of a small stream/water course.	None	None	None
2	NNE-SSW	2m by 51.2m 102.4m ²	0.23 – 0.33m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None
3	N-S	2m by 50.70m 101.4m ²	0.18 – 0.45m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None
4	ENE-WSW	2m by 39.39m 78.78m ²	0.21 – 0.68m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones. Natural clay layer (005) consisted of moderate to firmly compacted light to mid grey clay with occasional patches of sand within its make-up. There were several small fragments and one large piece of naturally occurring wood found	Modern NW-SE running farm track (009).	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
				<p>within the clay layer within T5. Located within the lower ground at the bases of two small ridges or hills surrounding what may have been a small stream or water course.</p> <p>Natural subsoil (006) at edges of and under Peat within the possible water course or stream. Consisted of moderately compacted light grey brown silty clay with inclusions of small to medium sub rounded stones.</p>			
5	SE-NW	2m by 51.5m 103m ²	0.19 – 0.55m	<p>Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.</p> <p>Natural clay layer (005) consisted of moderate to firmly compacted light to mid grey clay with occasional patches of sand within its make-up. There were several small fragments and one large piece of naturally occurring wood found within the clay layer within T5. Located within the lower ground at the bases of two small ridges or hills surrounding what may have been a small stream or water course.</p> <p>Natural subsoil (006) at edges of and under Peat within the possible water course or stream. Consisted of moderately compacted light grey brown</p>	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
				silty clay with inclusions of small to medium sub rounded stones.			
6	E-W	2m by 51.9m 103.8m ²	0.18 – 0.42m	<p>Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.</p> <p>Natural clay layer (005) consisted of moderate to firmly compacted light to mid grey clay with occasional patches of sand within its make-up. There were several small fragments and one large piece of naturally occurring wood found within the clay layer within T5. Located within the lower ground at the bases of two small ridges or hills surrounding what may have been a small stream or water course.</p> <p>Natural subsoil (006) at edges of and under Peat within the possible water course or stream. Consisted of moderately compacted light grey brown silty clay with inclusions of small to medium sub rounded stones.</p>	None	None	None
7	E-W	2m by 54.4m 108.8m ²	0.16 – 0.68m	<p>Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.</p> <p>Natural clay layer (005) consisted of moderate to firmly compacted light to mid grey clay with occasional patches of sand within its make-up. There were</p>	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
				<p>several small fragments and one large piece of naturally occurring wood found within the clay layer within T5. Located within the lower ground at the bases of two small ridges or hills surrounding what may have been a small stream or water course.</p> <p>Natural subsoil (006) at edges of and under Peat within the possible water course or stream. Consisted of moderately compacted light grey brown silty clay with inclusions of small to medium sub rounded stones.</p>			
8	NNW-SSE	2m by 50.08m 100.16m ²	0.16 – 0.23m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	Animal burrow (007) and [008].	None	None
9	E-W	2m by 52m 104m ²	0.09 – 0.24m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None
10	E-W	2m by 51.3m 102.6m ²	0.07 – 0.27m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None
11	WSW-ENE	2m by 50.01m 100.02m ²	0.22 – 0.34m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	Modern NW-SE running farm track (009).	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
12	WSW-ENE	2m by 51m 102m ²	0.2 – 0.33m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	Modern NW-SE running farm track (009).	None	None
13	E-W	2m by 50.03m 100.03m ²	0.18 – 0.22m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None
14	NE-SW	2m by 51.60m 103.2m ²	0.18m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	Modern NW-SE running farm track (009).	None	None
15	N-S	2m by 51.20m 102.4m ²	0.13 – 0.25m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None
16	NNW-SSE	2m by 51.10m 102.2m ²	0.25 – 0.28m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None
17	NNW-SSE	2m by 51.70m 103.4m ²	0.22 – 0.33m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	Modern NW-SE running farm track (009).	None	None
18	NW-SE	2m by 50.01m	0.16 – 0.2m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay	None	None	None

Trench	Orientation	Size	Topsoil Depth	Subsoil Character	Modern/ Agricultural Features	Significant Features	Artefacts
		100.02m ²		with moderate inclusions of small to medium sub-rounded stones.			
19	WNW-ESE	2m by 50.90m 101.8m ²	0.11 – 0.26m	Subsoil (002) consisted of moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	None	None	None

Appendix 2: Registers

Context Register

Context No.	Area/ Trench	Type	Description	Interpretation
001	All	Deposit	Firmly compacted (malleable) dark brown/black peat with inclusions of decaying plant matter.	Natural peat topsoil covering across the development area.
002	All	Deposit	Moderately compacted light brown/yellow silty clay with moderate inclusions of small to medium sub-rounded stones.	Natural Subsoil.
003	T1	Deposit	Moderate to firmly compacted light grey clay with no inclusions. Located within the lower ground at the base of a slope surrounding to one side of a small stream/water course. Same as (005).	Natural clay within T1
004	T1	Deposit	Moderately compacted mid-grey brown clayey silt with inclusions of frequent roots and small pebbles 0.2-0.3m deep. Similar to topsoil (001).	Topsoil within T1.
005	T4-T7	Deposit	Moderate to firmly-compacted light to mid grey clay with occasional patches of sand within its make-up. There were several small fragments and one large piece of naturally-occurring wood found within the clay layer within T5. Located within the lower ground at the bases of two small ridges or hills surrounding what may have been a small stream or water course. Same as (003).	Natural clay Layer
006	T4-T7	Deposit	Moderately compacted light grey-brown silty clay with inclusions of small to medium sub-rounded stones.	Natural subsoil at edges of and under Peat within the possible water course or stream.
007	T8	Cut	Linear on plan. Measured 0.5m wide by 0.17m deep. Break of slope at the top was sharp. Sides were gradually sloping. Break of slope at the base was gradual. The base was irregular/concave. The cut had an approximate orientation of E-W. The feature was filled by (008).	Cut of animal burrow.
008	T8	Fill	Loosely compacted (friable) mid-brown sandy silt with inclusions of small to medium sub-angled stones.	Fill of [007].

Context No.	Area/ Trench	Type	Description	Interpretation
009	T4, T11, T12, T13, T14 & T17	Deposit	An approximately NW-SE orientated track which joined the main E-W farm road to the immediate S of the development area. The track was only single track and had a width of c.3-4m. There was no deliberate surface within the track though wheel ruts were visible where it was excavated through in the test trenches. An interface layer (mix of (001) and (002)) caused by long-term vehicle usage and animal traffic was observed, especially within the wheel ruts. This material consisted of mid brown/yellow silty clay with inclusions of small to medium stones.	Farm track. Most likely recent and still in use.
010	None	Road	An approximately E-W orientated single track road which lay to the immediate S of the development area. The road did not appear to have a manmade surface but comprised instead a rough track which was rutted by modern vehicles and trampled by livestock. The road was approximately 4-5m wide.	Modern farm road/rough track.
011	None	Stream	Small stream which crosses the southern part of the site in an approximate E-W and ESE-WNW direction.	Small stream.

Photographic Register

Image No.	Digital	Description	From	Date
001	1047	Area Shot		10/11/2014
002	1048	Area Shot		10/11/2014
003	1049	Flag T1		10/11/2014
004	1050	Trench 1 Post-ex	W	10/11/2014
005	1051	Trench 1 Post-ex and working shot	W	10/11/2014
006	1052	T3		10/11/2014

Image No.	Digital	Description	From	Date
007	1053	T3 from South	S	10/11/2014
008	1054	N end of T3	S	10/11/2014
009	1055	Overview of T1 from East	E	10/11/2014
010	1056	Working shot	SSE	10/11/2014
011	1057	Working shot	SSE	10/11/2014
012	1058	T2 flag		10/11/2014
013	1059	Frost (?) or Drought(?) marks T2	SSE	10/11/2014
014	1060	T2 from SSE	SSE	10/11/2014
015	1061	T2 from SSE	SSE	10/11/2014
016	1062	Working Shot	SE	10/11/2014
017	1063	Working Shot	SE	10/11/2014
018	1064	Working Shot	SE	10/11/2014
019	1065	VOID		10/11/2014
020	1066	T4 Flag		10/11/2014
021	1067	Working Shot ENE end of T4	ENE	10/11/2014
022	1068	ENE end T4 showing (005)	WSW	10/11/2014
023	1070	Pre-ex area of T5	N	10/11/2014
024	1071	T4 from W	W	10/11/2014
025	1072	T4 from W	W	10/11/2014
026	1073	Working Shot	E	10/11/2014

Image No.	Digital	Description	From	Date
027	1074	Pre-ex top of hill	W	10/11/2014
028	1075	Pre-ex T11	E	10/11/2014
029	1076	Working shot T5	E	10/11/2014
030	1077	Working shot T5	E	10/11/2014
031	1078	T5 Wood inclusion in Peat (001)	NW	10/11/2014
032	1079	T5 Wood inclusion in Peat (001)	NW	10/11/2014
033	1080	T5 Wood inclusion in Peat (001)	NW	10/11/2014
034	1081	Large piece of naturally-occurring wood SE end T5	N	10/11/2014
035	1082	Large piece of naturally-occurring wood SE end T5	N	10/11/2014
036	1083	Working shot T5	N	10/11/2014
037	1084	Working shot T5	N	10/11/2014
038	1085	Area Shot	NW	10/11/2014
039	1086	Area Shot	NW	10/11/2014
040	1087	Area Shot	WNW	10/11/2014
041	1088	Area Shot	WSW	10/11/2014
042	1089	Area Shot	NW	10/11/2014
043	1090	Area Shot	E	10/11/2014
044	1091	Stuck Digger 3:30pm	E	10/11/2014
045	1092	Trench 5 overview Post-ex	E	10/11/2014
046	1093	Stuck Digger	NE	10/11/2014

Image No.	Digital	Description	From	Date
047	1094	Stuck Digger	W	10/11/2014
048	1095	Area Shot showing river	SW	10/11/2014
049	1096	Area Shot showing river	NW	10/11/2014
050	1097	Working Shot Day 2 T9	E	11/11/2014
051	1098	Working Shot Day 2 T9	E	11/11/2014
052	1099	T9 Marbling	N	11/11/2014
053	1100	W facing [007] and (008)	W	11/11/2014
054	1101	W facing [007] and (008)	W	11/11/2014
055	1102	[007] and (008)	N	11/11/2014
056	1103	Post-ex T9	ESE	11/11/2014
057	1104	Post-ex T9	WSW	11/11/2014
058	1105	T9 Burrow		11/11/2014
059	1106	T8 Flag		11/11/2014
060	1107	T8 Flag	ESE	11/11/2014
061	1108	Pre-ex area of T8-T13	SE	11/11/2014
062	1109	Pre-ex area of T8-T13	ESE	11/11/2014
063	1110	Pre-ex area of T8-T13	ESE	11/11/2014
064	1111	Pre-ex area of T8-T13	SE	11/11/2014
065	1112	Pre-ex area of T8-T13	SSW	11/11/2014
066	1113	T10 flag		11/11/2014

Image No.	Digital	Description	From	Date
067	1114	T10 Post-ex	E	11/11/2014
068	1115	T11 Flag		11/11/2014
069	1116	T11 Post-ex	ENE	11/11/2014
070	1117	T12 Flag		11/11/2014
071	1118	T12 Post-ex	ENE	11/11/2014
072	1119	T13 Mid-ex		11/11/2014
073	1120	T13 Post-ex	NE	11/11/2014
074	1121	T13 Flag		11/11/2014
075	1122	T14 Flag		11/11/2014
076	1123	T14 Mid-ex	NE	11/11/2014
077	1124	T14 Mid-ex Farm Track Ruts	NE	11/11/2014
078	1125	T14 Mid-ex Farm Track Ruts Close Up	NE	11/11/2014
079	1126	T14 Mid-ex Farm Track Ruts	SE	11/11/2014
080	1127	T14 Mid-ex Farm Track Ruts	SE	11/11/2014
081	1128	T14 Mid-ex Farm Track Ruts	SE	11/11/2014
082	1129	T14 Post-ex	NE	11/11/2014
083	1130	T15 Flag		11/11/2014
084	1131	T15 Mid-ex	NW	11/11/2014
085	1132	T15 Mid-ex	NW	11/11/2014
086	1133	T15 Post-ex	NW	11/11/2014

Image No.	Digital	Description	From	Date
087	1134	VOID	NW	11/11/2014
088	1135	T16 Flag		12/11/2014
089	1136	T16 Flag		12/11/2014
090	1137	T16 Post Ex	NW	12/11/2014
091	1138	T16 Post Ex	SE	12/11/2014
092	1139	T17 Post Ex	NW	12/11/2014
093	1140	T17 Post Ex	SE	12/11/2014
094	1141	T18 Post Ex	SE	12/11/2014
095	1142	T18 Post Ex		12/11/2014
096	1143	T18 Post Ex	NW	12/11/2014
097	1144	T18 Flag		12/11/2014
098	1145	T19 Flag		12/11/2014
099	1146	T19 Flag		12/11/2014
100	1147	T19 Post Ex	NW	12/11/2014
101	1148	T19 Post Ex	NW	12/11/2014
102	1149	T19 Post Ex	NW	12/11/2014
103	1150	Working Shot		12/11/2014
104	1151	Working Shot		12/11/2014
105	1152	T19 Post-ex	NW	12/11/2014
106	1153	T19 Working Shot	SE	12/11/2014

Image No.	Digital	Description	From	Date
107	1154	T19 Post-ex	SE	12/11/2014

Drawing Register

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
1	1	T1	Plan	1:100	Post-ex plan of Trench 1	JL	10/11/2014
2	1	T3	Plan	1:100	Post-ex plan of Trench 3	JL	10/11/2014
3	1	T2	Plan	1:100	Post-ex plan of Trench 2	JL	10/11/2014
4	1	T4	Plan	1:100	Post-ex plan of Trench 4	JL	10/11/2014
5	1	T8	Plan	1:100	Post-ex plan of Trench 8	JL	11/11/2014
6	1	T9	Plan	1:100	Post-ex plan of Trench 9	JL	11/11/2014
7	1	T5	Plan	1:100	Post-ex plan of Trench 5	JL	11/11/2014
8	2	T6	Plan	1:100	Post-ex plan of Trench 6	JL	11/11/2014
9	2	T7	Plan	1:100	Post-ex plan of Trench 7	JL	11/11/2014
10	2	T10	Plan	1:100	Post-ex plan of Trench 10	JL	11/11/2014

Drawing No.	Sheet No.	Area/Trench	Drawing Type	Scale	Description	Drawer	Date
11	2	T11	Plan	1:100	Post-ex plan of Trench 11	JL	12/11/20 14
12	2	T12	Plan	1:100	Post-ex plan of Trench 12	JL	12/11/20 14
13	2	T13	Plan	1:100	Post-ex plan of Trench 13	JL	12/11/20 14
14	2	T14	Plan	1:100	Post-ex plan of Trench 14	JL	12/11/20 14
15	2	T15	Plan	1:100	Post-ex plan of Trench 15	JL	12/11/20 14
16	2	T16	Plan	1:100	Post-ex plan of Trench 16	JL	12/11/20 14
17	3	T17	Plan	1:100	Post-ex plan of Trench 17	JL	12/11/20 14
18	3	T18	Plan	1:100	Post-ex plan of Trench 18	JL	12/11/20 14
19	3	T19	Plan	1:100	Post-ex plan of Trench 19	JL	12/11/20 14

Appendix 3: Discovery & Excavation in Scotland

LOCAL AUTHORITY:	South Lanarkshire
PROJECT TITLE/SITE NAME:	Thirstone Quarry
PROJECT CODE:	RA11023
PARISH:	Crawfordjohn
NAME OF CONTRIBUTOR:	Liam McKinstry
NAME OF ORGANISATION:	Rathmell Archaeology Limited
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR (2 letters, 8 or 10 figures)	NS 90175 27398 (centred on)
START DATE (this season)	10 th November 2014
END DATE (this season)	12 th November 2014
PREVIOUS WORK (incl. <i>DES</i> ref.)	
MAIN (NARRATIVE) DESCRIPTION: (may include information from other fields)	<p>A programme of archaeological works was required by Johnson, Poole & Bloomer Ltd on behalf of Loudounhill Contracts Ltd in respect to proposed extension to the ongoing extraction of sand & gravel at Thirstone Quarry, South Lanarkshire.</p> <p>No significant archaeology was uncovered, with the only features identified comprising an animal burrow and a modern farm track.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Loudounhill Contracts Ltd
ADDRESS OF MAIN CONTRIBUTOR:	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU
E MAIL:	contact@rathmell-arch.co.uk
ARCHIVE LOCATION (intended/deposited)	Report to West of Scotland Archaeology Service and archive to RCAHMS Collections.

Contact Details

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