

**Report of Archaeological Desktop &
Walkover Survey
Kilcoy Water Mains Renewal Project
NH 5676/4959 - NH 5822/5115 &
NH 5757/5120 - NH 5850/5222**

Client: Halcrow Group Ltd on behalf of Scottish Water

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Non-Technical Summary

Stuart Farrell was commissioned by Halcrow Group Ltd in October 2003 to undertake an archaeological desktop and walkover survey for the Kilcoy Water Mains Renewal Project.

Work revealed a number of previously unrecorded archaeological sites though none close to the proposed pipeline route.

Recommendations have been made for two sections of pipeline to have a watching brief conducted when work is undertaken.

1. Introduction

This report is for an archaeological desktop survey conducted for Halcrow Group Ltd on behalf of Scottish Water by the author for the Kilcoy Water Mains Renewal Project, Highland.

The walkover survey was conducted October 28th 2003.

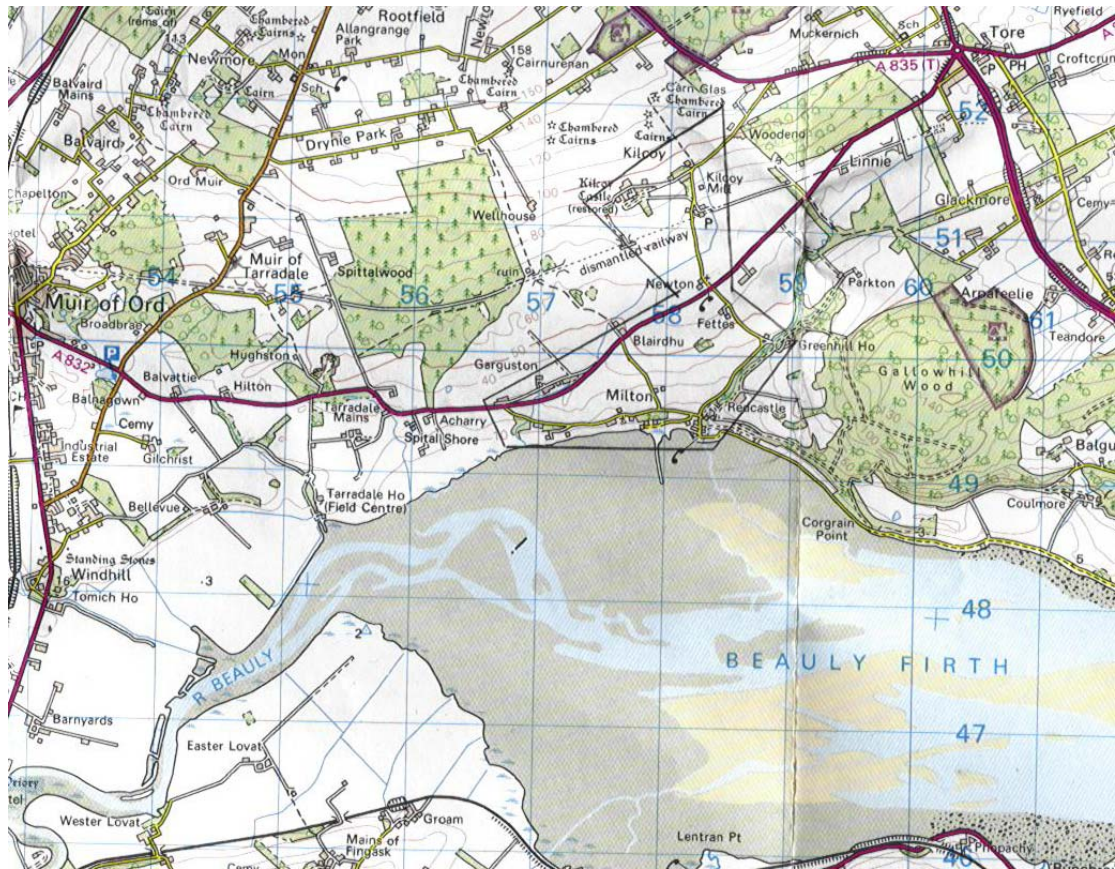
2. Acknowledgements

I would like to thank the following for their help during the work:

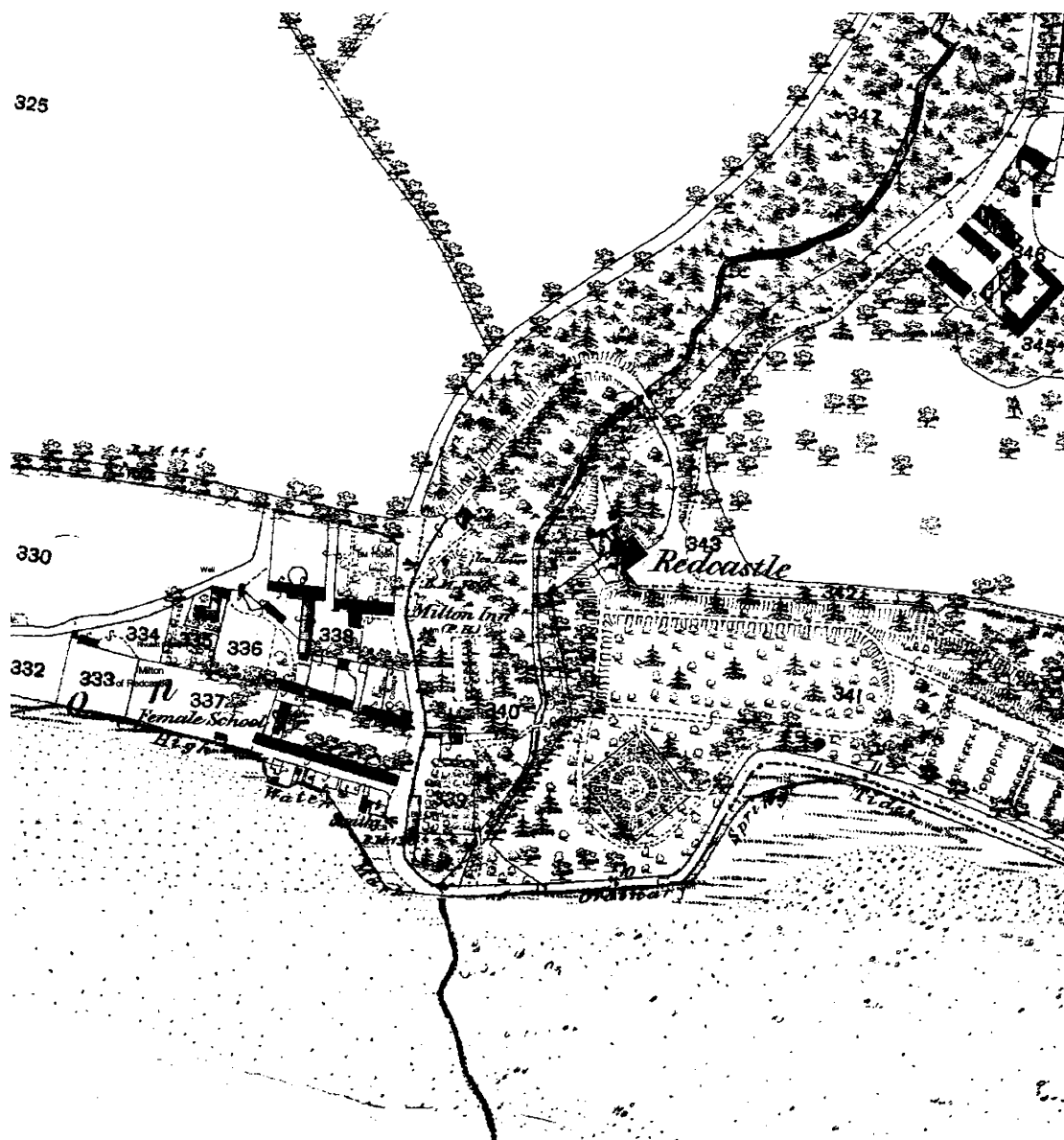
- Mr. A Barnett, of Halcrow Group Ltd;
- Staff of Highland Council Archaeology Unit;
- Staff of the Royal Commission on the Ancient and Historical Monuments of Scotland;
- Staff of the National Monuments Record of Scotland;
- Staff of Highland Council Archives;
- Staff of the National Library of Scotland, Map room.

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Figure 1: General Survey Location 1:50,000



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3. Objectives

To conduct a desktop and walkover survey to the route of the new pipeline to record those features that would be affected by the new proposed water renewals scheme. This survey to follow those guidelines as proposed by the Institute of Field Archaeologists (IFA, 1999) and to follow the enclosed specification as provided by Highland Council Archaeology Unit.

4. Archaeological Survey

Desktop & Walkover Results

A desktop survey was conducted using the following sources:

- Highland Council Sites and Monuments Record;
- National Monuments Record of Scotland, Edinburgh;
- Royal Commission on the Ancient and Historic Monuments of Scotland – aerial photograph collection;
- National Library of Scotland, Edinburgh (Maps);
- Highland Council Archives;
- Inverness Library.

Both the aerial photography and the map coverage were limited to the area of interest. Aerial photographs, in particular the latest coverage was limited due to scale. Map coverage was also limited as the 1st edition of 1870's was almost the same as the 2nd of 1905/6 and little survey work has been carried out in detail in the 20th century, with the next edition being late 1960's.

Little archaeological survey work has been conducted in this area in the past, the only work being a survey of the Beaully Firth coastline by the Centre for Field Archaeology in 1998. Some excavation did take place at Kilcoy (site 16) in 1992 by J Wordsworth as part of the Inverness to Dingwall gas pipeline but apart from a summary in *Discovery and Excavation in Scotland* this work is yet to be written up.

The following 23 archaeological sites were to be found close to the route of the pipeline (proposed new pipelines are marked in red on the accompanying maps with sites numbered).

HSMR – Highland Sites and Monuments Record
NMRS - National Monuments Record of Scotland
N/a – not available

Recommendations are given after each site.

Sites are as follows:

1 – Killearnan

HSMR – N/a

NMRS – N/a

Grid Ref: NH 56988/49324

Type – Building

Marked as partly roofed on 1st edition OS map, marked as roofed 2nd edition OS. Marked as unroofed on OS map of 1994 (1:10,000) and latest OS.

Visible as unroofed rectangular building on aerial photograph of 1946 (5321) and on aerial photograph of 1954 (39) and 1962 (51) and 1967 (92).

Walkover reveals rubble footings of a rectangular building c12m x 5m with walls up to 0.5m high and 0.4m wide.

No recommendations to be made as site situated away from proposed route.

Below: View of site facing SW.



2 – Killearnan

HSMR – N/a

NMRS – N/a

Grid Ref: NH 57247/49324

Type – Building

Marked as 3 compartment roofed building on 2nd edition OS, nothing marked on OS 1:10,000 OS map of 1994. Marked as 1 roofed 1 unroofed building on latest OS map. Visible as unroofed rectangular building of 3 compartments on aerial photograph of 1946 (3312) and on aerial photograph of 1954 (38) and 1962 (50) and 1967 (93) and 1988 (162).

Walkover reveals stone enclosure (possibly building) with 2 sheds of wood and corrugated iron.

No recommendations to be made.

Below: View of site from road facing south.



3 – Killearnan Parish Church

HSMR – NH54NE 46

NMRS – NH54NE 44.00

Grid Ref: NH 57677/49479

Type – Church

Noted in HSMR and NMRS of 'Alexander Ross-restoration and raising roof 1891'. Noted by Gifford (1992) to having been built in 1745, building raised c1800 and again in 1891. Possibly built on earlier foundation as medieval and later funerary monuments in graveyard. Church noted by Alston (1999) and Beaton (1992) to date after 1800. Walkover reveals church still extent and still in use.

Watching brief to be made in area surrounding church due to church being medieval in date. See also site 22.

Below: View of church facing SW.



4 – Milton

HSMR – NH54NE 71

NMRS – N/a

Grid Ref: NH 579/496

Type – Quarry

Marked as quarry on 1st edition OS, marked as old quarry on 2nd edition OS. Marked as disused on OS 1:10,000 of 1994.

Site visible as woods on aerial photograph of 1946 (3312) and on aerial photographs to 1967.

Walkover reveals site heavy in trees, though former working face visible to N.

No recommendations to be made.

5 – Milton

HSMR – N/a

NMRS – N/a

Grid Ref: NH 57952/49437

Type – School

Free Church school marked on 1st edition OS. Marked as roofed but not named on 2nd edition OS. Not marked on OS 1:10,000 of 1994 only boundary to rear. Building not marked on latest OS map.

Visible as roofed rectangular building on aerial photograph of 1946 (3312) and on aerial photograph of 1954 (38). Visible as unroofed rectangular building on aerial photograph of 1962 (51) of 2 compartments, 1967 (58) visible as grass covered. Walkover reveals trace of rectangular building under trees, extent not totally visible.

No recommendations to be made, as route of pipeline does not extent to this site.

6 – Milton

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58224/49483

Type – Building

L-shaped roofed building marked on 1st edition OS (see figure 2) of 5 compartments. Not marked on 2nd edition OS (see figure 3) on OS 1:10,000 of 1994 or latest OS map.

Not visible on aerial photograph of 1946 (3312) or 1954 (40) or 1962 (182) or 1967 (58).

Walkover reveals no trace of any building only area of grass field.

No recommendations to be made as route of pipeline to be at edge of field.

7 – Milton

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58250/49476

Type – Building

T-shaped roofed building marked on 1st edition OS (see figure 2) of 5 compartments. Not marked on 2nd edition OS (see figure 3) on OS 1:10,000 of 1994 or latest OS map.

Visible as small rectangular grass covered mound on aerial photograph of 1946 (3312).

Nothing visible on aerial photograph of 1954 (40) and 1962 (182), though in area of shadow and 1967 (58).

Walkover reveals no trace of any building only area of grass field.

No recommendations to be made as route of pipeline to be at edge of field.

8 – Milton

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58210/49421

Type – School (Female), Buildings

Marked on 1st edition OS (see figure 2) of 5 compartments. Not marked on 2nd edition OS (see figure 3) on OS 1:10,000 of 1994 or latest OS map. Also buildings to south and north as part of terraced row.

Nothing visible on aerial photograph of 1946 (3312) or 1954 (40) and 1962 (182) and 1967 (58).

Walkover reveals no trace of any building only area of grass field. A wall comprising part of a shed sited nearby to the south has squared quoins possibly end of a gable wall.

No recommendations to be made as route of pipeline to be at edge of field.

9 – Chapelton

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58780/50141 (centred)

Type – Buildings, Smithy

Marked on 1st edition as smithy of 2 roofed buildings with unroofed building/enclosure on NW side. Marked as 3 roofed buildings on 2nd edition OS. Nothing marked on latest OS map.

Visible as 3 roofed rectangular buildings on aerial photograph of 1946 (3311) and on aerial photograph of 1954 (36) and 1967 (23).

Name of Chapelton is recorded in the NMRS (NH66SE 16) as possible placename evidence for chapel site.

Walkover reveals no trace of any buildings, only trees in garden.

Watching brief to be made in this section of pipeline due to placename evidence.

10 – Kilcoy Station House

HSMR – NH55SE 23

NMRS – NH55SE 18

Grid Ref: NH 58210/51100

Type – House (station)

No information available in HSMR or NMRS. Not marked 1st edition OS, marked on 2nd edition OS.

Visible as roofed rectangular building on aerial photograph of 1946 (3310) and of 1954 (36) and 1962 (49) and 1967 (62).

Walkover reveals site to be private house.

No recommendations to be made.

11 – Redcastle Station

HSMR – NH55SE 24

NMRS – NH55SE 17

Grid Ref: NH 58250/51100

Type – Railway Station

No information available in HSMR or NMRS. Not marked 1st edition OS, marked on 2nd edition OS. Station closed to passenger traffic in 1951 and to goods traffic in 1960's (information from D Easton of RCAHMS).

Visible as roofed rectangular building on aerial photograph of 1946 (3310) and of 1954 (36) and 1962 (49) and 1967 (62).

Walkover reveals site to be private house.

No recommendations to be made.

12 – Kilcoy Castle

HSMR – NH55SE 8

NMRS – NH55SE 8

Grid Ref: NH 57662/51236

Type – Castle, Gatepiers

Noted in HSMR and NMRS of 'A 17th C Z-plan fortalice 4 storeys high of warm red rubble masonry pierced with gun-loops and shot-holes. The present entrance is in centre of S front but original was in the re-entrant angle with SE tower. The castle was erected by Alexander MacKenzie, who acquired the property in 1618, and by end of 19th C it was a roofless ruin but it has since been restored. The later additions to NW side were built in c1890. According to owner's wife (Mrs. Robertson, Kilcoy Castle), castle's construction was started in 1618 by James Stewart of Newton. After his death property passed to Alexander MacKenzie. Architect was Alexander Ross for its restoration and additions'. Marked as ruins on 1st edition OS, marked as roofed 2nd edition OS.

Noted by Beaton (1992) that restoration work also conducted in 1968. A detailed architectural description of the building is given by Gifford (1992).

Visible as roofed building and castle policies on aerial photograph of 1954 (36) and 1962 (49) and 1967 (61).

Walkover reveals site in private ground well away from proposed route.

No recommendations to be made.

13 – Kilcoy

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58181/51537

Type – Building

Unroofed rectangular building on 1st edition OS, marked as roofed on 2nd edition OS. Not marked on OS 1:10,000 of 1994 or latest OS map.

Not visible on aerial photograph of 1946 (3310) as in area of shadow. Visible as irregular shaped depression on aerial photograph of 1954 (36). Visible as ploughed field in 1962 (49) and 1967 (61).

Walkover reveals no trace of any building only area of grass field.

No recommendations to be made as route of pipeline to be at edge of field.

14 – Kilcoy

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58419/51863

Type – Building

2 compartment rectangular building on 1st edition OS, not marked on 2nd edition OS or latest OS map.

Nothing visible on aerial photograph of 1954 (35) and 1962 (49) and 1967 (62) or 1988 (162). No coverage for 1946.

Walkover reveals no trace of any building only area of grass field.

No recommendations to be made as route of pipeline to be at edge of field.

15 – Kilcoy

HSMR – N/a

NMRS – NH55SE 58

Grid Ref: NH 58297/51903 (centred)

Type – Buildings

Noted in NMRS of 'a farmstead comprising 3 roofed buildings, a partially roofed building, an enclosure and a field wall is depicted on 1st edition OS (Ross 1874-80 sheet 100) but not shown on 1:10,000 1992'.

? 2 buildings one of 2 compartments marked 1st edition OS, only 1 single unroofed building marked 2nd edition OS. Nothing marked on latest OS map.

Visible partly as single building on aerial photograph of 1954 (35) and 1962 (49) in a grass mound. By 1967 (62) only visible as a grass mound. Trace only of mound visible on aerial photograph of 1988 (162) No coverage for 1946.

Walkover reveals no trace of any building only area of grass field.

No recommendations to be made as route of pipeline to be at edge of field.

16 – Kilcoy

HSMR – NH55SE 22

NMRS – NH55SE 21

Grid Ref: NH 5831/5194

Type – Arrowhead, burial, cremation, pit, pottery

Noted in HSMR and NMRS of 'monitoring of the Inverness-Dingwall gas pipeline revealed a bowl shaped pit 1.2m in diameter by 250mm deep containing calcinated bone, coarse ware pottery, charcoal and a leaf-shaped arrowhead'. (Wordsworth, 1992, 45)

Nothing visible to this area on aerial photographs from 1954 to 1967, no coverage for 1946.

Walkover reveals no visible features only area of grass field.

Recommended that watching brief be conducted in the vicinity of this site from road at Kilcoy Chalets to reservoir.

17 – Wester Culbo

HSMR – NH55SE 87

NMRS – N/a

Grid Ref: NH 584/521

Type – Quarry

Marked as quarry 1st and 2nd edition OS. Marked as disused on OS 1:10,000 of 1994 and latest OS map.

Visible on aerial photograph of 1954 (35) and 1962 (49) and 1967 (62). No coverage for 1946.

Walkover reveals site to be covered in scrub and small woodland.

No recommendations to be made.

18 – Wester Culbo

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58444/52020

Type – Buildings

2 roofed buildings marked on 1st edition OS, only 1 roofed building to the north of 2 compartments marked on 2nd edition OS. Not marked on OS 1:10,000 of 1994 or on latest OS map. Buildings possibly associated with nearby quarry.

Visible as single unroofed rectangular building on aerial photograph of 1954 (35). No coverage for 1946. Only a trace of a wall to the N and NE visible on aerial photograph of 1962 (49). Only trace of walling in rough ground on aerial photograph of 1967 (62).

Nothing visible on aerial photograph of 1988 (162).

Walkover reveals no trace of any building only area of grass field.

No recommendations to be made as route of pipeline to be at edge of field.

19 – Killearnan Free Church

HSMR – NH55SE 76

NMRS – BH55SE 66

Grid Ref: NH 58330/50570

Type – Church

Noted in HSMR and NMRS of 'Architect Alexander Ross. Building altered in 1895'. Noted by Gifford (1992) by John Rhind of 1864. Church is marked as United Free Church on 2nd edition OS.

Walkover reveals building of pink and yellow sandstone in a possible gothic revival style, currently Free Church of Scotland.

No recommendations to be made.

Over: View of Church facing NE.



20 – Killearnan

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58341/50547

Type – War Memorial

Not listed in HSMR or NMRS. War memorial was unveiled in April 1923.

Walkover reveals memorial set off road in small garden of grey granite blocks with panels of 1914-18 and 1939-45.

No recommendations to be made.

Below: View of Memorial facing SE.



21 – Killearnan

HSMR – N/a

NMRS – NH54NE 47

Grid Ref: NH 577/495

Type – Coin, Pottery

Noted in NMRS of 'Edward III silver groat (1351-77) openwork copper-alloy mount and green-glazed jug strap handle found in builder's spoil close to church noted in 1996'.

Walkover reveals no trace of recent works.

Watching brief to be made in area surrounding church due to church being medieval in date. See also site 3.

22 – Killearnan

HSMR – N/a

NMRS – NH54NE 35

Grid Ref: NH 5772/4950

Type – Building

Site marked on NMRS base map but not in database.

Marked as roofed 1st edition OS not marked on 1:10,000 of 1992. Visible as unroofed rectangular building of 3 compartments on aerial photograph of 1946 (3312) and on aerial photograph of 1954 (38). Not visible on aerial photograph of 1962 (50) or 1967 (59) only as area of rough ground.

Walkover reveals no trace of any building only area of garden.

No recommendations to be made as route of pipeline to be at edge of field.

22 – Killearnan

HSMR – N/a

NMRS – N/a

Grid Ref: NH 58130/49544

Type – Well?

Site revealed during walkover survey of sandstone trough 1.1m x 0.7m with cast-iron pipe (and later plastic pipes) by road edge with rubble sandstone wall to rear.

No recommendations to be made as route of pipeline to be at edge of field above site.

Below: View of site facing N – scale 1m.



5. Conclusions

Overall most of the sites revealed relate to the former crofting landscape with the occasional prehistoric site, though a majority of these sites have been removed through agricultural improvements especially in the post First World war period.

6. Archive

A copy of this report is to be deposited in the National Monuments Record in Edinburgh and the Highland Council Sites and Monuments Record.

7. Discovery & Excavation in Scotland

A short summary of the results of this project will be submitted to the Council for Scottish Archaeology's publication *Discovery & Excavation in Scotland*.

8. References

Alston, D (1999) *Ross and Cromarty: A Historical Guide*. Birlinn. Edinburgh.

Beaton, E (1992) *Ross & Cromarty: An Illustrated Architectural Guide*. RIAS. Edinburgh.

Gifford, J (1992) *The Buildings of Scotland: The Highlands and Islands*. Penguin. Edinburgh.

Highland Sites and Monuments Record database entries for NH54NE & NH55SE.

IFA (1999) *By-laws, Standards and Policy Statements of the Institute of Field Archaeologists*. Reading.

National Monuments Record of Scotland CANMORE entries for NH54NE & NH55SE.

Wordsworth, J (1992) *Ross & Cromarty - Kilcoy Discovery & Excavation in Scotland* page 45. Council for Scottish Archaeology. Edinburgh.

OS Maps Consulted

Ordnance Survey 1st edition 6inch-mile sheet 99 Ross & Cromarty of 1880 surveyed 1872.

Ordnance Survey 1st edition 6inch-mile sheet 100 Ross & Cromarty of 1880 surveyed 1872.

Ordnance Survey 2nd edition 6inch-mile sheet 99 Ross & Cromarty of 1905 revised 1904.

Ordnance Survey 2nd edition 6inch-mile sheet 100 Ross & Cromarty of 1905 revised 1904.

Ordnance Survey maps NH54NE & NH55SE for 1992-1994 1:10,000.

Aerial Photographs Consulted

RAF CPE/Scot/UK 184 5315-5321, 3308-3312	9-10-1946	1:10,000
RAF 82/RAF/1038 34-39, 36-41	6-10-1954	1:10,000
RAF 58/RAF/5391 F21/73-71, F22/51-47, F21/51-48	14-8-1962	1:10,000
OS OS/67/82 87-93, 63-58	3-5-1967	1:7,500
OS OS/67/117 19-25	30-5-1967	1:7,500
ASS 61188 161-163	14-5-1988	1:24,000

Photographic Register

- 1 – Site 1 facing SW
- 2 – Site 19 facing NE
- 3 – Site 20 facing SE
- 4 – Site 3 facing SW.
- 5 – Site 2 facing S.
- 6 – Site 23 facing N.