This document provides a summary of the contents of the digital archive for the Silbury Hill Conservation Project (Site code 661)

For more detail, the indices that give every file contained within the archives are:

- **Pr661_2012_ADS-Metadata-FileLevel_Archive_v01.xls**
- **Pr661_2012_EH-Metadata-FileLevel_Archive_v01.xls**
- **Pr661_2012_Metadata_PhotogrammetryFileLevel_Archive_v01.xls**

ADS Archive contents:

Archive information folder (5 files):

- a summary of the archive contents (i.e. the final version of this document);
- a report detailing the archiving process;
- a table of the Silbury Hill events as identified by the Digital Archivist;
- a copy of the file-naming convention used-in diagram form
- a report containing all other information regarding the photogrammetry files and the working process.

Metadata folder (25 files):
Project-level metadata: this is the top level metadata-effectively an overview of the project and the work and people involved.
Then three sub-directories:
ADS Metadata (5 files):
- ADS Metadata File Level: essentially an index of the all the files to be deposited with the Archaeological Data Service.
Sub-folder:- ADS File Types (4 files containing file type-specific information):
- 2 doc files-database data dictionary and spreadsheet metadata in table form;
- 2 tiff files-two versions of the database entity relationship diagram.
EH Metadata (3 files):
- EH Metadata File Level: essentially an index of the all the files to be deposited with the English Heritage Archives.
Sub-folder:- EH File Types (2 files containing file type-specific information):
- 2 excel spreadsheets-information regarding the Raster images and Vector images using the ADS templates.
Topcon Projects (16 files):
As these are slightly more complicated, they have more metadata and so these files have been given their own folder, the files are:
- 11 tiff files-scanned images of plans of the survey points used to undertake the photogrammetry, (these were created during the archiving process using the stereo pair photographs)
- 3 excel spreadsheets-information pertaining to the different file types using the ADS templates. These are: Camera data; Image data; and survey data.
- Excel spreadsheet-file level-effectively an index of the Topcon project files
- Excel spreadsheet-project relationships: in addition to the ADS suggested templates, I have created a file relationship spreadsheet as so many of the photogrammetry files relate to each other. This basically states what image files were used with what survey files to create which project which was then digitised into AutoCAD.

The rest is the actual Silbury data, for the ADS archive this is:

182 files (963MB):
- The 182 files are comprised of 127 .csv files; 31 .doc files; 1 .docx; 1 .mdb; 6 .pdf; 16 .xls they are sorted as follows:

Post-Excavation Data (52 files):
- 16 Finds and Enviro data files: 14 spreadsheets and 2 word documents: 7 from 2001-2004 6 of which are related to the core samples and 9 from the 2007 work;
- 33 Reports and Documents: 27 word documents and 6 pdf files, various evaluation, assessment reports and summaries from the various different episodes of work within the Silbury Hill Conservation Project.
- 3 files - Site Interpretation Data: 2 excel spreadsheets: the latest context index and site Harris matrix and 1 word document: the Silbury archaeological Phase Summary.

Site Data (130 files):
- 2 Site Records Database files: the database itself in mdb format and a copy of the original user guide in word.
- 128 Survey files: 127 csv files containing the spatial data, and 1 word document with notes regarding the crater survey in 2008.

English Heritage Archive contents:

Archive information folder (5 files):

- a summary of the archive contents (i.e. the final version of this document);
- a report detailing the archiving process;
- a table of the Silbury Hill events as identified by the Digital Archivist;
- a copy of the file-naming convention used-in diagram form
- a report containing all other information regarding the photogrammetry files and the working process.

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The rest is the actual Silbury data, for the EH archive this is:
13,557 files (190GB):
- 6,230 Images;
- 7,327 Photogrammetry Project files.

The 6,230 image files are comprised of 6,095 .tiff files and 135 .dwg files, they are sorted as follows:
Site Images (5840 files):
1,123 Photogrammetry Photos: 4 orthoimages; 10 calibration images; 1,109 Topcon images (i.e. the stereo pair photographs);
133 Site Drawings: scanned hand-drawn drawings: 6 from 2001; 127 from 2007;
4,584 Site Photos: 21 photos of the summit shaft; 2,307 site photos from 2000-2006; 383 Site Photos from 2007 (DS Camera); 1,873 site photos from 2007 (EH Camera)
Post-excavation Images (390 files):
21 AutoCAD drawings-mostly working drawings, plus some showing locations of boreholes, contour models, and badger setts;
30 Digitised site drawings (AutoCAD)-mainly the summit excavations
84 Digitised Topcon Projects (AutoCAD)-mainly the tunnel elevations
255 finds and enviro images: 40 photographs of antler fragments; 25 photographs of the BBC time capsule during conservation; 180 images of 2001-2003 core samples (154 cropped photos and 26 diagrams); 6 photographs of stone fragments; 4 images (one sketch, 3 photos) of turf sample.

The Photogrammetry Topcon PI3000 Projects

These files are all of the Topcon projects created on site using the stereo pair photographs, survey files, and camera calibration files which have all been saved separately elsewhere in the archive. Most of these files were created by the Topcon software as part of the processing of the images to create a 3D surface. These are being retained as there has not yet been a finished final product of the photogrammetry work and they could do with being revisited. By keeping the projects, it may be easier to reuse these projects than to start the process again using the RAW data, but the user has both options as all have been retained.

N.B. The Photogrammetry-specific metadata has been duplicated and included with the Topcon Projects so that, should they be stored separately to the rest of the archive, the relevant information should still be readily accessible.

The Topcon file types, in order of frequency, are as follows:

File type	File Count	Description
.imc	1115	Image Coordinates file-This file is internally generated by the Topcon PI3000 software.
.bmp	1052	This file is an image internally generated by the Topcon PI3000 software-manipulated versions of the stereo pair tiffs

.ext	1045	This file is internally generated by the Topcon PI3000 software.
.jpg	971	Generally these are the surface files created internally by the Topcon software (though a few of the original stereo pair images were jpegs as well.
.tiff	834	Stereo pair images, these are duplicates of those saved separately in the EH Archive. 11 of these tiffs are part of the metadata
.rel	534	This file is internally generated by the Topcon PI3000 software.
.TIF	245	Stereo pair image
.ste	230	This file is internally generated by the Topcon PI3000 software. It contains data relevant to the stereo pairs.
.STE	220	This file is internally generated by the Topcon PI3000 software. It contains data relevant to the stereo pairs.
.txt	153	Generally the 'bundleresult.txt' files, internally generated by the Topcon PI3000 software, it is a key file for identifying how Topcon processed the information as it contains the relevant survey, camera calibration and image data for each particular sub-project
.cmr	85	The main camera calibration file used in the Topcon projects for the tunnel, Also saved elsewhere in the ADS archive.
.cs$	83	This file is internally generated by the Topcon PI3000 software.
.dx$	83	This file is internally generated by the Topcon PI3000 software.
.he$	83	This file is internally generated by the Topcon PI3000 software.
.le$	83	This file is internally generated by the Topcon PI3000 software.
.ti$	83	This file is internally generated by the Topcon PI3000 software.
.pi4	81	Project file-the main file used to view the Topcon project-in this case the Main tunnel, East elevation, bays 01 to 03
.bm$	78	This file is internally generated by the Topcon PI3000 software.
.bm$w	78	This file is internally generated by the Topcon PI3000 software.
.or$	78	This file is internally generated by the Topcon PI3000 software.
.JPG	27	Copies of stereo pair images (created by Topcon generally)
.IMC	10	Image Coordinates file-This file is internally generated by the Topcon PI3000 software.
.wrl	9	This file is internally generated by the Topcon PI3000 software - a general file for recording TIN and texture data.
.ort	7	This file is internally generated by the Topcon PI3000 software. (ortho-image)
.xls	5	These are the metadata spreadsheets.
.bmpw	4	This file is internally generated by the Topcon PI3000 software.
.BM$	4	This file is internally generated by the Topcon PI3000 software.
.jpgw	3	This file is internally generated by the Topcon PI3000 software.
.pdf	3	Working images of orthoimages and points.
.dxf	3	This file is internally generated by the Topcon PI3000 software.
.CSV	3	Survey file used by the Topcon PI3000 software to locate images using target points, it is also saved elsewhere in the ADS archive.
.CV$	3	This file is internally generated by the Topcon PI3000 software.
.DX$	3	This file is internally generated by the Topcon PI3000 software.
.DXF	3	This file is internally generated by the Topcon PI3000 software.
.HE$	3	This file is internally generated by the Topcon PI3000 software.
.LE$	3	This file is internally generated by the Topcon PI3000 software.
.ORT	3	This file is internally generated by the Topcon PI3000 software.
.PI4	3	Project file-the main file used to view the Topcon project
.TI$	3	This file is internally generated by the Topcon PI3000 software.
.TXT	3	Positional information file internally generated by the Topcon PI3000 software.

.dwg	2	test working drawings	
.OR$	2	This file is internally generated by the Topcon PI3000 software.	
.tin	1	This file is internally generated by the Topcon PI3000 software. It is a Triangulated Irregular Network-a series of triangles that map a surface.	
.BMP	1	This file is internally generated by the Topcon PI3000 software.	
.csv	1	Survey file used by the Topcon PI3000 software to locate images using target points, also saved elsewhere in the ADS archive.	
.bak	1	This file is internally generated by the Topcon PI3000 software.	
Totals	47 file types	7327 files	