Project Name	Virtual Amarna Project
Name of monument, survey area, or object	NA
Monument/Object Number	34611
Monument/Object Description	Small figurine
Survey Location	Amarna, Egypt
Survey Date(s)	16-Mar-2008
Survey Conditions	Indoors
Scanner Details	Konica Minolta VIVID 9i; mm; Serial No: 1001198
Company/Operator Name	Center for Advanced Spatial Technologies,Christopher Goodmaster
Control data collected?	No
Turntable used?	No
RGB data capture. IF Yes, provide details.	Yes. The VIVID 9i uses internal RGB capture. No additional lighting was used to illuminate the scan artifacts. All additional lighting/color adjustments on the objects was performed during post-processing if necessary.
Estimated Data Resolution	0.161
Total Number of Scans in Project	7
Description of final datasets for archive	Original scans, registered dataset, premesh dataset, mesh dataset, decimated mesh dataset, images
Planimetric map of scan coverage areas	No
Additional project notes	NA
Images from survey	34611_01.jpg, 34611_02.jpg, , , , ,

* All Project Information is REQUIRED.

2-Scan Metadata

*Scan Filename	Scan Transformation Matrix	Matrix Applied to Scans?	* Name of monument/object area	* Survey Date	Number of Points in Scan	Additional Scan Notes	* Scanner Technology	Data Resolution	Lense or FOV Details (Triangulation scans only)
34611_01	34611_mtrx_01	Yes	34611	16-Mar-2008	26064	NA	Triangulation	0.164875	Tele
34611_02	34611_mtrx_02	Yes	34611	16-Mar-2008	26320	NA	Triangulation	0.160347	Tele
34611_03	34611_mtrx_03	Yes	34611	16-Mar-2008	29788	NA	Triangulation	0.161941	Tele
34611_04	34611_mtrx_04	Yes	34611	16-Mar-2008	21449	NA	Triangulation	0.160492	Tele
34611_05	34611_mtrx_05	Yes	34611	16-Mar-2008	21188	NA	Triangulation	0.161148	Tele
34611_06	34611_mtrx_06	Yes	34611	16-Mar-2008	31894	NA	Triangulation	0.160108	Tele
34611_07	34611_mtrx_07	Yes	34611	16-Mar-2008	16879	NA	Triangulation	0.158742	Tele

Name of Registered Dataset	Global Registration Error in units	Total number of points in final registration
34611_GR.txt	0.019	173571

* All Registration Information is REQUIRED.

Pre-Meshing Metadata

Name of Pre-Mesh Dataset	34611_GRE.txt
Number of Points in File	92985
Overlap Reduction	Y
Smoothing	N
Subsampling	N
Color Editions	N
Point Deletion Summary	Overlap reduction was computed in Polyworks software. Following overlap reduction, floating data points were also deleted. Data remnants from overlap reduction were also deleted as necessary.

Polygonal Mesh Metadata:

Name of Mesh Dataset	34611_hi.obj
Holes Filled	Y
Smoothing	Y
Color Editions	N
Healing/despiking	Y
Total Triangle Count (post editing, predecimation)	146798
RGB Color Included	Y
Data Reduction	N
Coordinate System Adjustment	N
CS Adjustment Matrix	NA
Additional processing notes	NA

Decimated Polygonal Mesh Metadata:

Name of Decimated Mesh Dataset	34611_lo.obj
Total Original Triangle Count	146798
Decimated Triangle Count	25000
RGB Color Preserved from original dataset	Y

Image Metadata

Identifier (Image File Name)	Title / Caption	Description of Image	Creator	Date	Rights	Keywords	Location
34611_01.jpg	NA	Image of Amarna Object 34611,small figurine	Center for Advanced Spatial Technologies,Christopher Goodmaster	16-Mar-2008	Creative Commons 3.0	Amarna, Akhenaten, 3D model	Amarna, Egypt
34611_02.jpg	NA	Image of Amarna Object 34611,small figurine	Center for Advanced Spatial Technologies,Christopher Goodmaster	16-Mar-2008	Creative Commons 3.0	Amarna, Akhenaten, 3D model	Amarna, Egypt