

## Horn container



### Photogrammetry Report.

#### Component

#### Image Data

#### Orientation Report

1.	Number of input data	145
2.	Registered images count	124 / 145
3.	Points count	321521
4.	Total projections	1118370
5.	Average images per tie point	3.5
6.	Maximum reprojection error [pixels]	2.00
7.	Median reprojection error [pixels]	0.44
8.	Mean reprojection error [pixels]	0.55



Fig. 1 – Composite 4 Views

Model Data	
Poly Report	
1. High Poly Triangle count	20388598
2. Low Poly Triangle count	74996

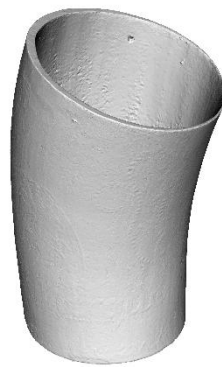


Fig. 2 – High Poly



Fig. 3 – Low Poly



## Texturing Report.

### Roughness and Texture Correction



Fig. 4 – Before texturing with SP



Fig. 5 – After texturing with SP

## PBR Textures

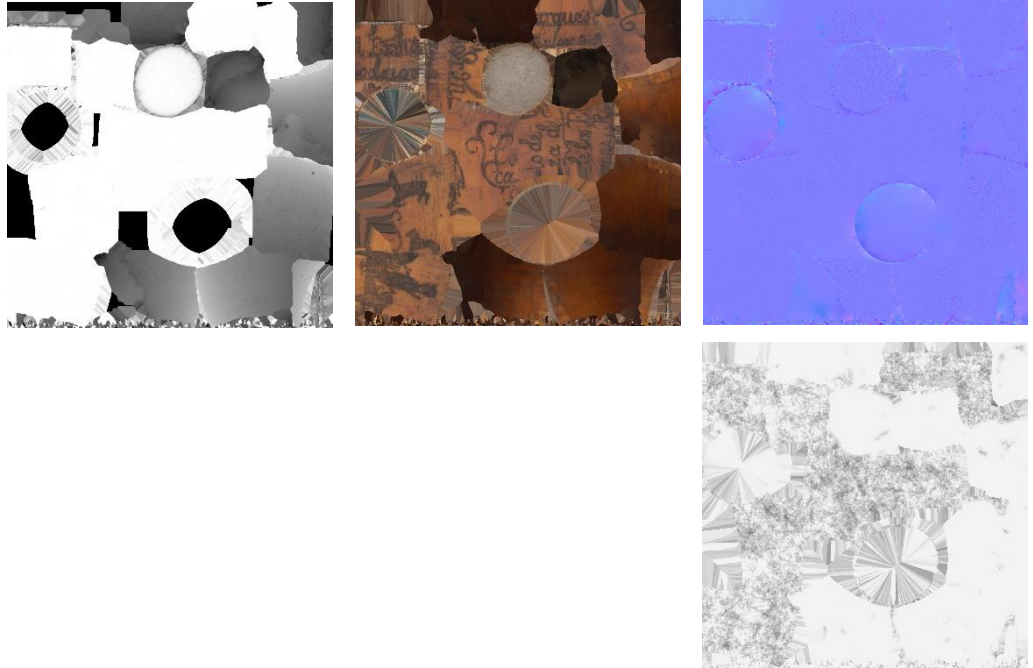


Fig. 6 – AO, Diffuse, Normal (top), and Roughness (bottom)





Blender Report.

## Mesh Restoration

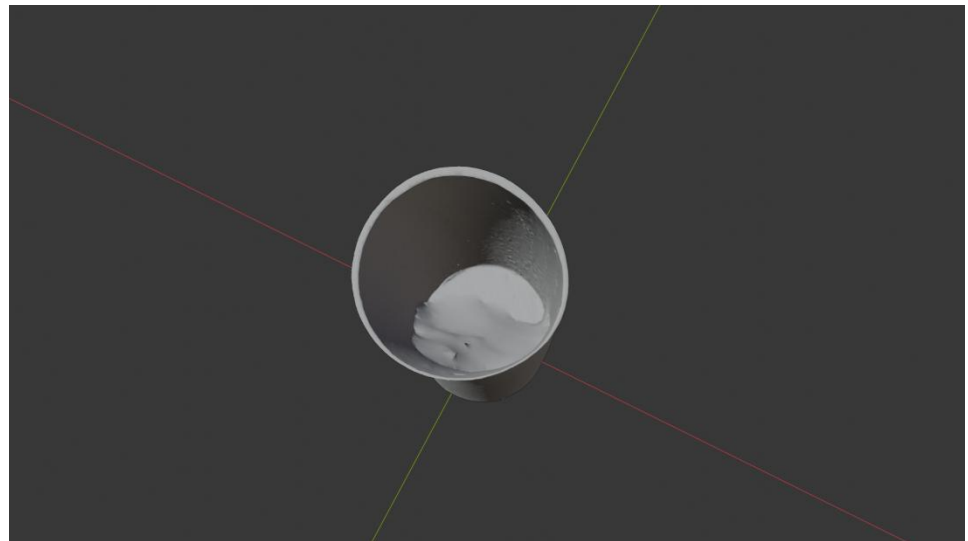


Fig. 7 – 3D Model before restoration

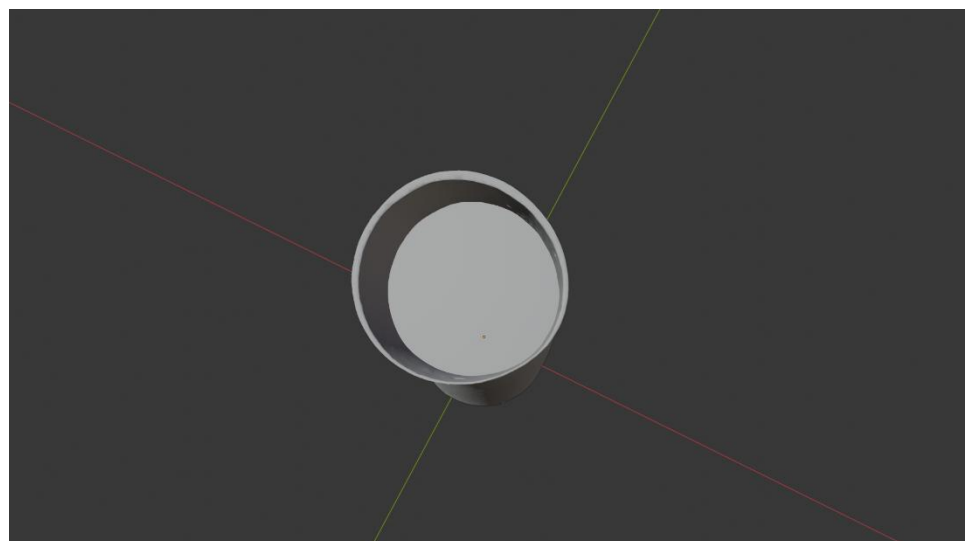


Fig. 7 – 3D Model after restoration

## Rendering



Fig. 9 – Rendered image of the final model



Fig. 10– Final model rendered in context

## Scaling



Fig.11 – Different views of the 3D model showing front, side, back, side, bottom, and top perspectives





## Data Sheet.

### Data

Horn Container	
Site	Muséu del Pueblu d´Asturies / RDM1309
Origin	Caliao
Creator	-
Technique	Carving
Material	Horn; Wood
Date	1921
Purpose of Production	Herding; Hunting
Size	18x11x10

### Description

Horn container decorated with an inscription framed by garlands and other vegetal motifs. A carved inscription reads: "Hunting place of His Excellency, the Marquess of Rodriga Caleao, 16 11 21" ("Coto de caza de El Exmo. Sr. Marqués de la Rodriga Caleao 16 11 21"). The inscription is accompanied by a hunting scene featuring a man riding a horse with a rifle, a chamois, and a dog.