Stirrups

Photogrammetry Report.

Component 1: Stirrup 1

Image Data	
Orientation Report	
1. Number of input data	170
2. Registered images count	164 / 170
3. Points count	202353
4. Total projections	667923
5. Average images per tie point	3.3
6. Maximum reprojection error [pixels]	2.00
7. Median reprojection error [pixels]	0.46
8. Mean reprojection error [pixels]	0.58

Fig. 1 – Composite 4 Views

Model Data	
Poly Report	
1. High Poly Triangle count	26254236
2. Low Poly Triangle count	74978

Fig. 2 – High Poly

Fig. 3 – Low Poly

Component 2: Stirrup 2

Image Data	
Orientation Report	
9. Number of input data	202
10. Registered images count	194 / 202
11. Points count	376450
12. Total projections	1484586
13. Average images per tie point	3.9
14. Maximum reprojection error [pixels]	2.00
15. Median reprojection error [pixels]	0.49
16. Mean reprojection error [pixels]	0.59

Fig. 4 – Composite 4 Views

Model Data

Poly Report

3.	High Poly Triangle count	29764234
4.	Low Poly Triangle count	74988

Fig. 5 – High Poly

Fig. 6 – Low Poly

Pt

Texturing Report.

Roughness, Levels and Texture corrections

Fig. 7 – Stirrup 1 Before texturing with SP

Fig. 8 – Stirrup 1 After texturing with SP

Fig. 9 – Stirrup 2 before texturing with SP

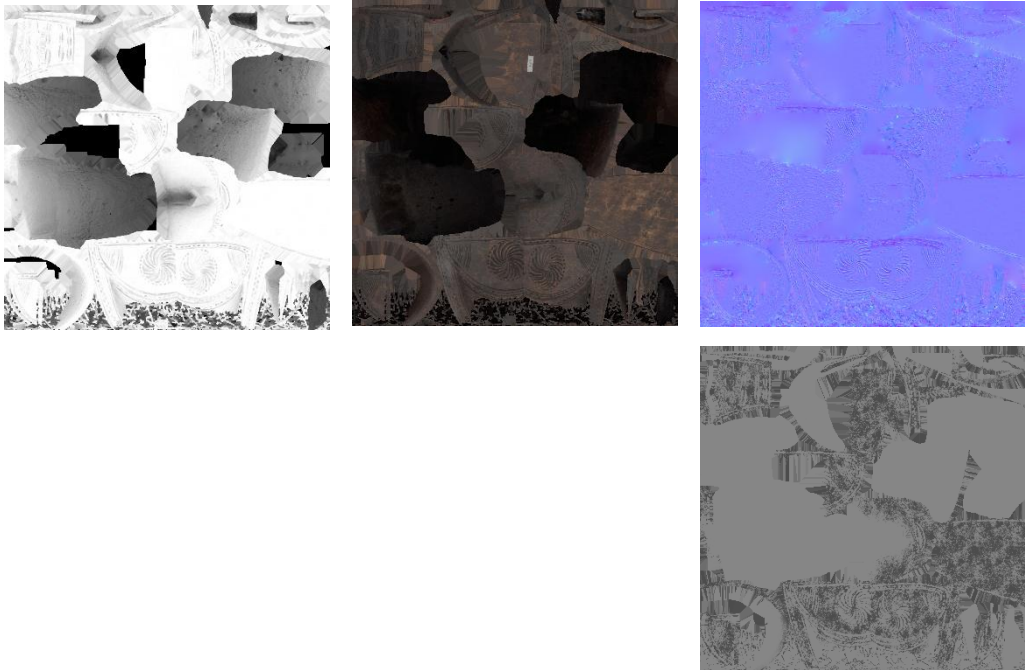Fig. 10 – Stirraup 2 after texturing with SP

PBR Textures

Fig. 11– AO, Diffuse, Normal (top), and Roughness (bottom) from Stirrup 1
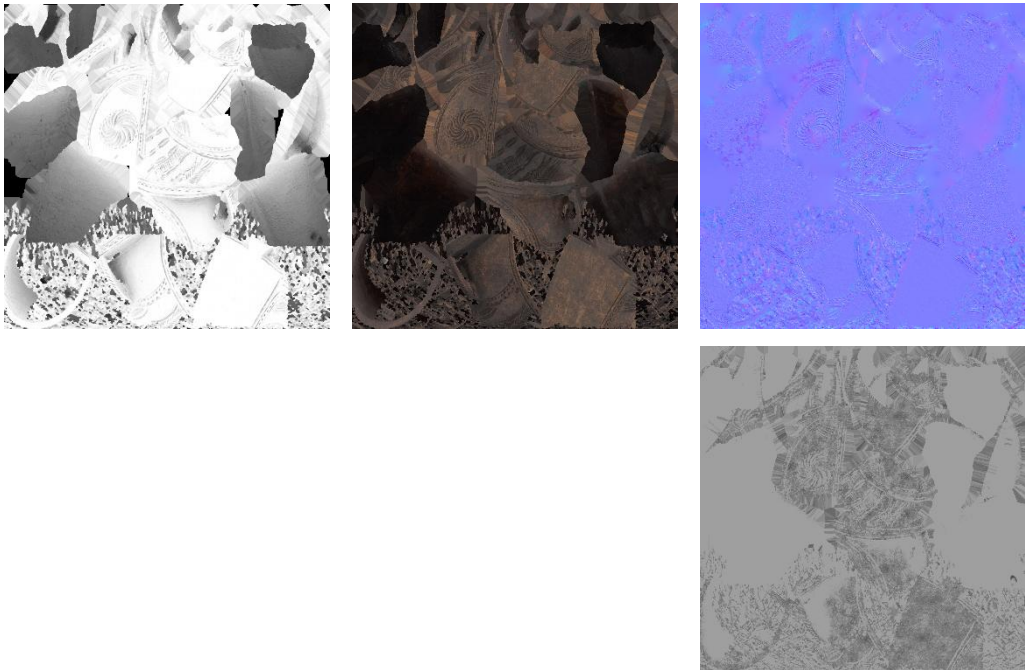

Fig. 12– AO, Diffuse, Normal (top), and Roughness (bottom) from Stirrup 2

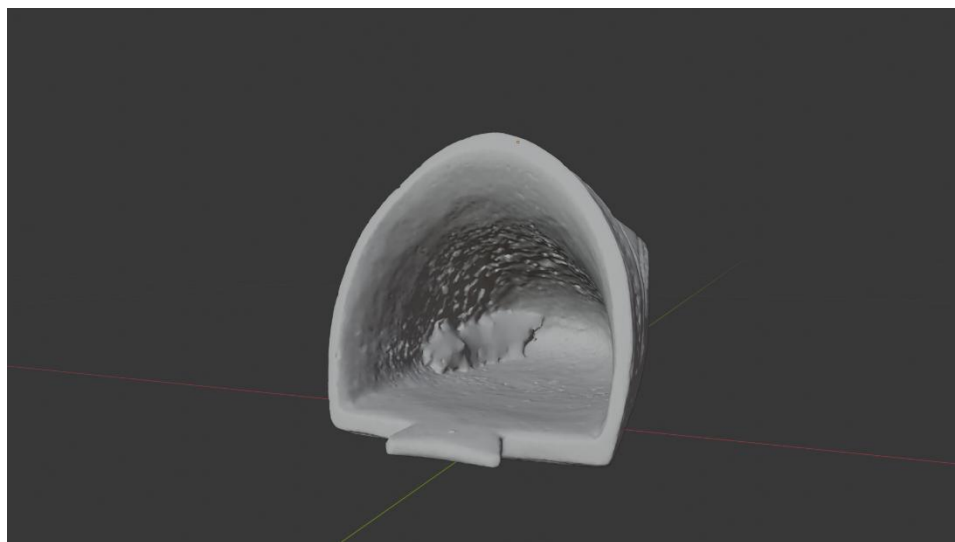# Blender Report.

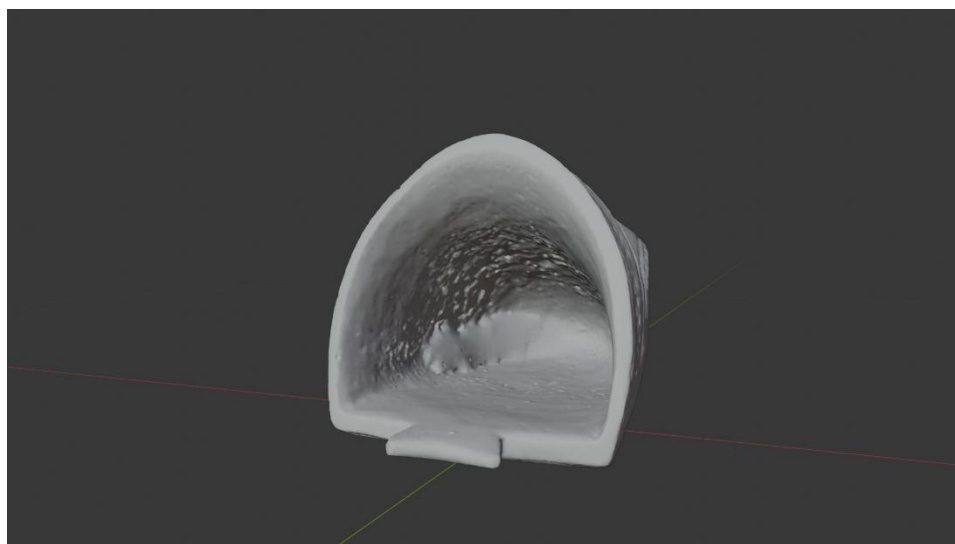## Mesh Restoration

Fig. 13 – Stirrup 1 before restoration

Fig. 14 – Stirrup 2 after restoration

Rendering

Fig. 15 – Rendered image of the final model

Fig. 16 – Final model rendered in context

Scaling Stirrup 1

Fig.15 – Different views of the 3D model showing, front, back, sides, bottom and top perspectives

Scaling Stirrup 2

Fig.15 – Different views of the 3D model showing, front, back, sides, bottom and top perspectives

Data Sheet.

Data

Stirrups	
Site	Muséu del Pueblu d´Asturies / RDM1335
Origin	-
Creator	-
Technique	Wood carving
Material	Wood
Date	Ca. 1900/1920
Purpose of Production	Equine farming
Size	14x20x14cm

Description

Wooden stirrups featuring geometric and vegetal motifs carved on their various sides. A handle at the top is also decorated.