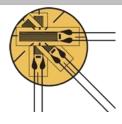
Experimenters			Date	
Specimen	ID		Side	
		Potting		
Exposed Length	i			
Strain Gauges	Number	Locations		
1				
1				
1				

Seth Gilchrist July 20, 2012

Chooimon	ID	Side	Date
Specimen			

INSTRON TESTING

Wavemaker	File Name							
Wavemaker Diagram								
	· ·							
	Р	ı	D		Р	I I	D	
Load	1	'		Position	1	ı	D	
			Out	outo.				
			Outp			T		
Load	N/V	Channel	Position	mm/V	Channel	Trigger	Channel	
Load								
Strain Gauge								



Cameras								
8244		8243		4622		4623		
FPS		FPS		FPS		FPS		
Resolution		Resolution		Resolution		Resolution		
Exposure		Exposure		Exposure		Exposure		
EDR		EDR		EDR		EDR		
Post Trigg		Post Trigg		Post Trigg		Post Trigg		
Timing	Intern/Extern	Timing	Intern/Extern	Timing	Intern/Extern	Timing	Intern/Extern	
Lens		Lens		Lens		Lens		
Target		Target		Target		Target		
Extender		Extender		Extender		Extender		
Focus		Focus		Focus		Focus		
f-Stop		f-Stop		f-Stop		f-Stop		
Focal Lngth		Focal Ingth		Focal Ingth		Focal Ingth		

Notes - Max Load: Fracture: YES NO

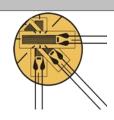
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Cnooimon	ID	Side	Date
Specimen			

DROP TOWER

Digitizing Points										
File Name										
Head	Head Cup	Neck/ Trochanter	Trochanter Cup	Shaft	Pivot	Impactor Axis	Grnd	Strain Gauge		

Strain Gauge



DAQ Settings								
Ch 0	Ch 1	Ch 2	Ch 3	Ch 4	Ch 5	Ch 6	Ch7	
1000 (A,D)	1000 (A,D)	500 (A,C)	250 (B,C)	250 (B,C)	200 (A,B)	250 (B,C)	1 (D,A)	
10 kHz (-3dB)								
Fx-6x	Fy-6x	Fz-6x	Mx-6x	My-6x	Mz-6x	Fz-1x	Trigger	

	Physical Parameters
Target Eng	Target Velo
Drop Mass	Height

	Cameras								
8244		8243		4622		4623			
FPS		FPS		FPS		FPS			
Resolution		Resolution		Resolution		Resolution			
Exposure		Exposure		Exposure		Exposure			
EDR		EDR		EDR		EDR			
Post Trigg		Post Trigg		Post Trigg		Post Trigg			
Timing	Intern/Extern	Timing	Intern/Extern	Timing	Intern/Extern	Timing	Intern/Extern		
Lens		Lens		Lens		Lens			
Target		Target		Target		Target			
Extender		Extender		Extender		Extender			
Focus		Focus		Focus		Focus			
f-Stop		f-Stop		f-Stop		f-Stop			
Focal Lngth		Focal Ingth		Focal Ingth		Focal Ingth			

Notes - Max Load: Fracture: YES NO

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Check Lists

<u>INSTRON</u>

DROP TOWER

Runup Runup

Limits Mass Attached

Position Zeroed Lighting

Max Load Set Camera Views

Lighting Camera Triggers

Camera Views DAQ File Name

Camera Triggers DAQ Working

DAQ File Name

DAQ Working Pin

Lights ON

<u>Pin</u> Camera Pre-Trigger

Lights ON DAQ ON

Cameras Pre-Trigger DAQ START

DAQ ON Area Secure

DAQ START Test

Test

Post

<u>Post</u> Lights OFF

Lights OFF DAQ STOP

DAQ STOP Video Data (V12 V12 V9 V9)

Video Data (V12 V12 V9) Specimen Secure

Specimen Secure Calibration Data (V12 V12 V9 V9)

Calibration Data (V12 V12 V9)

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