Enclosure 1 in 1 of No. 4.

RESULT of TESTING AXLES with a TON WEIGHT falling on them.

			10 170071	OF TESTING CALLES WILL	3	no guinar tarata n	ng on mom.	
Numbers of Axles Tested.	9. Brand on Axle.		Dis	3. Distance between Supports.	4. Height of Fall.	Number of Fall.	6. Deflection.	Character of Fracture.
A. 1	Staffordshire Wheel and Axle Company	:		:	:	:	Broke in ship's hold	Coarsely crystalline, with flaw,
B. 2	3	:	( 4 fee	4 feet 3 inches	1 foot		inch	
		:	*				is inch	
		: :	· :	: :	1 foot 10 inches	ard #	inch, total	
	£ . 2	:					13 inch, total	
	r.	:	ء ر	" axie reversed, 180	.80"   1 foot 10 inches	9 - 6th	Broke	Coarsely crystalline, white
က ပံ		:	5 feet	::	I foot 4 inches		g inch	
	2 2 2	: :	; ; ~~	: :	: :	2nd	1 inch, total	Mooneout oursekalling
ŕ				•			SWOTO	Coarsely Clystaline, White,
15.4		:	∫ 5 feet		1 foot 4 inches		g inch	
		: :	ء ء ؎	: :	: :	3rd 3rd	ië men, total Broke	Coarsely crystalline. white.
E.			( 5 feet		1 foot 5 inches	ţa.	l inch	
		:	*	<b>:</b> :			Broke	Crystalline, white (coarse).
F. 1	Midland Iron Company	:	4 fee	4 feet 3 inches	1 foot 10 inches	s	Broke	Coarsely crystalline, white.
.G. 2	:		5 foot	-4	1 500+			
	R F	: ;	) 	:	1 100t 4 inches	1SI 9mg	15 1nch	
		: :		: :	: :	3rd	14 inch. total	
		:		axle reversed, 180°		lst	Returned to 13 inch	
		: :	<u>.</u>	same position	£	2nd	Returned to a inch	
		:			3 feet		16 inch below straight	
		;	ء ب		4 feet	5th	Broke	Fibrous, with smaller crystals, grey and white mixed
Н. 3		:	( 5 feet	. +2	1 foot 5 inches		1 inch	•
		:		:			15 inch, total	•
		:	* -~-	orla represent 180°		3rd	14 inch, total	
		: <b>:</b>		same position	; ;	2nd	Returned to # inch	
	£	:	ء ر.	, <sup>*</sup>	2 feet	3rd	Broke	Fibrous, with smaller crystals, grey and white mixed
1. 1	Lancaster Wagon Company	:	5 feet	÷.	1 foot 4 inches	]st	າ ຳກວນ	flaw.
		:		:			7 inch, total	
		:	*	orla turnad 180°	<b></b>	3rd	14 inch, total	
	e e	: <b>:</b>		same position	: :	2nd	Returned to inch	
		:		£			is inch below straight	
	F :	:		<b>*</b>	2 feet	4th	18 inch below straight	
	r r	: :	* :			otn 6th	24 inches below straight	•
		:		<b>:</b>	5 feet	7th	48 inches below straight	
		:		axle turned, 180		1st	Returned to 3.3 inches	
		:	٠ -	same posicion	jaar c	, znd	Broke	Fibrous, with small crystals, grey and white mixed.