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MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2836	Press
B.P. No.		Mis.
Dated	24 - 10 - 195	1876

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
24th October 1876. No. 2,836.*

No. 359. Read the following letter from Colonel H. DRUMMOND, R.E., Deputy Secretary to the Government of India, Public Works Department, (Railway,) to Major-General G. W. WALKER, R.E., Secretary to the Government of Madras, Public Works Department, (Railway,) dated Simla, 10th October 1876, No. 2,728 R. :—

I AM directed to request that, with the permission of His Grace the Governor in Council, the Railway Companies in Madras may be asked to test practically the capacities of their wagon stock for carrying the various staples enumerated in the accompanying list, which was prepared for the purpose by Mr. Cecil Stephenson, late Agent of the East Indian Railway, and to have the results ready for submission at the ensuing Railway Conference in Calcutta.

2. Any other staples, which it may be considered desirable to include in the list, should be added.

Table showing the relation of Tonnage to space in the carriage of certain commodities.

Weight which could be put in smaller Wagon if strong enough.	Cubic feet to the ton of cwt. 20.	Cubic space occupied in a wagon limited to 6 tons weight.	WASTE SPACE IN EACH WAGON.		SPACE REQUIRED TO COMPLETE FULL LOAD OF 6 TONS IN WAGON.	
			Measuring 644 cubic feet.	Measuring 720 cubic feet.	Measuring 644 cubic feet.	Measuring 720 cubic feet.
TONS.						
215	Lead	3	18	626	702	
161	Copper and brass	4	24	620	696	
143	Spelter	4½	27	617	693	
135	Wrought iron	4½	28	616	692	
129	Cast iron and zinc	5	30	614	690	
49	Granite	13	30	566	642	
26	Sand	25	78	494	570	
24	Slates	27	150	482	558	
21	Bricks	30	162	464	540	
19	Saltpetre	34	180	440	516	
18	Sal wood	35	204	434	510	
15	Rye and sugar	41	210	398	474	
15	Borax	42	246	392	468	
15	Salt	43	252	386	462	
14½	Rice, peas, dholl, beans	44	258	380	456	
14	Decodar	45	264	374	450	
14	Wheat and tallow	46	270	368	444	
14	Gram	47	276	362	438	
13½	Beer or wine in bottle, and coals.	48	282	354	432	
13	Flour	50	288	344	420	
12½	Teak	51	300	338	414	
12	Oats and mustard seed	53	306	324	402	
12	Spirits in wood and linseed	54	318	320	396	
11½	Barley	55	324	314	390	
11	Coffee and paddy	56	330	308	384	
11	Safflower	58	336	296	372	
9	Turmeric	71	426	218	294	
8½	Til seed	73	438	206	282	
8½	Cotton, full screwed	75	450	194	270	
8½	Shell-lac and lac-dye	77	462	182	258	
8	Pepper	81	486	158	234	
7½	Ginger and hides	84	504	140	216	
7	Jute and cotton, screwed to 24 lbs.	93	558	86	162	
6½	Bran	98	588	56	132	
6	Indigo in chests	107	642	2	78	
6½	Leather and charcoal	112	672			
6½	Corander seed and tea	119	714			
6	Shell-lac	127	762			
4½	Firewood	140	840			
4½	Sheep skins in bales	149	854			
3½	Cork	194	1,164			
3	Chillies (dried)	213	1,278			

(Signed) **CECIL STEPHENSON,**
Deputy Agent.

*Proceedings of the Madras Government, Public Works Department,
24th October 1876. No. 2,836.*

No. 360.

ORDER THIRTEEN, 24th October 1876, No. 2,836.

RAILWAY, No. 27.

Communicated to the Consulting
Engineer, who will request the Railway
Authorities to carry out the required tests
in time for the approaching Conference.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the Consulting Engineer for Railways

Ed. E. C. Shunkar.
Spare Copies

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N^o 359/60

Requesting that the R.
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M.W.

C.C. for Exp. & Disp^d - 27-10th 76

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Gobt. of 1876 Madrid.
PUBLIC WORKS.

To the Hon^{ble} Secy^{ry} for Aff^{rs}

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G. O. 24th Feb^r 1876

Nos.

Excmo^{re} Caracitas de la
- de la Real Academia
Letra from the Lib^rary
Academia de la Leng^{ua}
- de la Leng^{ua}
Comunicacion de la Leng^{ua}
de la Leng^{ua}

Excmo^{re} Secy^{ry}
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