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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.	13.	Press
B.P. No.		Mis.
Dated	3-3-1874	196 . .

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
19th February 1874.*

No. 360. Read the following Circular from Major C. H. LUARD, R.E.,
Officiating Under Secretary to the Government of India, Public Works
Department, (Guaranteed Railways,) to the Governments of Madras and
Bombay, in the Public Works Department, (Railway); the Chief Commis-
sioner of the Central Provinces; the Resident at Hyderabad; the Consulting
Engineers to the Government of India for Guaranteed Railways, Lahore
and Lucknow; the Chief Engineer, Punjab Northern State Railway; the
Officiating Engineer in Chief, Indus Valley State Railway, the Superin-
tending Engineers, Agra and Delhi Districts of the Rajpootana State
Railway, Holkar, Neemuch, Northern Bengal, West Rajpootana and
Sindia State Railways, dated Fort William, 17th January 1874, No. 1:—

I am directed to forward for informa-
tion copy of papers* relating to certain
experiments made with Raneegunge and
Kurhurballee coals in view of determin-
ing their comparative value.

From D. W. CAMPBELL, Esq., Locomotive Superintendent, to the Chief Engineer and Member
of Agency, East Indian Railway Company, dated 3rd December 1873, No. 1,836 A.

Your No. 620 of the 1st September last.

I beg to forward herewith a statement on the trial of Kurhurballee and Raneegunge coal.
You will observe that the load of trains worked by Raneegunge coal is slightly in excess of
the others, which will increase its relative value to a very slight degree, but if the experiment
had been continued I am of opinion that the result would have been still more favourable to the
Kurhurballee fuel, as the driver who ran the trips had not been used to that coal, and has
lessened his consumption each successive trip.

The comparative value of the two classes of coal arrived at from the average of the several
trips, as per statement, shows that Kurhurballee coal is superior to Raneegunge by 21.75 per
cent.

EAST INDIAN RAILWAY.

LOCOMOTIVE DEPARTMENT.

Trial of Kurhurballee coal.

Proceedings of the Madras Government, Public Works Department,
19th February 1874.

A.	B.	C.	D.	E.	F.	COAL CONSUMED.				K.	L.	M.	N.	O.	P.	State of Weather.	
						G.	H.	I.	J.								
																	For journey.
Weight of load.																	
				Tons.	cwt.	qts.	lbs.	lbs.		lbs.	lbs.	lbs.	Gal.	lbs.	lbs.		
7th	490	30	96.5	411	4	0	0	3,506	560	4,156	43.06	632	15.26	100	2,915	29,158	Fine.
14th	490	31	96.5	402	10	0	0	3,332	560	3,892	40.38	487	12.51	109	2,704	27,041	Do. S. S. E. wind.
21st	490	30	96.5	408	9	3	0	3,096	560	3,656	37.88	550	15.01	100	2,816	28,467	Do. with light wind.

Trial of Raneeunge coal.

10th	490	33	96.5	411	7	8	0	216	1	2	0	4,494	560	5,034	52.87	1,035	21.46	100	3,129	31,291	6.86	Very fine, with light wind.
17th	490	31	96.5	408	13	2	0	221	15	1	0	4,855	560	4,945	51.24	1,039	21.41	100	2,862	28,636	6.52	Do.
24th	490	31	96.5	408	10	6	0	225	8	1	0	4,396	560	4,956	51.35	1,051	21.27	100	2,903	29,082	6.61	Do.

Average of trials.

Kurhurballee coal ...	30.33	96.5	407	7	8	18.66	224	14	0	9.33	3,341.33	560	3,901.33	40.42	538.33	14.27	100	2,821.68	28,222	8.49
Raneeunge	31.66	96.5	409	10	1	9.23	221	1	1	9.33	4,425	560	4,985	51.65	1,059.33	21.24	100	2,935.33	29,566.33	6.69

(Signed) D. W. CAMPBELL,
Locomotive Superintendent.

LOCOMOTIVE SUPERINTENDENT'S OFFICE,

Jumalpoor,

22nd November 1873.

Proceedings of the Madras Government, Public Works Department,
19th February 1874.

No. 361. ORDER THEREON, 19th February 1874, No. 406.

RAILWAY, No. 63.

COMMUNICATED to the Consulting
Engineer for Railways for information
and communication to the Railway
Agents.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

To the Consulting Engineer for Railways.
" District Engineer, Godavery.
" Public Department.

Order in the Public Dept. 2nd March 1874 No. 225

Communicated to the Board of Revenue
through the Revenue Department.
True Extract.

H. H. H. H.
Chief Secretary.

Do. the Revenue Department.

Exd. S. T. Austin.

Spare Copies

Exd. S. T.

8 March 1874

Govt. of 1187-13 Madras.

PUBLIC WORKS.

To

THE CONSULTING ENGINEER

FOR RAILWAYS.

Ac. Ac.

Dated February 1st.

Recd.

Encl.

G. O. 1st Feb. 1871, No. 406.

FEBRUARY.

Nos. 800-801

Cont. — Circular from the Government of India forwarding copy of papers relating to certain experiments made with Ranee-gunge and Kutharballoo coals in view of determining their comparative value, communicated to the Consulting Engineer for Railways.

Revenue 1874 Sept
No. 697.
Pres. Pub. Dept.

Dated 2^d 3 March 74
Recd 2^d 3 March 74
No. 225

Communicating I. O.
P. W. D. 19: Feby 74 No. 406
relative to certain experiments
made with Ranongmye and
Kushurhallee coals in view
of determining their comparative
value

No. 13
Communicated
to the Board of Revenue
3^d March 74

W. H. Garrison Dec. 4. 3. 74