



HOYLAND STEAM COALS.

ON THE GOVERNMENT LIST FOR SUPPLYING THE STEAM NAVY.

EXTRACT FROM THE REPORT ON COALS SUITED TO THE STEAM NAVY,

BY SIR HENRY DE LA BECHE, C.B., F.R.S., AND DR. LYON PLAYFAIR, F.R.S.

PRESENTED TO BOTH HOUSES OF PARLIAMENT.

The following is the Result of Experiments made by Sir Henry De la Beche and Dr. Lyon Playfair with the "Hoyland Steam Coals," from the Hoyland and Elsecar Colliery, near Barnsley, Yorkshire, belonging to Mr. John Woodhouse Day:—

Evaporative Power, or number of Pounds of Water evaporated from 212° by 1 lb. of Coal.....	8·07
Weight of 1 Cubic Foot of the Coal as used for Fuel	48·2
Space occupied by 1 Ton, in Cubic Feet	46·47
Results of Experiments in Cohesive Power of Coals, (per centage of large Coal).....	82·5
Evaporative Power of Coals, after deducting for the combustible matter in the residue	8·43
Per centage of residue in the Coals, mean.....	7·90
Pounds of Clinker, per Ton of Coal	1·7
Per centage amount of Coke	62·5

Specific Gravity of the Coal..... 1·317.

Composition, Carbon.....	80·05
Hydrogen	4·93
Nitrogen	1·24
Sulphur.....	1·06
Oxygen.....	8·99
Ash	3·73

100·000

*Hoyland and Elsecar Colliery,
Barnsley.*



HOYLAND AND ELSECAR COAL

Copy of a Letter from The Hon. R. DUNDAS, Storekeeper-General, Admiralty, to Mr. J. W. DAY, Proprietor of the Hoyland and Elsecar Colliery.

ADMIRALTY,

26th July, 1852.

*Approved
J. W. Day
12 July 1852*

Sir,

Adverting to your Letter of the 31st Instant, I acquaint you that your Hoyland Coals have been added to the List of Coals supplied under the Naval Contracts.

I am, Sir,

Your humble Servant,

R. DUNDAS,

STOREKEEPER-GENERAL

Mr. DAY,

Hoyland and Elsecar Colliery,

Barnsley.

DM1306/11/21/5/2