

## Source 2

## Task

2a How many explosions had taken place during this period?

**2b** Does the inspector appear to be pleased with this number of explosions?

**2c** Who does the inspector believe was to blame for the explosion at Washington? Was it the miners or the management? How did he reach his decision?

**2d** Draw a diagram to show how the ventilation of the mines would have worked? Was this a safe method of ventilating mines?

## Source 2

This is part of a report made by the mines inspector for the north of England in 1851. This inspector also complied the list of accidents in source1. (PRO ref: 87/53)



## I English portion of my destrict

It will be seen by reference to the list of deaths that only two explosions of any moment have or - curred, vig. at Washington in the Country of Dies. ham, and at Hillingworth 6; of Northumberland. In both Cases I have recommended and pointed But the adoption of ordinary measures , such as in -Oreased furnace power, and enlarged air Courses, Whereby a great acception could be made to the ven-- tilation; for in both Cases, the accumulation of goes in the parts of the mine which exploded, might be at bubuted to the want of an ample current of der; netwithstanding which at Washington, the people were permitted to Continue working with Gundles until the explosion look place; althe some individual bottiers ( acting upon their own sense of danger ) left the fit and saved themselves therefore it is impossible to dony that great mesmanagement allended this Case , -



Af Hillingworth the want of a sufficient quantity of dentilation, had produced some unimportant fixes which induced the managers to remove the boundles and cause the waterigs to be carried on interely with stafety Lamps; but some informality having taken place regarding the introduction of naked lights contrary to orders, produced the capter soon . \_\_\_\_\_

Now in both these cases it was quite twitten the Compals of ordinary practice to double the amount of bonblation, whilst amount wents might also be made tooth
regard to the arrangement and subdivision of the
are Columns; Cach of these Collieries had separate
decreast and openest those, and each of the openest
Shafts was furnished but live furnaces; whilst a
remarkable coincidence existed between them, with respect to the amount of the bentileting Current which
was nearly 30,000 but feet promute.