

The Moroko lignite is distinctly laminated, and has a somewhat earthy appearance. It contains laminae or irregular fragments of charred, pulverulent material, which is believed to represent decomposed vegetation transported before deposition. No attempt has been made to determine the lateral extension of the seams or the thickness and contents of the lignite series below the beds which have been enumerated.

An analysis in the Scientific and Technical Department of the Imperial Institute gave the following results:

Volatile matter.....	36.56%
Fixed carbon.....	42.83
Water.....	9.44
Ash.....	11.17
Calorific value, small calories.....	5,857
Evaporative power.....	10.93%

On destructive distillation the gas obtained represented a production of 7,800 cubic feet (at 15°C. and 760 mm. pressure) per ton of lignite, with the following volumetric composition:

