

The Satterlund Mine Near Washburn.—This mine, situated six miles northwest of Washburn, has for a number of years . supplied a considerable portion of the fuel used in that town. The lignite obtained from it is esteemed very highly on account of its excellent quality. It is situated on a coulee which leads to the Missouri river, the lignite occurring well down on the slope.. Directly over the coal is twenty feet of sand, locally hardened- to sandstone. The seam is ten feet thick, the lower eight feet excellent in quality, while the upper portion is soft and left for roof. The coal is obtained by drifting into the side of the coulee, the entry at present extending back 200 feet. While there is some water in the mine, the amount is not sufficient to lessen the value of the property from a mining standpoint. Analysis.

of this lignite shows :

	PER CENT	
Volatile matter	37.50	
Fixed carbon	55.89	
Ash	6.61	
Moisture	30.91	100.00

During the present winter the mine is being operated in a small way on a royalty.