

*Smith Jones Mine, Township 161, Range 88, Section 29.—*

This mine is located five miles above Kenmare on the east side of the lake. The operators have arranged, by the use of a stationary engine, to hoist their lignite on an incline from the mine at the foot of the hill to the level surface above, for the convenience of their customers. The neat little plant, costing about \$2,500, promises to have a very considerable business during the winter. Four men are employed at present, and more help will be hired in the fall. The output during the summer of 1902 was five tons a day.

The main entry has now been carried back 300 feet under the hill. The seam of lignite here measures four feet six inches, with clay above and sandy clay below. The trade is mostly local, as the mine has no connection with the railroad as yet.

The following is an analysis of a direct sample from this mine:.

PER CENT	
Volatile matter .....	35.43
Fixed carbon .....	51.16
Ash .....	13.41
Total .....	100.00

Other analyses which represent the mine more fully are given in the chapter on "Fuel Values of the Lignites."

One outcrop, from which some lignite is removed during the winter only, was reported above this point on the lake. Other mines will doubtless be put in operation further up the lake as the local demand for fuel increases.