
PICTOU ORE BED.

Lease No. 29 is a mine from ten to twenty feet in thickness of hematite ore, situated on the East River, in the neighbourhood of the Pictou coal field; Dr. T. E. Thorp, of Glasgow, gives an analysis, per. of iron, 96.63; pro. of iron, 0.98; sul., of iron, 0.06; phos., none; silica and insoluble matter, 3.20; metallic iron, 68.33.

GREAT RED HEMATITE BED OF MCLELLAN'S MOUNTAIN.

This bed of ore has been traced across "Right of Work," No. 8, Pictou County, varying in width from fifteen to thirty feet, angle of depth from 25° to 75°. Dr. Stevenson McAdam, of Edinburgh, analysis the ore as ox. of iron, 75.67; ox. of manganese, 0.52; alumina, 0.45; car. of lime, 2.44; car. of magnesia, 0.98; phos. acid, 0.22; sulphur, 0.29; titanio acid, trace silica, 19.43; metallic iron, 54.36.

LEASE 28.

In Pictou county a bed of red hematite, yielding 43 per cent., situated between McLellan's Mountain and East River.

THE FRASER SADDLER AREA.

Lease 26, Pictou County; a lode from six to twenty-two feet in thickness of limonite, is traced from the north branch of east branch, East River, to a point seven miles higher up. The Geological Department analysis gives, per. of iron, 85.01; pro. of manganese, 0.38; alumina, 0.69; lime, 0.49; magnesia, 0.19; pho.-acid, trace sul. acid, 0.55; water, 11.13; insoluble matter, 2.14; metallic iron, 59.50.

THE CULLEN AREA.

Lease No. 105, Pictou County, on the banks of a stream running into East River, is exposed a lode of limonite, varying in width up to three feet. The geological department give analysis, per of iron, 76.93; pro. of iron, 4.97; pro. of manganese, 0.68; alumina, 1.019; lime, 0.313; magnesia, 0.052; silica, 5.63; pho.-acid, 0.98; sul. acid, 0.11; water, 9.46; organic matter, 0.18; metallic iron, 57.71.

SUTHERLAND RIVER.

An irregular bed of sparry iron ore has been traced for several hundred yards; the thickness of bed, about ten feet. The Geological Department analysis gives, sesq. of iron, 16.98; car. of iron, 65.61; car. of manganese, 7.98; car of lime, 2.67; car of magnesia, 3.23; silica, 3.76; sulphur ; phosphorus, 0.013; water, 0.76; metallic iron, 43.56.
