

Creek, from which it is conducted in a flume 4 feet by 4 feet 6 inches in size and 700 yards long. The flume conducts the water into the smelter bench, from which it is led to a power-house in the river bottom by iron pipes, giving a head of about 175 feet. The power-house is to be fitted with water wheels, from which power is to be transmitted to the smelter by 3 rope drives, but all of this work is as yet uncompleted.

WATER SUPPLY.—A water supply for use about the smelter is provided from Mark Creek, the water being conveyed from about half a mile up the creek by an 8-inch pipe-line.

working one property and the Perry Creek Hydraulic Mining Company another.

In the early days the gold was obtained principally below the Perry Creek Falls, and near the bottom of the canyon which cuts through a bluff of rock. The old channel of the stream apparently passed on one side of this, for on the right bank of the creek there is an old gravel channel on which, from the level of the creek below the Falls, a tunnel was many years ago driven between 1,000 and 2,000 feet. Later prospecting revealed two or three paystreaks in the bank overlying the tunnel. These do not appear to



East Kootenay Placer Mining Co's Steam Shovel, Perry Creek.

PLACER MINING ON PERRY CREEK, EAST KOOTENAY.

Reports of renewed activity in placer mining and the installation of two large plants on Perry Creek (in the Fort Steele Mining Division, East Kootenay), which in the early '60s attracted much attention and yielded a lot of placer gold, induced the Provincial Mineralogist to visit that locality last summer. From his account of his visit, which has only just been published, it is learned that the East Kootenay Placer Mining Company, of Fernie, is

be rich enough for drifting on, but, seemingly, it would be worth while to hydraulic the whole bank, for which purpose the Perry Creek Hydraulic Mining Company has been organized. This company has secured water rights on Perry Creek, taking water from the stream about four miles above the Falls, and has under construction a wooden flume, four feet wide by three feet high, of 1¼-inch lumber. The construction of the flume was in progress when the property was visited, with every probability of completion during 1903. The flume leads along the right or south hill-side, attaining a height above the creek of about