

the finer material will be elevated and washed in the tail-race in the usual manner. Water is brought in fourteen miles from the Little Kyeburn Creek. The race carries twelve heads of water. 3,000 ft. of piping are in use, sizes ranging from 13 in. to 7 in. diameter. 400 ft. head of pressure is obtainable. The plant is at present at work ground-slucing on the face of Brown's Terrace. Four men employed.

Philip Beer and Party, Upper Kyeburn.—(14/6/1901): Claim situated in Red Gully. Water-race, five miles, carrying four heads, is brought in from Timber Creek; also race, four miles in length, brings four heads of water in from Main Creek. The men are at present erecting an elevating plant. Three men.

William Bertram, Rip and Tear Terrace, Upper Kyeburn.—(14/6/1901): Ground-slucing. Five heads of water brought in from Main Gully. Two men.

William McLelland, Rip and Tear Terrace, Upper Kyeburn.—(14/6/1901): Ground-slucing. Water brought in from Main Gully. Three men.

Stewart and Sons, Upper Kyeburn.—(14/6/1901): Ground-slucing. Water brought in from high level and German Creek. Four men.

Gee Wee and Party, German Creek, Upper Kyeburn.—(14/6/1901): Ground-slucing. Two men.

Sun Tye and Party, Upper Kyeburn.—(14/6/1901): No. 1 Claim: Ground-slucing at Dinah's Creek. No. 2 Claim: Ground-slucing, Monk's Terrace. Four men.

Mount Buster Gold-mining Company, Mount Buster, Naseby (R. Lawer, manager).—(14/6/1901): The claim is at an altitude of 4,000 ft. above sea-level. The water-rights of the Mount Kyeburn north race six miles, south race five miles, Mount Domett race six miles, and Mount Buster race six miles have been amalgamated, and are all held by the company. There are between 5,000 ft. and 6,000 ft. of 11 in. pipes in use as siphons and fluming in the several races. On the claim, 600 ft. of 9 in. pressure-pipes, constructed of galvanised iron, have been in use twenty-seven years, and are still in good order. In the claim the face averages about 90 ft. in depth. The overburden of 80 ft. of white quartz gravel carrying no gold is run down the side tail-race; the wash runs from 7 ft. to 10 ft. in depth, and rests on a soft false bottom about 2 ft. in thickness, which lies on the upturned edges of decomposed schist. Frost sets in usually about the month of May, and work is generally resumed in the month of September in each year. Six men employed.

The "Maori bottom," or main false bottom, of the Naseby goldfield has been proved to contain a payable layer of auriferous wash on the banks of Main Gully.

Several small claims in the vicinity of the rifle range, Main Gully, are now being opened up, with encouraging results.

IDABURN.

Wheeler and Party's Sluicing Claim, Idaburn.—(12/6/1901): Ground-slucing and elevating. Two men at work.

BLACKSTONE HILL.

Robert Johnstone, Blackstone Hill.—(12/6/1901): Ground-slucing. One head of water is brought in from the Government water-race. The face consists of 20 ft. of clay overlying 8 ft. of auriferous-quartz drift. Three men at work.

C. Rose, Blackstone Hill.—(12/6/1901): Ground-slucing at Pennyweight Flat. Water-supply obtained from Government water-race.

Blackstone Hill.—(12/6/1901): McLennan and mate are working on Sam the German's Flat, Blackstone Hill. Ground-slucing, with payable results.

ST. BATHAN'S.

Shamrock Gold-mining Company, Hawkdun Station, St. Bathans (J. Mooney, manager).—(11/6/1901): Two claims are being worked. Area, 15 acres. Twelve heads of water are brought in twelve miles from the Manuherikia River; eight heads are used in the elevating claim, and four heads for ground-slucing in No. 2 claim. A pressure of 200 ft. vertical is obtained, and the elevator is lifting 12 ft. Ten men employed.

Garty and Gallagher's Claim, Surface Hill, St. Bathans.—(11/6/1901): Area of claim, 6 acres. Two heads of water are purchased from the Scandinavian Company and stored. The claim is worked eight hours daily, six heads of water being available. The ground is becoming too deep for the pressure and quantity of water obtainable.

Scandinavian Gold-mining Company.—(11/6/1901): This company owns three water-rights: (1.) Scandinavian Race: Twenty-five miles from the Manuherikia River, with the right to twenty-five heads. An elevator lifting 83 ft. is supplied from this race, the pressure available being 400 ft. vertical. The pressure-pipes are reduced from 22 in. to 9 in. diameter. (2.) Otago Race: Forty-five miles long from the Manuherikia River. Eighteen heads of water; pressure, 170 ft.; pressure-pipes, 16 in. to 9 in., supplying an elevator which lifts 44 ft. (3.) Muddy Creek Race: Sixteen miles long; carries fourteen heads of water, which is used as flushing-water for the Muddy Terrace Channel. The face is composed of fine quartz drift, about 150 ft. of which overlies 20 ft. of gold-bearing wash. The upper layers of the drift are ground-sluced. No. 2 elevator elevates about 80 ft. of overburden, carrying a little gold, and is used to strip the ground ahead of No. 1 elevator. The boxes are 25 ft. in length, fitted with perforated plates and matting. 200 oz. have already been washed up, and 600 oz. additional are expected at the end of the season. Twelve men are employed.

St. Bathans's Claim.—(11/6/1901): Ground-slucing old worked ground. Five heads of water are used ten hours daily. The water is being supplied from the claim at Surface Hill. 6 acres have been cleaned up, and 380 oz. of gold obtained, and 200 oz. are expected next washing. Six men are employed.