

*Eureka Syndicate* (E. Anderson, Manager).—This syndicate intends to complete the water-race commenced by the Moonlight Extended Gold-mining Co. Four men were employed.

*Ben Lomond Gold-mining Co.*—Only a little prospecting-work has been carried out during the year by J. Seffer. The gold won amounted to 7 dwt. 4 gr., valued at £2 10s. 2d.

*Oxenbridge-Shotover Gold, Ltd.*—All work done on this area has been carried out by the tributers, Messrs. Weddell and Drysdale. Four men were employed working the bed of the Moke Creek when river conditions were suitable. The gold won amounted to 53 oz. 11 dwt. 5 gr., valued at £381 1s.

*The Wheeler Prospecting Party.*—Driving and sluicing operations were continued on both banks of the Shotover River near the entrance to the gorge above Arthur's Point.

*Arthur's Point Sluicing Co.* (F. Soper, Manager).—Active sluicing operations were carried on during the first nine months of the year. Elevating operations were also carried on at the down-river end of the claim. Active mining operations were discontinued during the latter part of the year, and the area is now being worked on tribute by J. McMullan. There were eight men employed, and the amount of gold won was 318 oz. 8 dwt., valued at £2,280 13s. 8d.

*The Upper Shotover Gold-mining and Hydraulic Sluicing Co.*—This company is now in liquidation.

*Sandhills Gold-mining Co.* (A. E. Smith, Manager).—Active mining operations have been carried out in the bed of the Shotover River, rendered workable by the construction of the artificial cut and dam. There were four men employed and the gold won amounted to 196 oz. 12 dwt. 13 gr., valued at £1,402 10s. 8d.

*Mountain Terrace Sluicing Co., Skippers Creek* (R. McDonald, Manager).—Active mining and prospecting operations were carried out during the working-seasons of the year. Results did not come up to expectations. Three men have been employed, and the gold won amounted to 69 oz. 3 dwt. 15 gr., valued at £473 15s. 7d.

*Skippers Ltd., Maori Point and Skippers* (R. D. Climie, Manager).—Up to the month of August the river was low, and, as a result, water was in short supply and active mining operations were very intermittent, only about two months actual sluicing-time being obtained. Since early August, when the weather broke, the river has maintained a high level, and has not gauged less than 2,000 heads, three times the normal flow, and very often it has reached the 15,000 heads' mark. Although there has been a fair supply of race water, the river conditions have been such that little paddock work has been possible, and only one washup has been made. This produced 62 oz. The past year has shown that the proposal to instal a hydro-electric scheme, to provide some 300 h.p. for pumping and other work in the paddocks, is the only practical method of working this river-bed to advantage, as work must be carried on for the full twenty-four hours a day if any results are to be shown. It is expected that the hydro scheme will be in use before the end of June. The water for this power is being taken from Skippers Creek, and carried, by a mile and a quarter of 24 in. pipe-line, to a power-house site situated about a quarter mile above the suspension bridge on the Shotover River. Last year a concrete arch dam was built to act as an intake to the pipe-line. Skippers Creek was then running about 14 heads, but, during the whole period since August this stream has not run less than 50 heads, and more often 100 heads has been the weekly average. Had such conditions prevailed last year it would have been impossible to have built the dam. The completion of this hydro-electric installation has been hindered by the very wet and unseasonable weather experienced since August, 1936. There were twenty men employed, and the gold won amounted to 441 oz. 10 dwt. 9 gr., valued at £3,446 9s. 5d.

*Skippers Sluicing Co., Skippers* (E. Sainsbury, Manager).—Sluicing operations were continued during the year whenever weather conditions were suitable. The gold won amounted to 46 oz. 17 dwt. 6 gr., valued at £329 9s. 8d.

*Central Shotover G.M. Co., Deep Creek, Shotover River.*—The Central Shotover Crevices Syndicate (J. Stevens, Manager), worked the claim on tribute until August. There were eight men employed, and the gold won amounted to 640 oz. 13 dwt. 8 gr., valued at £4,506 13s. 4d. On the completion of the tribute the claim was taken over by the company (G. Vernon, Manager), and five men were employed. Sluicing and elevating, by means of a Stevens high-pressure elevator, was continued in the bed of the Shotover River, but river conditions were unfavourable during the latter part of the year. The gold won by the company amounted to 50 oz. 17 dwt. 12 gr., valued at £357 17s. 1d.

*Crystal Mine, head of Sawyers Gully, Skippers* (J. Tripp, Manager).—Active mining and development work has been carried on during the working-season of the year. Stopping above the No. 1 or top level is in progress, and a winze has been sunk below the top level in a good ore body for a distance of 28 ft. The four-head battery has been put into commission, and, in order to provide economical driving-power, a dam has been constructed farther up the creek. A pipe-line 1,000 ft. in length has been installed providing a pressure of 150 ft. for the pelton wheel. The output from the mine was 610 tons, yielding, by treatment at the battery, a return of 359 oz. 7 dwt. 20 gr. of gold, valued at £2,641 13s. 6d. There were six men employed in the mine and battery.

*Short and Party.*—A party of four miners installed a sluicing and elevating plant in the Shotover River below the junction of the Ballarat Creek, using water from the Ballarat Creek.

*Ballarat Syndicate* (S. Pascoe, Manager).—This mine is situated near the head of the left-hand branch of the Sandhills Creek in a slipped area. Work was carried on during the early part of the year, and an attempt was made to locate the parent ore body by driving at a higher elevation. Two men were employed, and 15 tons of ore was treated, yielding 4 oz. 2 dwt. 6 gr. of gold, valued at £24 2s. 10d.

*Tipperary Mine, Macetown.*—No work has been done at this mine during the year.

*The Garibaldi, Maryborough, Homeward Bound, and Sunrise Mines.*—No work has been done at these mines during the year, the Macetown Development Co. having apparently failed to form a working company for the purpose of reopening this reefing-area.

*Anderson and Party, Scanlan's Gully, Macetown.*—Prospecting operations have been continued during the working-season of the year, but no deep-level development work has been undertaken.

*Beale and Son* continue to work the remaining portions of the old alluvial workings above the Macetown Township.

*Upper Arrow Sluicing Co.* (J. H. Lynch, Manager).—Two men were employed during the working-season, and the gold won amounted to 66 oz. 19 dwt. 14 gr., valued at £482 0s. 11d.

Prospecting, by means of shaft-sinking, was continued on the right bank of the Billy Creek, above its junction with the Arrow River, and driving operations proceeded on the left-hand side of the Arrow River, just below the junction, where a huge slip had covered the old river course, but nothing of importance has been located.

*Hamilton and Sons, Arrow River, Scoles Bend.*—Sluicing and elevating operations have been carried on above the bend by a tribute party known as Douglas and Hamilton. The river is narrow in this section, and working-conditions have been difficult since the weather broke in August. Water is obtained from the Public Works Department's Arrow irrigation pipe-line running alongside. The depth to bottom varies from 6 ft. to 36 ft., and six men have been employed working three shifts daily when river conditions were suitable.

*The Golden Arrow Gold-mining Co.* (J. Hansen, Manager).—The depth to bed rock varies up to a maximum of 36 ft., and the pressure water for working the claim is obtained from the Public Works Department's irrigation pipe-line running alongside the claim and giving a 24-hour service, essential for successful river working, thus enabling this company to extract the remaining gold content in the Arrow River. Seven men were employed daily in three shifts when river conditions were suitable, and the gold won amounted to 352 oz. 13 dwt. 16 gr., valued at £2,509 12s. 4d.

*The Junction Reward Gold-mining Co.* (R. Hart, Manager).—Seven men employed working three shifts daily in Bush Creek about half a mile upstream from the Arrow River. Pressure water is obtained from the Public Works Department's pipe-line. The auriferous values have not come up to expectations in this area, and operations were not resumed after the end of 1936. The gold won amounted to 133 oz. 3 dwt. 19 gr., valued at £976 16s. 2d.

Small parties of free and subsidized miners are working in the Arrow District.

*Cardrona Valley.*—Drilling operations are being carried out at Branch Creek.