

*Skippers Sluicing Company, Skippers* (E. Sainsbury, manager).—Work was carried on whenever weather conditions were suitable and water was available. The gold won amounted to 69 oz. 7 dwt. 12 gr., valued at £506 15s. 2d.

*Central Shotover Gold-mining Co., Ltd.* (J. Stevens, manager).—The hydraulic elevating plant installed during 1934 was buried by a flood in the river and the claim was then taken over on tribute by the Shotover Crevice Gold-mining Syndicate. Five men were employed by the Central Shotover Gold-mining Co., Ltd., winning 116 oz. 19 dwt. of gold, valued at £850 18s. 7d. The syndicate installed a Stevens high-pressure pump and good work has been accomplished. Six men were employed and the gold won amounted to 178 oz. 14 dwt. 10 gr., valued at £1,290 19s. 1d.

*Crystal Mine, Sawyers Gully, Skippers*.—J. Tripp, manager, and six men employed. Development work has been carried on in the No. 1 or top level where a nice body of ore has been opened up. The eight-head stamp battery is now nearing completion and will be put into commission during 1936. An oil engine has been installed to drive the present two-head battery when water-power is not available. The output for the year amounted to 300 tons, yielding 255 oz. 4 dwt. 19 gr. of gold, valued at £1,899 14s. 8d.

*The Ballarat Syndicate, Advance Peak, Skippers Creek Survey District* (S. Pascoe, manager).—Prospecting operations were continued on this area near the head of the left-hand branch of the Sandhills Creek on a reef formation outcropping in a slipped area. A considerable amount of driving and rising was done in an endeavour to locate the main ore body during the working season in the summer and autumn months of the year when the Mining Research Co. held an option. Four men were employed. In order to transport a small, mechanically-operated two-stamp battery, belt-driven by a 4 h.p. petrol engine, to this mine which is situated about 4,600 ft. above sea-level, the track from the Homeward Bound Mine had to be repaired to the Sunrise Mine and then a further  $1\frac{1}{4}$  miles had to be constructed. The battery was erected and put into operation during the springtime when two men only were employed as the option granted to the Mining Research Company had expired on the 30th April. The ore treated amounted to three tons, yielding 1 oz. 8 dwt. 14 gr. of gold (by amalgamation only) valued at £8 15s. 10d. Driving operations are being continued at a higher elevation, in an endeavour to locate the main ore body.

*Tipperary Mine, Macetown*.—The 2,000 ft. low-level was cleaned out and retimbered for a considerable distance when a heavy fall was encountered. Operations ceased when climatic conditions became too severe.

*The Garibaldi, Maryborough, Homeward Bound, and Sunrise Mines*.—Active prospecting operations were not resumed after the winter cessation of work as the prospecting and development work was carried out as far as possible by Macetown Development Company and it is now necessary to form a working company to reopen this previously-worked reefing area.

*Anderson and Party, Scanlans Gully*.—Trenching and crosscutting have been done on the upper horizons of the reefing system held by this party, but nothing of importance has been located. Low-level operations will be required to test the remainder of this previously-worked reefing system. Sluicing and driving operations are being continued in the old workings at Macetown.

*Upper Arrow Sluicing Company* (J. H. Lynch, manager).—The pipe-line and sluicing plant were installed and a paddock was taken out of the right-hand side of the bed of the Arrow River just below the Macetown Township. Operations were suspended owing to shortage of water caused by a dry-weather period. Two men were employed producing 24 oz. 6 dwt. 20 gr. of gold, valued at £164 14s. 2d.

*Soho Creek*.—Very little work has been done in this area during the year.

*Sims Prospecting Syndicate*.—Three men were employed during the early part of the year in shaft-sinking operations in the Soho Creek, but nothing of real importance was located and operations have been suspended. Shaft-sinking and driving operations have been continued above and below the junction of the Arrow River and the Billy Creek.

*Shamrock Alluvial Mine* (J. Smith, owner and manager).—Sluicing operations have now ceased and all the pipe-lines and plant have been removed. No further alluvial work will be carried on in this area.

*Hamilton and Sons, Scoles Bend, Arrow River* (A. B. Hamilton, manager).—Operations have been continued whenever weather conditions were suitable and water was available. The old bed of the river has been re-worked through the bend, unwatered many years ago by the driving of Scoles tunnel, and operations are now being carried on in the river below the mouth of the tunnel. Wing dams have to be installed in order to divert the river. Water for elevating and sluicing purposes is obtained from the Public Works Department's Arrow irrigation pipe-line. Seven men have been employed, working three shifts daily whenever conditions permitted.

*The Golden Arrow G.M. Company, Ltd.* (G. Hansen, manager).—Seven men have been employed on three shifts whenever conditions permitted. Work is being carried on in the bed of the Arrow River about three-quarters of a mile above the township, pressure water being obtained from the P.W.D. pipe-line. The river is diverted to one side by wing dams and the schist bottom is then exposed by elevating at a depth of from 25 ft. to 38 ft. By this method of working the whole of the remaining auriferous content is obtained, and the high-pressure pipe-line running alongside the claim has been a benefit to the final working of the Arrow River and its tributary, Bush Creek. The gold won amounted to 217 oz. 3 dwt. 21 gr., valued at £1,492 3s. 9d.

*The Junction Reward G.M. Company* (R. Hart, manager).—Seven men employed. A plant has been installed and sluicing and elevating operations are being carried on in the Bush Creek about half a mile above its junction with the Arrow River. Pressure water is obtained from the Public Works Department's irrigation pipe-line. Six men have been employed, winning 151 oz. 5 dwt. 2 gr. of gold, valued at £1,072 18s. 5d.

Subsidized and other miners are engaged sluicing and driving in the auriferous areas around Arrowtown and in the Arrow River. The reef prospecting parties so far have not located anything of importance.

*The Criterion Mine, Arrowtown*, was not worked during the year.

*Crown Terrace*.—Very little work has been done on this area during the year.

*Cardrona Valley*.—Work in the Cardrona Valley has been confined chiefly to subsidized mining.

*Matatapu River*.—A sluicing and elevating plant has been packed in to the upper reaches of this river. The old water-races have been reconditioned, pipe-lines laid, and opening-out operations were commenced towards the end of the year in a previously-worked area. Subsidized miners have also been employed in this River Valley during the year. The subsidized lode prospectors' parties have not located anything of importance during the year, thus showing the thoroughness of the early miners.

A total of 299 men was employed in the Lake County (companies included) winning 2,367 oz. 3 dwt. 12 gr. of gold, valued at £17,082 8s.

#### Vincent County.

*Kawarau River*.—Unsubsidized and subsidized miners have been employed on the terraces above the river at various points from the Natural Bridge to the junction with the Clutha River. Homer and Party were the chief producers, driving and blocking out on the left bank, about half a mile below the Cromwell Development weir.

*Frye-Giddens Syndicate, Cromwell Flat*.—No underground work has been carried on during the year.

*R. J. Bell, Horn's freehold*.—Prospecting operations were carried on intermittently in the area opened up by the north or 146 ft. shaft, but nothing of importance was located.

*Bell-Kilgour Gold-mining Co., Ltd.* (H. A. de Lautour, manager).—Nothing of value was located in the area acquired from Mr. Murray, and, as the deposit was exhausted in the original area, mining operations were discontinued early in the year. Ten men were employed for the short period, winning 15 oz. 12 dwt. 19 gr. of gold, valued at £106 3s.