

then the three-stamp battery was transported from Skippers Point and reassembled downstream from the reef. Treatment was commenced in December, and quartz is being won from the outcrop section of the reef.

Crystal Reef (near the Head of Sawyers Gulley, Skippers).—Some repair and prospecting work has been carried out at this mine.

The Schieb-Robertson Party (Shotover River, Downstream from the Boomerang Section).—During the lengthy high river period this party has been engaged in dam-construction and water-race reconditioning. Plant has also been transported to the mine from the Mountain Terrace and Ballarat Creek Mines, ready for a resumption of river mining when conditions become suitable.

The Athy Bros. River Mine (in the Shotover River, Two Miles Downstream from the Long Gully Junction).—On account of the lengthy period of high river, very little work has been done.

Moonlight Creek (Darkeys Terrace, Between the Moke and Moonlight Creek).—Sluicing plant has been installed and intermittent mining operations have been carried out.

Vincent County

Long Drive Syndicate (Near the Gum Trees, Downstream from the Roaring Meg Junction, Kawarau Gorge).—Intermittent work has been carried out on this deep lead by the tributer.

Gees Flat, Kawarau Gorge (The Homer Party).—The sluicing and elevating plant has been transported across the river to the mine. The main pipe-line has been relaid with larger pipes, and the mine is now ready for the commencement of sluicing operations.

Nevis Valley (Cameron's Gully, Stone Huts, Upper Nevis).—J. McLean has continued to sluice in Cameron's Gully during the working season.

Baileys Hill.—Upstream from Whittons Creek junction, Sutherland and party endeavoured to relocate a deep lead in this area, but Prospector Sutherland was killed by a fall of gravel early in January, and operations were then suspended.

Mid-Nevis Old Township Workings.—The McLean party continue to sluice and elevate alongside the Upper Nevis Road at the northern or upstream end of the old workings.

DREDGES

Vincent County

Austral-New Zealand Mining, Ltd.—This large electrically-operated dredge has continued to operate in the Clutha River flats upstream from the Lowburn Bridge. The average dredging depth was 47 ft., and 42.3 acres of river channels, islands, and river flats have been dredged during the year, yielding 2,990,000 cubic yards, with a recovery of 7,547 oz. of bullion. An average of 47 men was employed.

Clutha River Gold Dredging, Ltd.—This electrically-operated dredge has continued dredging operations on the Alexandra Flat, and has dredged an area of 20 acres with an average depth of 78 ft. The dredge operated for 5,819 hours and treated 2,521,000 cubic yards of material for a recovery of 6,802 oz. of melted gold. An average of 25 men has been employed. During the year the dredge was turned to the west again, and is now dredging on an upstream cut; it is now operating on the high terrace flats with a high gravel face above water-level, and is equipped with a special stacker elevator and rubber belt conveyors for the purpose of depositing the fines on top of the rough tailings.

Molyneux Gold Dredging Co., Ltd.—This electrically-operated dredge has been tied up during the whole of the year at Scotlands Point, Kawarau River, near the western end of the Cromwell Flats.

SOUTHLAND

The Rainbow Dredging Syndicate.—This is a small Diesel-operated sluice-box dredge suitable for dredging shallow ground. Dredging operations were commenced in the Charlton Valley, Part Lot 7 and 8, D.P. 83, of Section 4A, Waimumu Survey District, at the beginning of the year, and 150,000 cubic yards have been dug with an average depth of 6 ft.

ACCIDENTS

Mines

There was one fatal accident on 16th January. A prospector, A. Sutherland, was killed by a fall of earth from the side of an opencut when commencing a drive at Baileys Hill, Upper Nevis.

There was one serious non-fatal accident. On 8th December, G. H. Carey, dredgeman, Clutha River Dredging, Ltd., Alexandra, suffered a fracture of the tibia and fibula of left leg when endeavouring to prevent a steel bar from sliding overboard. The bar jammed his leg against the side of a chute.

Quarries

There was one fatal accident on 6th December. George Hawkins, shot-firer, was killed by a fall of rock in the quarry operated by the Awarua Lime Co. at Kings, near Winton.

There was one serious non-fatal accident on 21st July at the Opili Quarry, Totara Valley. Robert Graham, a quarryman employed by the McHaffie Bros., suffered an injury to his right eye, which has had to be removed, when the jackhammer drill he was using came into contact with some explosive substance.