

West Section (No. 2 Seam): Three pairs of colliers were employed during the year. The work included the recovery of roadways above the old Slant Heading and driving of a new intake airway from the main tunnel in solid coal to the dip of the seam.

A new electric man-haulage winch was installed at Middle Flat. A slip carried away portion of the hydraulic-brake house and inflicted considerable damage to this engine and to the new man-haulage winch.

CO-OPERATIVE MINES IN THE GREY DISTRICT

Spark and Party's Mine, Rewanui.—Development continued in a north-westerly direction to the rise off the main level. The coal maintained fairly good quality with an average thickness of 8 ft. to 9 ft.

Old Runanga Mine (O'Brien and Party), Rewanui.—Pillar-extraction continued on the west side of the main level.

Moody Creek Mine (Wright and Party), Dunollie.—Development work continued to the dip in excellent-quality coal averaging 12 ft. in thickness. A level to the right of the dip haulage was driven a distance of 8 chains and stopped temporarily in good-quality coal. It is the intention of this party to install a new surface haulage and erect new bins and screening-plant on the railway-line adjacent to the mine portal.

Goldlight Mine (Williams and Party), Rewanui.—Development work was continued throughout the year to the left of the dip haulage road. The quality of the coal remains good, averaging 8 ft. in thickness. The workings on this side are now approximately 3 chains from the boundary of the lease. A drainage level to the right from the foot of the dip haulage pierced the surface, thus eliminating pumping problems and providing improvement in the ventilation.

New Point E. Mine (Guy and Party), Dunollie.—Pillar-extraction ceased at the end of the year in the dip section of this mine and the section closed down. Work has now commenced in reopening the rise coal temporarily abandoned in the early part of the year.

Hilltop Mine (Armstrong and Party), Ten-mile.—Development work was continued to the west of the main dip in good coal averaging 20 ft. in thickness. A borehole in search of a lower seam was put down at the lower extremity of the workings. The depth of the borehole is approximately 80 ft., proving 12 ft. coal.

At the latter end of the year this mine was taken over by the Kiwi co-operative party.

Boote and Party, Ten-mile.—Pillar-extraction continued throughout the year on the west side of the dip haulage road. Roof conditions were not good, necessitating constant care and adequate timbering. The percentage of coal obtained from these workings was satisfactory.

Hunter and Party's Mine, Dunollie.—Development work was carried out in an incline and two levels to left of main dip. To the right of main dip a level was stopped at 3 chains in 18 in. top coal, 1 ft. stone, 2 ft. coal, 15 in. stone, 4 ft. coal on floor.

Schultz Creek Mine (Gould and Co., Ltd.), Twelve-mile.—The output was won solely from pillar-extraction in coal from 2 ft. to 3 ft. in thickness.

Cliffdale Mine (Stuart and Party), Ten-mile.—Pillar-extraction ceased in the old mine during the year and this mine closed down. A new dip drive was commenced some 10 chains to 12 chains west of the old mine mouth. Coal was struck at approximately $1\frac{1}{2}$ chains. The seam is 13 ft. thick and is of excellent quality, pitching at an average grade of 1 in 3. Development was being continued principally to the dip.

Bellvue Mine, Rapahoe.—No work was done at this mine during the year. Improvements to the surface haulage are contemplated, upon the completion of which it is proposed to reopen the mine.

Jubilee Mine (Tinning and Party), Rapahoe.—Twelve men were employed during the year, principally on pillar-extraction in No. 1 Section. Working-conditions were good, thus permitting a high percentage of extraction.

Coaldale Mine (Wafer and Party), Rapahoe.—At the latter end of the year this party commenced operations in a small area of coal 4 ft. thick adjacent to the old Bellvue Mine, worked by Hadercroft and party. Work consisted mainly of the erection of bins and building of access road. Very little coal was won.

Cliffside Mine (Moore and Party), Nine-mile.—Output was won chiefly from development work in good coal averaging 12 ft. in thickness. Several pillars on the low side of the old mine were extracted with good results.

Braehead Mine (Boote and Party), Dunollie.—Output was won solely from pillar-extraction in good-quality coal 5 ft. to 6 ft. in thickness.

Halliday and Party's Mine, Dunollie.—This party reopened the mine formerly worked by Currie and party, who later abandoned it in favour of a seam to the dip and on the low side of this mine. Working-conditions, however, are difficult. The seam appears to be a slip off the main strata. Roof conditions are not good, while the thickness of coal varies considerably, also the grade, which changes rapidly in extent and direction.

Harrison and Party's Mine, Ten-mile.—Pillar-extraction continued in the early part of the year and was suspended temporarily in favour of development ahead of the main dip haulage road. The thickness of coal averaged 6 ft. to 7 ft., but deteriorated somewhat to the right of the dip, where the seam is split by a band of stone 18 in. thick.