

The following is a summary of development-work done: Main and intermediate drives on lodes, 2,747 ft.; crosscutting lodes from drives, winzes, and rises, 511 ft.; rises on lodes and through country, 662 ft.; winzes on lodes and through country, 575½ ft.; driving and crosscutting through country, 1,327½ ft.; shaft-sinking, 86½ ft.: total, 5,909½ ft.

No. 6 level: George lode—The drive west advanced to 263 ft. from the south-east crosscut, at which point the lode junctioned with the Royal lode. From south-east crosscut to 186 ft. west the assays averaged £1 15s. 2d. for an average width of 55½ in. From 185 ft. to 200 ft. the lode is narrow, and mixed with country. From 200 ft. to 235 ft., £1 3s. 6d.; width of lode, 44 in. From 235 ft. to 263 ft., 13s. 2d.; width of lode, 51 in. No. 1 rise (at 40 ft. west of the south-east crosscut) was advanced 90 ft. and holed to No. 1 winze from No. 5 level, at which point the lode is 11 ft. wide, assaying 19s. The first 24 ft. of rise assayed £1 15s. 4d. for 47 in., only the hanging-wall being exposed. From 24 ft. to 90 ft. the value was £2 9s. 10d. for 51 in., the foot-wall not being exposed. No. 2 rise (at 160 ft. west of south-east crosscut) advanced 31 ft. The reef was 38 in. wide, and assayed £1 1s. 6d. The drive east was advanced to 182 ft. east of south-east crosscut. The first 22 ft. assayed £1 11s. 3d. for 76 in. (width of lode); from 22 ft. to 86 ft., £1 0s. 11d. for 72 in. (width of lode). At 50 ft. east the lode and country rock were disturbed by a fault striking north, and values became low. At 86 ft. east the lode was 24 in. wide. From 86 ft. to 184 ft. the lode became narrow and low grade. A crosscut was thrown out at 155 ft. east, and advanced through solid country 18 ft. to the north (hanging-wall side) and 30 ft. into the foot-wall country. No quartz was found. Royal lode—Driving on east drive from 29 ft. to 90 ft. the value was erratic, and averaged £3 9s. 5d. for the width of drive. At No. 1 crosscut (at 90 ft. east) the lode consisted of quartz, calcite, and country rock 25 ft. wide, worth 4s. 8d. From 90 ft. to 182 ft. the drive followed a fissure filled with loose quartz and country of no value. No. 2 crosscut (at 170 ft. east) was projected to the south-east, and advanced 85 ft. through disturbed country. At 72 ft. in this crosscut 60 in. of quartz was passed through, which assayed £3 per ton. The main drive was then directed more to the east, and advanced through disturbed country to 300 ft., where a broken reef formation was cut, assaying 7s. 10d. per ton. Beyond 620 ft. the country rock became free from disturbance. At 750 ft. intersected 33 in. of quartz; value, 7s. 5d. This was followed to 780 ft., at which point a cross-lode striking north was cut. This lode was followed 33 ft. north-west; it was 33 in. wide; value, 10s. 5d.: also 33 ft. south-east for a width of 46 in.; value, 12s. 5d. per ton. A main crosscut to the Empire lode was started at 780 ft. east, and advanced 177 ft. through solid country. In this crosscut the following lodes were intersected: At 70 ft. north-west a lode 60 in. wide, assaying £1 6s.; at 105 ft. north-west a lode 18 in. wide, assaying 10s. 11d.; at 145 ft. north-west a lode 30 in. wide, assaying 3s. 2d. No. 9 rise was put up 54 ft., and holed into the crosscut at the bottom of No. 9 winze from No. 5 level. From No. 6 level to 45 ft. up, the rise passed through a mixture of stringers and country, the assay average being 12s. 3d. for the width of the rise. From 45 ft. up to the winze crosscut the rise was in ore assaying £3 3s., the hanging-wall being exposed, but not the foot-wall. West drive—Advanced 640 ft.; total, 691 ft. From 50 ft. to 114 ft. the reef consisted of loose quartz and rubble, and assays averaged £1 4s. for width of 74 in. The walls were irregular. No. 2 crosscut, at 290 ft. west, exposed lode 12 ft. wide, assaying 2s. 6d.; No. 3 crosscut, at 370 ft. west, exposed lode 11 ft. wide, assaying 2s. 5d.; No. 4 crosscut, at 465 ft. west, exposed lode 13 ft. wide, assaying 5s. 9d.; No. 5 crosscut, at 575 ft. west, exposed lode 26 ft. wide, assaying £1 12s. 6d.; No. 6 crosscut, at 630 ft. west, exposed lode 34 ft. wide, assaying £1 18s. 3d. No. 8 rise (at 30 ft. west of south-east crosscut) was sunk 60 ft. The lode was 36 in. wide, and the assays averaged £1 16s. At 60 ft. down the width of the lode was 45 in., assaying £1 7s. 3d. Empire foot-wall branch lode—The drive on the smaller branch of the foot-wall leader running into the south wall at 255 ft. west was advanced 175 ft., making total of 425 ft. Assays averaged—From 270 ft. to 293 ft., £7 1s. 5d.; width of lode, 35 in.: from 293 ft. to 364 ft., £6 9s. 1d.; width of lode, 44 in. At 345 ft. the lode again divided, another vein branching into the south wall. This vein for the first 10 ft. assayed £19 1s. 3d. for width of lode 37 in. After 17 ft. of driving the lode split into stringers, and died out. Driving on the north branch of the lode (west of the 345 ft. split) was continued. Values became low after 365 ft., being 12s. 3d. for 25 in. of lode. At 420 ft. west a crosscut was thrown out 28 ft. to the south and 87 ft. to the north connecting with the Empire lode. This crosscut was in country rock, and did not disclose anything of value. A branch lode connecting the foot-wall lode and the main Empire lode was located 260 ft. west. This had a length of 50 ft., was 12 ft. wide, and assays averaged £13 12s. 6d. This branch consists of a network of country and rich veins of quartz. No. 6 rise (at 115 ft. west) advanced 25 ft.; total, 116 ft. Assays from 90 ft. to 110 ft. averaged £4 7s. 3d., for width of rise of 32 in. The rise holed into the Empire lode No. 6 winze from No. 5 level. No. 3 winze is down 67 ft.; assays averaging, from level to 15 ft. down, for a width of 48 in., £21 11s. per ton; from 15 ft. to 50 ft. down, for a width of 45 in., £10 11s. 1d. per ton; from 50 ft. to 67 ft. down, for a width of 38 in., £2 1s. 9d. per ton. A crosscut at 50 ft. down exposes both walls, the lode being 8 ft. wide; value averaged £3 13s. 9d. per ton. No. 4 winze is down 37 ft.; assays averaged—Up to 7 ft., for a width of 42 in., £2 15s. 6d. per ton; from 7 ft. to 12 ft., for a width of 46 in., £4 4s. per ton; from 12 ft. to 30 ft., for a width of 42 in., £5 2s. 4d. per ton; from 30 ft. to 37 ft., for a width of 45 in., £13 10s. 5d. per ton: the walls are not exposed. No. 5 winze is down 26 ft.; assays averaged per ton—Up to 11 ft., for a width of 42 in., £4 9s. 6d.; from 11 ft. to 21 ft., for a width of 39 in., £3 9s. 9d.; from 21 ft. to 25 ft., for a width of 38 in., £2 1s. 4d.: walls not exposed. No. 7 winze is down 3 ft. Empire lode—East drive advanced to 973 ft. This drive is close to the foot-wall of the lode for the full distance. The following gives the values: From 244 ft. to 300 ft., £2 13s. 5d. per ton, for width of 62 in.; from 300 ft. to 414 ft., £3 18s. 6d. per ton, for width of 59 in.; from 414 ft. to 506 ft., £2 6s. 8d. per ton, for width of 58 in.; from 506 ft. to 581 ft., £1 18s. 6d. per ton, for width of 54 in.; from 581 ft. to 668 ft., £1 5s. 3d.