

MORRIS-LLOYD MINE.
UNDERGROUND.
MORRIS MINE.

THIRD LEVEL.

The ground above this elevation has now been worked down below the level, and six gangs continue slicing and caving, all of the product being dropped to the fourth level and trammed to skips there.

The ore here occurs in two lenses, separated by a belt of jasper. The timber for the east ore body is taken in on the 3rd level and dropped down to the places, but all supplies for the inner or west lens must be taken in on the 4th level and hoisted to the places.

FOURTH LEVEL.

No breaking of ground was done on this level during the year, and the only work under way here has been the handling of the product coming down from above.

SIXTH LEVEL.

During the year the main level was extended west in an attempt to locate ore bodies, as some ore was shown in drill holes No. 4 and 96. One contract raised up above the level near the 2900 west meridian, a distance of 50 feet, and then crosscutted south to the ore. This ore body was developed by raises and drifts, and was found not to be extensive, containing only about 8,000 tons. The main drift encountered bunches of ore and dike, but is now being carried west in jasper. Hole No. 4 shows forty feet of ore below this level to the west, and may come up to this elevation to the south.

The ore found in horizontal drill hole No. 31 is being developed by two contracts, and the limits of same have now been determined on this level. Two raises are now going up, and No. 28 has proven the ore body to extend over 80 feet above the level. We hope this ore body extends through to the 4th level, a distance of 400 ft.

One contract has raised up 200 feet to the elevation of the fifth level in the first ore lens as located by drill holes No.

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SIXTH LEVEL (CONT'D)

22 and 23. This raise was in lean material all the way, but we appear to be on the contact of the ore and jasper on the hanging side. This raise is laid out to hole into the ore on the fourth level. This ore body will now be proved on the 5th level elevation by drifting and cross-cutting; the raise will then be extended, and should a considerable tonnage be proven, it will be necessary to drive a new level from the shaft on this elevation, in which to provide a gangway for men, timber and supplies, as 400 feet is too great a distance to climb and lug timber and other supplies.

SINKING MORRIS SHAFT.

The work of sinking this shaft from the fourth to the sixth level, a distance of 400 feet, was started in May month. A raise was put through on line of shaft, and then the work of stripping down was commenced. At the close of the year the shaft had been stripped and timbered to just above the sixth level. We are now using the miners to cut a new pump house and sump, which must be provided to care for the water before the shaft can be sunk below the level for skip pit and pocket.

DIAMOND DRILLING.

Horizontal hole No. 35, which was being drilled at the close of last year from the breast of the crosscut on the 6th level of the Morris Mine, was bottomed at 1447 feet in quartzite after encountering the hard ore jasper without finding any ore.

After hole No. 35 was completed, the machine was moved back on hole No. 29, and this was bottomed in the slate footwall at 1143 ft. A few runs of lean ore were encountered at 409 ft. to 455 ft., but nothing of importance was discovered. This hole shows 275 feet of good Bessemer ore from 50 ft. to 330 ft. below the sixth level.

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DIAMOND DRILLING.
(CONT'D)

After bottoming hole No. 29, it was decided to drill another hole to test the trough at a greater distance from the footwall, and the crosscut was extended a distance of 275 ft. south from the location of hole No. 29, and at the close of the year Hole No. 41 had reached a depth of 651 feet without encountering any ore.

Holes No. 38 and 39 were drilled horizontally on the west end of the sixth level to ascertain if the ore found above the level at this point extended down to this elevation, but no ore was encountered.

Hole No. 40 was drilled north from the main drift to test the ground between this drift and the footwall. The hole entered the footwall at 93 feet without finding any ore.