

NEWFOUND-
LAND.
MINERAL
RESOURCES.

upper, being separated from each other by several hundred feet of strata. The lowest ore bed crops out in the cliff at Clapper Cove, near the S.W. end of the island; where however, it could not be reached for examination and measurement. It would appear to be about two feet thick. Its strike would carry it across the S.W. corner of the island towards Lance Cove, but it has not been traced out as yet, nor has its eastern outcrop been discovered. In all probability this occurs where the land is low, and the cliffs taper down to the shore of the Cove. Some 730 feet of strata intervene between this and the second ore bed. The latter crops out on the extreme N.W. corner of the island and is seen to cap the Bell Rock, lying off this point about 150 feet or so. Where the outcrop of this band occurs is again inaccessible, the cliffs being exceedingly dangerous to approach. It appeared to be about 4 feet thick. This ore band has been traced on its strike eastward some two miles and a half, by means of trial pits sunk along its outcrop. About a half a mile from the Bell Rock Point, two of these pits, about 500 feet apart, afforded good examples of the dimensions and character of the deposit. One was a surface cutting across the bedding, and was sunk to about $4\frac{1}{2}$ feet. It showed alternate layers of rock and ore. The top layer consisted of one 8-inch and two 6-inch bands of ore, with partings of dark greenish micaceous rock between; while towards the bottom a few thin layers of ore of good quality occur. The next opening was a shaft, sunk vertically to a depth of some 10 or 12 feet, which exhibited the following section downwards:—

				Ft.	in.
Ore on surface	-	-	-	1	6
Rock	-	-	-	0	5
Ore	-	-	-	0	10
Rock	-	-	-	0	10
Ore	-	-	-	0	11
Rock	-	-	-	1	2
Ore	-	-	-	0	3
Rock	-	-	-	0	$2\frac{1}{2}$
Ore	-	-	-	0	4
Rock	-	-	-	0	2
Ore	-	-	-	1	9
Rock	-	-	-	0	1
Ore	-	-	-	0	6
Rock	-	-	-	0	4
Ore	-	-	-	0	3
Rock	-	-	-	0	2
Ore	-	-	-	0	3
Rock	-	-	-	0	3
Total	-	-	-	10	$2\frac{1}{2}$
Ore	-	-	-	6	7