

one ounce similar to that assayed, and six ounces inferior, but still very rich. My object in assaying this, was to shew the Directors to what perfection their ores are susceptible, by mechanical separation, (there is I believe some more of this kind in a barrel,) and also the buttons of copper ore, —see paper headed ‘S. S. half oz. Troy,’ which was taken from the sump shaft, and S. W. H. from excavation H. half oz. Troy.

CONCLUSINO.

In addition to the information already laid before the Board in my former reports, the result of the above assays, I flatter myself to think, that the Directors will clearly see, that their mines have undergone a close and strict examination by me ; and although their expectations may perhaps not have been fully realized, it is not owing to any defect in their mining property ; and I now not only confirm my previous opinion, but would recommend the works to be prosecuted on a more extensive scale than I have hitherto proposed, viz. : to sink sump shaft at Spar Island to twenty fathoms, Winze B, Mainland, to sink twenty fathoms, and to drive gallery X into the mountain mainland twenty fathoms. The whole could be done in twelve months, (less if the water should be easy), with twelve real miners, and ten labourers, provided contract work be given, which I should advise, but which is not practicable at this moment, for reasons unnecessary now to go into ; which, I think, would be a pretty good trial for the mine, and one that it is well deserving of. And, in addition to this, I should work the excavation H by three men, and build the stamps that I proposed in my last report. I can only say, let me build it for £150, and next summer I will prepare ten tons of copper ore, five of which shall produce twenty per cent. for copper, and the remaining five tons thirty per cent. for copper ; how much more than this I cannot tell, but in all probability a great deal.

SECOND REPORT.

*Prince's Bay, Jany. 4th, 1849.*

MAIN LAND.

WINZE B.—The sinking has been going on steadily by three men, and by increasing the size of the hole to blast, with it, is