

## IRON, LEAD, AND GOLD IN DOUGLAS BAY.

Letter to the Editor by  
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The article by David Hollis in the Bulletin (1989) quoted a description of the Douglas Bay Mine extracted from a Manx Mines Research Group Newsletter (Williamson 1987). This contains a factual error concerning the conversion between pennyweights and the ppm of gold. The actual conversion factors depending on whether short or long tons are in use are as follows:

$$\begin{aligned} 1 \text{ dwt/short ton} &= 1.71 \text{ g/t (ppm wt/wt)} \\ 1 \text{ dwt/long ton} &= 1.53 \text{ g/t (ppm wt/wt)} \end{aligned}$$

Assuming that short tons were in use then the values quoted for the three samples range from 3.49 to 17.46 g/t. In view of the fact that around the world grades as low as 0.5 g/t can be successfully mined, the subsequent statement that there was no chance of working at a profit is rather surprising.

### REFERENCES

Hollis, D. 1989 The Search for Iron, Lead, and Gold in Douglas Bay, Isle of Man: Old Trials and a New Insight into the Geology. *Bull.PDMHS*. Vol. 10, No. 5, pp.276-83.

Williamson, A. 1987 Douglas Bay Mine. *Manx Mines Research Group Newsletter* No. 6, (January).