

Rock Type	Cut-Off Grade	Dilution Grade
Dolomite Sulphide Lode	0.3% Sn	0.06% Sn
Porphyry	0.2% Sn	0.09% Sn
Porphyry	0.3% Sn	0.14% Sn
Porphyry	0.4% Sn	0.22% Sn

To estimate the amount of dilution for the 0.3% Sn cut-off grade, the following basis has been used:

1. In the open pit, where the majority of a bench was ore, the bench was retained as ore and the waste volume used to calculate dilution. Where the bench showed more waste than ore, it was rejected as waste. The benches were arranged to accept dilutant material rather than reject ore.
2. A dilution due to drilling accuracy of 0.5 metres, and a dilution of 0.15 metres due to loading accuracy, were allowed, giving a 0.65 metre dilution addition on the footwall. On the hangingwall, dilution from benches was calculated as outlined in the previous paragraph.
3. The porphyry to be mined by underground methods had a band of 0.5 metres of waste added and 0.5 metres of ore lost each from 50% of the perimeter. It was assumed that sampling and blasting would allow a \pm 1.0 metre tolerance on the ore/waste boundary, therefore, on average, 0.5 metres was lost or gained. In addition, a 5% dilution due to wall rock slabbing has been added.