

Massayampa M 171.2

Non	Troi	Metal	Weath
35	HHH	HHH	HHH
38	HHH	HHH	HHH
41	HHH	HHH	HHH
33	HHH	HHH	IIII ₁₄
37	HHH	HHH	HHH
41	HHH	HHH	HHH
36	HHH	HHH	II ₂₁
36	HHH ₃₀	HHH	
32	HHH	III ₃₃	I
36	HHH	HHH	I ₂₂
30	HHH	HHH	2.1%
35	HHH	HHH	
41	HHH	HHH	
41 ₅₁₂	III ₅₃	HHH	
71	III	III ₃₆	
64	III ₃₆	HHH	
60	5.4%	6.1%	
59		5.9%	
59			
825			
71			
896			
86.6%			

Total = 1035

$$\frac{86.6(3.3)}{100} + \frac{5.4(4.7)}{100} + \frac{5.9(7.7)}{100} + \frac{2.1(4.3)}{100} = D$$

$$2.86 + 0.26 + 0.45 + 0.09 = 3.66$$

Troi $\frac{5.4(4.75)}{3.66} = 7.0 \text{ wt \% Troilite}$

Metal $\frac{5.9(7.7)}{3.66} = 12.4 \text{ wt \% Metal}$

Weath. $\frac{2.1(4.3)}{3.66} = 2.5 \text{ wt \% Goethite}$