

ANALYSIS OF THE MELROSE METEORITE

Metallic Portion0.222 grams

Analysis

Fe	89.1 %
Ni	9.2 %
Co	1.5 %
Cu	0.02%

Non-Metallic Portion 49.6 grams

Analysis

FeO	16.13%
Fe ₂ O ₃	12.03%
NiO	1.23%
CoO	0.08%
Cr ₂ O ₃	0.56%
Al ₂ O ₃	2.20%
TiO ₂	0.12%
MnO	0.29%
CaO	2.35%
MgO	22.15%
K ₂ O	0.08%
Na ₂ O	0.29%
SiO ₂	35.90%
SO ₃	0.35%
Cl	0.06%
P ₂ O ₅	0.22%
FeS	4.95%
H ₂ O	1.16%

100.15

Pt. metals 0.24 oz. per ton

Gold Assays:

No. 1	0.03 oz. per ton
No. 2	0.02 " " "
No. 3	0.30 and 0.32 oz. per ton