

“ In the part of the lode from which this ore was obtained, the ore is principally composed of zinc blende.

“ *Pyrolusite, South Wairoa ; analysed by A. T. Day.*

“ Si O <sub>2</sub> ...	...	...	...	...	...	...	2.60
Iron oxides ...	...	...	...	...	...	...	6.20
Mn O <sub>2</sub> ...	...	...	...	...	...	...	89.76
H <sub>2</sub> O and loss ...	...	...	...	...	...	...	1.44

100.00

“ This is a most valuable and pure ore of manganese, and if it exists in abundance, and in a position easily accessible, it could be worked with much profit.

“ *Psilomelane, Parua Bay, Whangarei ; analysed by A. T. Day.*

“ Si O <sub>2</sub> ...	...	...	...	...	...	...	13.02
Fe <sub>2</sub> O <sub>3</sub> ...	...	...	...	...	...	...	15.27
Mn O <sub>2</sub> ...	...	...	...	...	...	...	64.61
H <sub>2</sub> O ...	...	...	...	...	...	...	5.32

98.22

“ This is a valuable ore, and is being profitably worked.

“ *Milk, Parawai, Thames ; analysed by A. R. Carnie.*

“ Water ...	...	...	...	...	...	...	87.01
Fat ...	...	...	...	...	...	...	5.32
Caseine and lactose ...	...	...	...	...	...	...	7.05
Ash ...	...	...	...	...	...	...	0.61

100.00

Specific gravity, 1.027.

“ This milk was forwarded for analysis by a local doctor, as being the cause of lactic fermentation in the bowels of some infants supplied with it. The analysis shows that it was abnormally high in fat, which would explain its injurious effects.

“ *Milk, Tararu, Thames ; analysed by W. Climo.*

“ Water ...	...	...	...	...	...	...	87.692
Fat ...	...	...	...	...	...	...	3.011
Caseine and lactose ...	...	...	...	...	...	...	8.337
Ash ...	...	...	...	...	...	...	0.960

100.000

Specific gravity, 1.035.

“ The analysis showed this to be an average normal milk, and not adulterated, as suspected by the purchaser.

“ *Fire-clay, Ngunguru Coalfield, forwarded by Inspector of Mines ; analysed by W. Climo.*

“ Si O <sub>2</sub> ...	...	...	...	...	...	...	89.55
Al <sub>2</sub> O <sub>3</sub> ...	...	...	...	...	...	...	2.15
Fe <sub>2</sub> O <sub>3</sub> ...	...	...	...	...	...	...	Trace
Ca CO <sub>3</sub> ...	...	...	...	...	...	...	Trace
K <sub>2</sub> O ...	...	...	...	...	...	...	1.62
Na <sub>2</sub> O ...	...	...	...	...	...	...	4.88

98.20

“ *Black Slime, precipitated by Zinc from Potassium Cyanide Solution ; analysed by W. Climo.*

“ Si O <sub>2</sub> ...	...	...	...	...	...	...	29.88
Pb ...	...	...	...	...	...	...	0.60
Fe ...	...	...	...	...	...	...	4.29
Cu ...	...	...	...	...	...	...	0.77
Zn ...	...	...	...	...	...	...	30.69
Ag }	...	...	...	...	...	...	31.17
Au }	...	...	...	...	...	...	
S ...	...	...	...	...	...	...	2.54
KCN ...	...	...	...	...	...	...	0.02

99.96

“ It was found that by carefully washing through a fine sieve the greater portion of the bullion could be separated from the mine.