

" *Ochreous Hematites, New Caledonia, forwarded by Colonial Bank, Auckland; analysed by A. R. Carmie.*

	A.	B.
" Insoluble gangue	53.80	18.08
Iron oxides	29.56	70.86
Water	16.04	10.12
	99.40	99.06

"The sample marked A was a pale yellowish-red colour. Sample B was a dark blood-red colour, and a most valuable ore of iron.

" *Bituminous Coal, Newcastle, N.S.W.; analysed by George Fleming.*

" Fixed carbon	58.36
Hydro-carbons	33.88
Water	2.84
Ash	4.92
	100.00

Evaporative power, 7.58lb.

" Coal, brittle, lustrous, friable. Forms a soft, spongy coke. Ash grey.

" *Spathic Iron-ore, Norfolk Mine, Tararu; analysed by W. Climo.*

" Silica	2.86
Carbonate of iron	97.34
	100.20

" *Complex Sulphide, Norfolk Mine, Tararu; analysed by H. F. Shepherd.*

" Si O ₂	2.40
Fe	2.20
Pb	42.60
Zn	26.10
S	25.60
	98.90

"This ore occurs in nests and small pockets in the clayey or mullocky portions of the lode. It frequently contains free gold adhering to the lead crystals.

Complex Sulphide, Tui Mine, Te Aroha; analysed by Bain Hogg.

" Si O ₂	17.00
Cu	4.81
Fe	10.33
Zn	30.67
Pb	4.95
S	33.34
	101.10

" *Complex Sulphide, Tui Mine, Te Aroha; analysed by R. Mellett.*

" Si O ₂	16.48
Pb	17.78
Cu	11.96
Fe	5.82
Zn	17.15
Cd	Trace.
Al ₂ O ₃	5.00
S	25.70
	99.89

"This ore contains 30oz. of silver, and a trace of gold, to the ton.

" *Complex sulphide, Tui Mine, Te Aroha; analysed by A. T. Day.*

" Si O ₂	11.58
Pb	Trace
Cu	1.54
Fe	Trace
Zn	57.38
Cd	Trace
S	28.57
	99.07