

REPRODUCTION FOR Central Canada Chamber of Mines.

Statistical Analysis for month of Sept. 1898. Witwatersrand, Johannesburg, South Africa

Reproduced for the members of the Central Canada Chamber of Mines as an outline of statistical information, which with other matter will be compiled monthly by the Institution, printed and disseminated to the newspaper press for publication throughout the world, with the object of supplying reliable information, enlightening, and inspiring confidence in the centres of capital in Europe as to Canadian mineral resources, which are at present comparatively unknown.

No.	DISTRICT AND COMPANY.	TONNAGE.		FROM MILL.				FROM TAILINGS.				FROM ALL SOURCES.				REMARKS.		
		No. of Mills.	No. of Tons.	Yield of Gold.		Value of Yield.		In Bullion.	Equivalent in fine gold.	Yield of Gold.		Value of Yield.		In Bullion.	Equivalent in fine gold.		Total Value.	Total value of yield per ton milled.
				Ounces.	Dwt. Grains.	Total.	Per Ton.			Ounces.	Dwt. Grains.	Total.	Per Ton.					
WITWATERSRAND.																		
1	Anglo	2646	17 00	7125	40	28 58	4 15	106 48	4 15	106 48	106 48	4 15	106 48					
2	Hamilton	7242	18 40	6265	80	28 20	4 75	102 08	4 75	102 08	102 08	4 75	102 08					
3	Block in Langlaagte Estate	1000	3 00	1000	0	3 00	0 00	3 00	0 00	3 00	3 00	0 00	3 00					
4	Roman	2140	27 77	5551	60	28 05	4 77	120 17	4 77	120 17	120 17	4 77	120 17					
5	Cham. Driv	2200	22 00	2200	0	22 00	0 00	22 00	0 00	22 00	22 00	0 00	22 00					
6	Clay and Substrian	2400	10 00	1000	20	27 34	4 47	117 19	4 47	117 19	117 19	4 47	117 19					
7	Consolidated Main Reef	1500	40 00	4000	80	27 00	4 00	108 00	4 00	108 00	108 00	4 00	108 00					
8	Crown Reef	2000	10 00	2000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
9	Crown Reef	1500	10 00	1500	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
10	Defonstein Consolidated	1500	11 00	14700	110	27 91	4 81	124 48	4 81	124 48	124 48	4 81	124 48					
11	Durban Rootpost Deep	1200	12 00	1200	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
12	Durban Rootpost Deep	1110	40 15	4020	40	28 42	4 82	124 52	4 82	124 52	124 52	4 82	124 52					
13	Forest	1200	45 00	4500	90	28 00	4 80	122 40	4 80	122 40	122 40	4 80	122 40					
14	Geduldina Deep	2000	14 17	14200	140	27 50	4 28	116 80	4 28	116 80	116 80	4 28	116 80					
15	Geduldina Deep	2000	10 00	2000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
16	Do.	2000	10 00	2000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
17	Geduldina Main Reef	1187	22 64	8829	60	28 70	5 10	132 19	5 10	132 19	132 19	5 10	132 19					
18	George Koch Amalgamated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
19	Groenboom	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
20	Hem Deep	1110	24 29	8820	60	28 70	5 10	132 19	5 10	132 19	132 19	5 10	132 19					
21	Henry Nouze	1107	18 00	1107	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
22	Johannesburg Pioneer	4450	15 70	3135	30	28 40	3 70	129 30	3 70	129 30	129 30	3 70	129 30					
23	Johannesburg Pioneer	4450	15 70	3135	30	28 40	3 70	129 30	3 70	129 30	129 30	3 70	129 30					
24	Jumpers	1924	39 59	12100	120	28 37	4 26	148 16	4 26	148 16	148 16	4 26	148 16					
25	New Eastern	1515	15 00	1500	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
26	L. U. Syncline	600	14 00	600	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
27	Lamaster	2000	10 00	2000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
28	Langlaagte	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
29	Langlaagte	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
30	Langlaagte	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
31	May Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
32	May Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
33	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
34	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
35	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
36	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
37	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
38	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
39	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
40	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
41	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
42	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
43	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
44	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
45	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
46	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
47	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
48	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
49	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
50	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
51	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
52	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
53	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
54	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
55	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
56	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
57	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
58	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
59	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
60	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
61	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
62	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
63	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
64	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
65	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					
66	North Consolidated	1000	10 00	1000	0	27 00	0 00	27 00	0 00	27 00	27 00	0 00	27 00					

Where the value of the gold is not stated by the Companies it is taken at £3 10 per ton for mill gold and at £3 for cyanide per ton.

The Mineral Resources of Central Canada.

An Address given by Mr. F. H. Malcolm (late President of the Johannesburg Diamond Boring and Developing Company Limited) to the Members of the Central Canada Chamber of Mines.

From the above statistics it will be noted that Transvaal ores are low grade, averaging only 6 1/2 dwts. to the ton, over the plates, in value slightly under \$6.00 per ton. The mines are deep averaging 2,500 feet, some exceeding 4,000 feet, before the reef is reached. Water is also scarce.

The cost of constructing these immense dams averages about \$500,000.00, and sinking and equipping a shaft to that depth about \$250,000.00, or (£150,000 in all) has to be spent before they are on the same basis as a Canadian out-crop mine, when the first pick is put into the ground.

The Transvaal reefs average 10 feet 6 inches in thickness. In Canada a fair average reef is 4 feet, but many run in Ontario up to