

(2.) DREDGE MINING.

The following is a statement showing the capacity, production, and profits of bucket gold-dredges during 1921. (NOTE.—The profits made by privately owned dredges are not obtainable for publication.)

Name of Dredge.	Locality.	Capacity of Dredge-buckets, in Cubic Feet.	Number of Buckets discharged per Minute.	Nominal Horse-power of Engines.	S = Steam. E = Electrical.	Average Depth of ground dredged.	Value of Bullion obtained during 1920.	Dividends declared.	
								During 1921.	Total.
<i>Otago and Southland.</i>									
Rise and Shine No. 1	Cromwell	5½	10	20	S	Ft. 40	£ 6,212	£ 600	£ 53,700
Rising Sun .. ..	.. ..	7	10	25	S	45	4,605	..	24,000
Electric No. 1 (private) .. ..	.. ..	5	10	16	S	35	1,696	..	..
Earnsclough No. 3	Alexandra	7	12	150	E	50	3,644	..	} 30,250
Earnsclough No. 5 .. ..	.. ..	6	13	150	E	35	4,079	..	
Nevis Crossing (private)	Nevis	3½	10	12	S	10	748	..	..
McGeorge's Freehold No. 2 (private)	Waikaka Valley	6½	9	16	S	14	4,874	..	..
McGeorge's Freehold No. 3 (private) .. ..	.. ..	6½	9	20	S	35	440	..	..
Kura (private)	Waikaia	3½	9	16	S	30	3,363	..	..
<i>West Coast.</i>									
Awatuna	Awatuna Beach	8	15	20	S	12	..	..	..
Rimu	Rimu	10	19	125	E	58	6,518	..	..
Totals, 1921 .. ..	.. ..	..	..	..	..	..	36,179	600	Unknown
Totals, 1920 .. ..	.. ..	..	..	..	..	..	34,672	1,400	Unknown

The Ferry, Lower Nevis, and Chambers Reward dredges were put out of commission during the year.

The American dredge Rinnu commenced work upon the heavy and tight gravel at Rinnu Flat, near Hokitika, towards the end of the year, lifting approximately 135 cubic yards per hour, the average value being about 9d. per cubic yard. This, the most powerful and up-to-date electrically-driven gold-dredge in Australasia, cost about £135,000. A description of this dredge is given in the report of Inspector J. F. Downey, contained in Annexure A hereto.

(3.) ALLUVIAL MINING.

The following is a statement showing the value of production and dividends declared from alluvial gold-mines during 1921 :—

Name of Company.	Estimated Value of Gold produced.	Dividends declared.	
		During 1921.	Total to End of 1921.
	£	£	£
Hochstetter Goldfields (Limited)	2,286		6,572
Golden Crescent Sluicing Company	1,938	437	12,862
Havelock Sluicing Company	1,645	400	11,200
Nokomai Hydraulic Sluicing Company	7,678	1,200	54,683
Ourawera Gold-Mining Company	1,609	300	15,115
149 other claims	62,282	*	*
Totals	77,438	*	*

* Unknown; the dividends or profits from privately owned claims not being notified to the Mines Department.

V. MINERALS OTHER THAN GOLD.

TUNGSTEN-ORE.

Owing to the low price in the Home market for tungsten-ore no exportation was made during the year, although 38 tons 7½ cwt. of scheelite concentrate was produced in the Dominion. The mines at Macrae's and The Reefs, Otago, were idle during the year.

The following statement shows the quantity and value of ore exported :

Year.	Quantity.	Value.	Year.	Quantity.	Value.	Year.	Quantity.	Value.
	Tons.	£		Tons.			Tons.	£
1899 ..	32	2,788	1907 ..	137	15,486	1915 ..	194	27,784
1900 ..	54	2,635	1908 ..	68	6,055	1916 ..	266	49,070
1901 ..	2	83	1909 ..	58	4,263	1917 ..	161	28,972
1902 ..	39	1,200	1910 ..	143	15,070	1918 ..	169 $\frac{1}{2}$	37,922
1903 ..	42	1,439	1911 ..	138	11,853	1919 ..	131	29,489
1904 ..	17	791	1912 ..	135	13,347	1920 ..	10 $\frac{1}{10}$	1,378
1905 ..	28	1,848	1913 ..	221	22,933	1921 ..	..	..
1906 ..	55	3,407	1914 ..	204	21,498			
						Totals ..	2,304 $\frac{3}{4}$	299,311