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Western Australian Goldfields

MINING STATISTICS.

JANUARY, 1903.

OUTPUT OF GOLD FOR JANUARY, 1903.
FROM RETURNS FURNISHED BY H.M. CUSTOMS AND THE ROYAL MINT.

GOLDFIELD.	DISTRICT.	Gross weight exported.	Gross weight received at Mint.	TOTAL EXPORTED AND RECEIVED AT MINT.			
				Gross Weight.		* Fine Contents.	
				District.	Goldfield.	District.	Goldfield.
Kimberley ...	...	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.
Pilbara ...	{ Marble Bar ...	...	...	...	...	1,498·26	...
West Pilbara ...	{ Nullagine ...	2·67	1,767·83 1,803·03	1,767·83 1,805·70	3,573·53	1,530·35	3,028·61
Ashburton ...	...	...	...	...	...	...	5·63
Gascoyne ...	...	...	...	...	...	...	...
Peak Hill ...	...	...	...	4,944·32	4,944·32	...	4,190·37
East Murchison ...	...	2,109·55	5,309·58	...	7,419·13	...	6,287·80
Murchison ...	{ Cue ...	2,871·60	390·56	3,262·16	2,764·72	...	...
	{ Nannine ...	247·52	1,428·89	1,676·41	1,420·78	...	...
	{ Day Dawn ...	14,913·09	...	14,913·09	21,896·37	12,639·01	18,557·43
	{ Mt. Magnet ...	186·30	1,858·41	2,044·71	1,732·92	...	...
Yalgo ...	...	...	79·66	79·66	...	...	67·51
Mt. Margaret ...	{ Mt. Morgans ...	...	6,072·60	6,072·60	5,146·60	...	...
	{ Mt. Malcolm ...	5,657·55	1,913·75	7,571·30	6,416·76	...	15,856·76
	{ Mt. Margaret ...	120·15	4,945·74	5,065·89	4,293·40	...	...
	{ Menzies ...	42·48	6,897·06	6,939·54	5,881·34	...	...
North Coolgardie ...	{ Ularring ...	...	2,423·99	2,423·99	2,054·36	...	...
	{ Niagara ...	28·25	6,475·48	6,498·73	5,507·75	...	13,635·18
	{ Yerilla ...	...	226·23	226·23	191·73	...	...
Broad Arrow ...	...	56·74	1,015·86	...	...	...	909·04
North-East Coolgardie ...	{ Kanowna ...	343·20	3,436·07	3,779·27	3,202·98	...	...
	{ Bulong ...	...	581·41	581·41	492·75	...	3,695·73
	{ Kurnalpi ...	...	...	...	...	...	...
East Coolgardie ...	...	73,513·72	44,767·32	...	118,281·04	...	100,244·54
Coolgardie ...	{ Coolgardie ...	1,156·80	6,100·44	7,257·24	6,150·59	...	6,850·29
	{ Kunanalling ...	...	825·59	825·59	699·70	...	...
Yilgarn ...	...	...	2,298·51	...	2,298·51	...	1,948·01
Dundas ...	...	31·70	2,487·90	...	2,519·60	...	2,135·39
Phillips River ...	...	317·93	644·06	...	961·99	...	815·30
Donnybrook ...	...	...	39·19	...	39·19	...	33·21
Goldfields generally ...	...	...	116·45	...	116·45	...	98·69
Total ...	...	† 101,594·25	108,856·57	...	210,450·82	...	178,359·49

* Calculated on the average fineness of gold produced in Western Australia as shown by the latest available returns, viz., 13 12s. per oz.

† In addition were exported 8,287·39ozs. included in past Mint Returns.

Value.—178,359·49ozs. fine, at £4 4s. 11·45d. per oz. = £757,622 19s. 0d.

Summary of Exports of Gold, showing Countries to which consigned.

Country.	In Bullion.	In Ore.	Total.
United Kingdom ...	ozs. 77,315·03	ozs. 693·00	ozs. 78,008·03
New South Wales ...	...	19,626·58	19,626·58
Victoria ...	3,952·79	6·85	3,959·64
India ...	† 8,287·39	...	8,287·39
Total ...	89,555·21	20,326·43	109,881·64

† Consisting of 10oz. bars specially prepared at the Mint for the Indian Market.

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EXPLANATORY.

1. In the tables the nineteen goldfields of the State are arranged according to their geographical position, commencing with Kimberley in the North, and terminating with Donnybrook in the South-West. Six goldfields are sub-divided into eighteen districts, and in such cases, that district in which the Warden has his headquarters is placed first in the return. The mining centres have been shown in alphabetical order under the heading of their respective districts, and, finally, the groups of mines which make up the mining centres have been similarly arranged.

2. These returns represent all treatments reported to Mining Registrars as completed during the month; but, as Regulations 182 and 113 allow seven days in which to declare such results, the gold production of the State cannot be ascertained earlier than some ten days after the end of each month when the totals of each district will be announced, followed at a few days' interval by full details.

3. During the last week of each month the holders of leases and registered claims, as well as the managers of public crushing plants, will receive from the Mining Registrar of the district,—

- (a.) Two copies of Schedule 13 or 14, according as they may be applicable to machinery areas, leases, or registered claims.
- (b.) One addressed envelope, fully prepaid by means of postage stamps, in which the return is to be forwarded to the Mining Registrar.

From this, it will be gathered that all cost to the lessees and managers has been avoided, and the labour of completing the returns has been reduced to a minimum.

4. One of the principal intentions of Regulation 182 being to credit each district with the amount of gold won therefrom, managers of gold-extracting plants, when taking delivery of ore for treatment, are requested to insist upon the locality, from which such ore was derived, being furnished. As the results from ore so treated should be in the hands of the Mining Registrar of the district from which it was obtained on the seventh day of each month, it behoves all managers to post the return as many days before that date as it will occupy in transit.

5. The differences between the table headed "Total Production of Gold, etc." and the "Output of Gold" (Customs and Mint combined), are to be accounted for by the fact that the exportation of gold started, practically, with the inception of the industry; whereas the mode of collecting returns adopted by the Mines Department is the outcome of a system established some few years ago. Up to that date, therefore, no good basis for an exact comparison can be found. As to the discrepancy which exists at present, the assumption is that the whole of the gold won from the ground is not reported to the Department.

6. Notification will be gladly received by the Statist, Department of Mines, Perth, of any omissions that may occur or corrections that may be necessary, the object of the Department being to arrive at an accurate estimate of the minerals produced in Western Australia.

EXPLANATION OF SIGNS AND ABBREVIATIONS.

* Not working.	G.M.L. Gold Mining Lease.
¶ Extras (magnettings, skimmings, etc.)	M.L. Mineral Lease.
a. Arrastras.	P.P.L. Private Property Lease.
b. Ball mill.	C. Claim.
c. Dry crusher.	A.C. Alluvial Claim.
g. Griffin mill.	Q.C. Quartz Claim.
h. Huntington mill.	R.C. Reward Claim.
k. Krupp ball mill.	L.C. Lode Claim.
p. Puddler.	M.A. Machinery Area.
t. Tremain mill.	Q.P.P.A. Quartz Prospecting Protection Area.
cr. Crushing roller.	T.A. Tailings Area.
pr. Prospecting mill.	W.R. Water Right.
con. Concentrates.	Gf. Goldfield.
cy. Tailings.	D. District.
sl. Slimes.	M.D. Mining District.
pl. Plates.	

WESTERN AUSTRALIAN GOLDFIELDS.

RETURN OF CRUSHINGS AND OTHER TREATMENTS OF ORE COMPLETED DURING THE MONTH OF JANUARY, 1903.

Reported under Regulations 113 and 182 of "The Goldfields Acts, 1895-1900."

Mining Centre	Number of Lease, Chain, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	PLANT.				PRODUCTION.				Value of gold per oz.	AVERAGE per ton treated.	REMARKS.
			Stamps.	Other Mills	Leaching Vats.	Filter Presses.	Alluvial	Dollied and Specimens.	Ore treated.	Gold therefrom.			
							ozs.	ozs.	tons.	ozs.	ozs.	£ s. d.	

KIMBERLEY GOLDFIELD.

Ruby Creek ... The Brockman	61, M.A. 9 141A C, M.A. 8	Ruby Queen ... Mt. Bradley Tunnelling Claim... <i>From Goldfield generally—</i> Alluvial	15 10										
		TOTAL	25	...	...	...	30'00						

PILBARRA GOLDFIELD.

MARBLE BAR DISTRICT.

Bamboo Creek Boodalverrie...	161 601	Bulletin Golden Granite	10 ... +1										
Lallarookh ...	{ R.C. 112, M.A. 23,	Lallarookh G.M. Co. ...	10	t. 1									
Marble Bar ...	{ 3, 7, 21	British Exploration of Australasia, Ltd.	5	...	2								
Warrawoona ...	L.C. 128	Tom Thumb ... ... ...	...	...	...	...			
Do. ...	M.A. 18	Klondyke Battery ...	5	...	4								
Do. ...	M.A. 19	Salgash Public Crushing Battery	15	...	2								
Wyman's Well	L.C. 129	Lady Adelaide Battery ...	10	...	...	...				
Tandicoogina	M.A. 26	<i>From District generally—</i> Notice of Purchase, Reg. No. 188	...	...	...	...	13'80						
		Do. do. 189	...	...	...	...	6'40						
		Do. do. 190	...	...	...	...	63'00						
		TOTAL	55	2	8	...	83'20	...		57'35	148'27	2'58	

NULLAGINE DISTRICT.

Elsie ... Mosquito Cr'k. Nullagine ... Do. ... Do. ... 20-Mile Sandy	M.A. 7L M.A. 6L 106L M.A. 3L M.A. 4L 136L	Elsie Mill ... Royer's Public Crushing Battery ... Barton ... British Exploration of Australasia, Ltd. Lambert's Treatment Works ... Little Wonder ... <i>From District generally—</i> Notice of Purchase, Reg. No. 65	... *10 +10 +	t. 1 ...						50'00	73'00	1'46	3 16 0
		Do. do. 66	...	...	...	...	2'20			...	...	...	†Also 5 erecting.
		Do. do. 67	...	...	...	...	2'51			...	...	...	†10 dismantled.
			...	...	...	...	6'76						
		TOTAL	20	1	4	...	11'47	...		102'00	113'10	1'11	

WEST PILBARRA GOLDFIELD.

Hong Kong ... Lower Nicol ... Station Peak ...	(97) 106, etc. 117	Queen Victoria Mill ... Ninety-nine leases ... Filgrim's Rest ... <i>From Goldfield generally—</i> Alluvial ... ... ...	... 10 10	t. 1 pr. 1 ...						400'00	503'00	1'26	
							4'50						
		TOTAL	20	2	...	...	4'50	...		400'00	503'00	1'26	

ASHBURTON GOLDFIELD.

		<i>From Goldfield generally—</i> Alluvial ... ... ...	...	...	...	...	...	...	...	...	...	...	December, 1902.
		TOTAL ... ... ...	...	...	...	...	120'00						

PEAK HILL GOLDFIELD.

Peak Hill ... Ravelstone ...	{ 1r, etc., M.A. 4P } ...	Peak Hill Goldfields, Ltd. ... State Battery ...	... +10	... ...	8 ...	9 ...	...	...	...	5,133'00	{ 2,180'30 cy. 953'10	'42 '18	3 15 3	+10 hung up. cy. 5,071 tons. †Leased.
		TOTAL	60	...	8	9	...	...	...	5,133'00	3,133'40	'61		

GOLD YIELD—*continued.*

Mining Centre	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	PLANT.			PRODUCTION.				Average per ton treated.	Value of gold per oz.	REMARKS.
			Stamps,	Other Mills	Leaching Vats,	Filtrer Presses,	Anhyd.	Dollied and Specimens.	Ore treated.			
							ozs.	ozs.	tons.	ozs.	ozs.	£ s. d.

DUNDAS GOLDFIELD.

Bulmania	M.A. 28	Pathway Battery	†1	+	Saunders' R.O. Crusher (6 stamps).
Dundas	R.C. 1	(Hibbet and party)	... ...	...	...	...	...	...	8'00	...	...	...	...	...	3 15 6	
Norseman	M.A. 30	Break-o'-Day Battery	... ...	*10	...	*4	...	...		...	...	...	...	...
Do.	579, etc.	Cumberland G.M. Co., N.L.	... ...	...	...	...	...	...	...	...	...	cy. 19'37	'15	3 18 6	cy. 125 tons.	
Do.	49, etc.	Lady Mary leases	... ...	20	...	5	...	...	...	...	...	cy. 56'82	'19	3 17 6	cy. 300 tons.	
Do.	M.A. 18	Mararoa Crushing and Cyaniding Works	... ...	*10	...	4	...	...	...	...	...	{ con. 572	...	3 17 6	con. 20lbs.	
Do.	42, etc.	Mt. Benson G.M. Co., N.L.	... ...	*10	...	2	...	...	...	...	...	104'40	'42			
Do.	18, etc.	Norseman G.M.s, Ltd.	... ...	*20	*6.2	5	...	...	...	...	...	{ cy. 166'70	'11	2 19 0	cy. 1,438 tons.	
Do.	821	Northern Star	... ...	...	...	...	...	...	51'10	...	...	...	...	...		October.
Do.	106, etc.	Princess Royal G.M. Co., N.L.	... ...	30	...	5	†	...	...	1,551'00	...	{ 1,883'35	1'21	3 11 10	+ 2 being installed.	
Do.	...	State Battery	... ...	10	...	{ +4	...	...	...	...	...	{ cy. 179'75	'16	3 14 11	cy. 1,086 tons.	
Do.	88	Three Colonies	... ...	...	...	*4	...	...	...	...	...	...	...	...	...	+ Agitating.
Peninsula	129, etc.	Central Wealth Consolidated Goldfields, Ltd.	... ...	*10	...	*†1	...	...	...	...	...	...	...	...	...	+ Langley.
		From Goldfield generally—															
		Sundry parcels treated at Mararoa Crushing and Cyaniding Works	... ...	...	...	...	...	...	...	...	...	cy. 94'00	...	...	...	cy. 460 tons.
		Alluvial	... ...	...	...	...	...	...	29'25	...	...	...	...	...	...
		TOTAL	... ...	120	4	37	...	29'25	59'10	1,797'00	2,510'11	1'39				

PHILLIPS RIVER GOLDFIELD.

Harbour View	M.L. 52	Harbour View	...	...	10	...	...	...	...	296'00	177'00	'60	2 13 0	December.
Do.	M.L. 60	Red, White, & Blue	...	...	*5	...	...	...	...	832'00	978'50	1'17	3 17 10½	
Ravensthorpe	43	Gilbert Gold Mine, Ltd.	...	...	10	...	...	...	...	34'00	34'17	1'00	3 18 0	
Do.	26	James Henry	...	...	...	...	...	...	...	56'00	40'00	'71	3 17 6	December.
Do.	21	Lucy	...	...	...	...	...	...	...	...	...	...	...	Oct. + From 2½ tons copper ore.
Do.	M.L. 15	Mt. Cattlin	...	...	...	...	...	...	† 54	...	...	...	...
Do.	1	Phillips River G.M., N.L.	...	...	10	...	...	...	...	195'00	108'50	.56	4 0 0	
Do.	M.L. 50	Plantagenet	...	...	...	...	...	...	† 5'17	...	...	...	...	† 14 cwt. stone.
Do.	(3)	(Phipps and party)	...	...	...	pr 1	...	...	...	...	...	...	...	pr. 2 stamps.
Do.	W.R. 12	(Grant, C.)	...	...	5	...	...	...	...	...	...	...	...
From Goldfield generally—					Alluvial	...	...	...	80'00					
					TOTAL	40	1	80'00	5'71	1,413'00	1,338'17	'94	

DONNYBROOK GOLDFIELD.

Donnybrook ...	(106)	Aloha Nui Mill											
Do. ...	P.P.L. 11	Donnybrook Goldfields, Ltd.	...	...	...	5	b. 1	...	...	...	...	226'00	31'50
		TOTAL ...	...	...	...	5	1	...	...	...	...	226'00	31'50

GOLDFIELDS GENERALLY.

Fremantle	...		Fremantle Smelting Works, Ltd.	... {	cr. 2							
Northam	...	...	Northam Milling and Mining Co., Ltd.	*60	c. 1							
				...		*5						
			TOTAL ...	...	60	8	5					

GENERAL RETURN SHOWING, FOR EACH GOLDFIELD AND DISTRICT, THE PARTICULARS OF PLANT, THE QUANTITIES REPORTED OF ALLUVIAL, DOLILLED AND SPECIMEN GOLD, ORE TREATED AND GOLD THEREFROM, FOR THE MONTH OF JANUARY, 1903.

GOLDFIELD.	DISTRICT.	PLANT.				PRODUCTION.				Average per ton treated.
		Stamps.	Other Mills.	Leaching Vats.	Filter Presses.	Alluvial.	Dolilled and Specimens.	Ore treated.	Gold therefrom.	
Kimberley	...	25	...	...	...	ozs.	ozs.	tons.	ozs.	ozs.
Pilbara	Marble Bar	55	2	8	...	30'00	...	...	148'27	2'58
Do.	Nullagine	20	1	4	...	83'20	...	57'35	113'10	1'11
West Pilbara	...	20	2	...	...	11'47	...	102'00	503'00	1'26
Ashburton	...	...	...	...	...	4'50	...	400'00	...	...
Gascoyne	...	...	...	...	...	120'00	...	...	...	...
Peak Hill	...	60	...	8	9	...	...	...	5,133'00	3,133'40
East Murchison	...	220	8	36	...	71'02	5'00	10,456'00	8,266'74	.79
Murchison	Cue	125	1	39	...	...	...	1,340'00	1,612'73	1'20
Do.	Nannine	188	...	32	...	100'00	48'00	2,766'50	2,469'55	.89
Do.	Day Dawn	120	...	22	...	...	...	235'62	9,141'50	14,039'80
Do.	Mt. Magnet	95	1	25	...	27'95	2'80	1,060'00	988'88	.93
Yalgo	...	70	5	9	...	...	...	...	...	...
Mt. Margaret	Mt. Morgans	95	...	31	3	...	...	6,230'00	5,411'40	.86
Do.	Mt. Malcolm	256	2	77	...	...	...	8,690'00	6,969'14	.80
Do.	Mt. Margaret	181	1	60	...	1'20	1'4	5,451'90	4,111'56	.75
North Coolgardie	Menzies	163	2	53	4	8'10	15'80	3,330'50	4,358'85	1'30
Do.	Ularring	50	...	8	...	...	...	566'00	632'45	1'12
Do.	Niagara	160	1	51	...	2'07	12'70	7,158'00	5,439'35	.76
Do.	Yerilla	25	2	13	...	...	...	180'00	106'70	.59
Broad Arrow	...	240	4	41	3	56'00	...	1,221'00	1,153'20	.94
North-East Coolgardie	Kanowna	205	16	80	...	...	6'50	4,684'15	3,257'99	.69
Do.	Bulong	20	...	19	...	149'35	...	920'00	1,295'58	1'40
Do.	Kurnalpi	10	1	10	...	37'00	53'50	61'00	76'00	1'24
East Coolgardie	...	515	94	248	108	304'90	473'40	76,419'25	105,740'57	1'38
Coolgardie	Coolgardie	381	6	217	4	56'53	37'72	5,960'00	5,308'21	.89
Do.	Kunanalling	165	2	38	...	...	33'97	905'00	1,376'96	1'52
Yilgarn	...	180	6	74	1	...	...	2,400'00	780'24	.32
Dundas	...	120	4	37	...	29'25	59'10	1,797'00	2,510'11	1'39
Phillips River	...	40	1	...	...	80'00	5'71	1,413'00	1,338'17	.94
Donnybrook	...	5	1	...	...	...	...	226'00	31'50	.14
Goldfields	generally	60	3	5	...	...	...	...	...	...
	Total	3,869	166	1,245	132	1,172'54	989'96	158,069'15	181,173'45	1'14

SYNOPSIS OF THE RETURNS FROM THE GOLDFIELDS TO THE 31ST JANUARY, 1903.

Year.	Month.	Alluvial.	Dolilled and Specimens.	Ore treated.	Gold therefrom.
Previous to 1897	...	ozs.	ozs.	tons.	ozs.
1897	...	...	...	420,226'04	553,933'47
1898	...	12,353'92	6,110'69	415,424'52	624,201'27
1899	...	74,667'08	6,795'23	762,083'63	960,249'50
1900	...	50,338'48	11,212'70	1,173,436'69	1,539,211'74
1901	...	27,689'46	13,237'08	1,289,347'00	1,472,990'54
1902	...	19,915'49	11,400'92	1,572,807'96	1,810,181'91
1903	January	1,172'54	989'96	158,069'15	181,173'45
	February	...	...	...	...
	March	...	...	...	...
	April	...	...	...	...
	May	...	...	...	...
	June	...	...	...	...
	July	...	...	...	...
	August	...	...	...	...
	September	...	...	...	...
	October	...	...	...	...
	November	...	...	...	...
	December	...	...	...	...
	Total	201,969'56	70,539'75	7,680,345'11	9,228,986'08

N.B.—The following "Ounces from Unknown Tons," brought forward from years previous to 1897, are not included in the above figures:—

From	Marble Bar	...	...	...	...	ozs.
"	Peak Hill	...	...	...	...	4,551'60
"	Cue	...	...	...	...	1,072'00
"	Yerilla	...	...	...	...	275'00
"	Broad Arrow	...	...	...	...	250'00
"	Kalgoorlie	...	...	...	...	500'00
	Total	...	...	...	...	8,780'60

TOTAL PRODUCTION OF GOLD, SHOWING THE GROSS WEIGHT REPORTED TO THE MINES DEPARTMENT, ITS EQUIVALENT IN FINE GOLD, AND THE STERLING VALUE THEREOF.

Goldfield.	1903.		1902.	1901.	1900.	1899.	1898.	1897.	Previous to 1897.	Total to date.
	January.	ozs.								
Kimberley	30'00	346·40	297·06	571·15	917·15	440·17	229·30	12,734·00	15,565·23
Pilbara	356·04	12,170·46	10,264·32	16,616·85	19,291·98	14,413·79	6,825·26	28,470·56	108,409·26
West Pilbara	507·50	2,223·09	231·29	953·65	1,934·80	326·70	860·06	337·91	7,375·00
Ashburton	120·00	978·00	992·00	1,704·00	1,659·10	500·63	302·95	...	6,256·68
Gascoyne	90·00	74·00	333·77	13·50	13·55	...	524·82
Peak Hill	3,133·40	37,487·05	20,255·47	26,571·63	31,953·65	14,969·32	10,883·23	11,070·16	156,323·91
East Murchison	8,342·76	91,308·85	76,236·10	64,698·03	45,038·90	37,080·32	20,995·07	2,576·00	346,276·03
Murchison	19,525·33	210,813·86	146,591·93	105,722·31	80,548·71	79,256·39	62,316·19	140,432·28	845,207·00
Yalgoo	5,853·37	9,238·25	10,101·86	12,135·94	3,298·95	3,455·79	7,227·00	51,311·16
Mt. Margaret	16,493·44	211,308·77	190,032·15	145,688·75	79,923·72	49,717·77	22,592·09	4,992·10	720,748·79
North Coolgardie	10,576·02	185,016·58	148,305·00	106,773·97	116,968·14	72,878·88	61,362·82	26,962·85	728,844·26
Broad Arrow	1,209·20	19,675·20	34,675·44	52,433·32	48,194·38	27,726·43	14,464·54	9,129·25	207,507·76
North-East Coolgardie	4,875·92	67,108·60	63,651·70	70,745·86	112,825·45	170,441·73	40,453·10	8,975·95	539,078·31
East Coolgardie	106,518·87	1,118,615·71	991,378·20	737,970·98	860,371·72	422,391·86	296,764·11	143,828·70	4,677,840·15
Coolgardie	6,813·39	87,859·69	84,744·43	102,413·01	126,290·04	99,672·84	64,791·48	74,181·76	646,766·64
Yilgarn	780·24	23,129·69	26,587·41	29,155·42	16,371·78	11,769·40	17,072·82	94,194·60	219,061·36
Dundas	2,598·46	34,750·60	37,084·09	41,083·63	44,213·30	36,798·48	19,283·52	3,979·90	219,791·98
Phillips River	1,423·88	8,494·36	712·84	39·00	...	...	...	...	10,670·08
Donnybrook	31·50	100·73	3·86	453·10	511·49	14·65	...	...	1,115·33
Goldfields generally	126·78	146·56	1,278·90	...	...	...	1,552·24
Gross Weight	183,335·95	2,117,241·01	1,841,498·32	1,513,917·08	1,600,762·92	1,041,711·81	642,665·88	569,093·02	† 9,510,225·99
Total {	Fine Gold ...	155,379·32	1,819,308·12	1,669,072·31	1,354,343·36	1,432,035·25	931,910·66	574,925·98	509,108·04	8,446,083·04
Sterling Value*	£660,009	£7,727,930	£7,089,768	£5,752,885	£6,082,899	£3,958,505	£2,442,130	£2,162,554	£35,876,680

* Previous to 1901 at £3 16s. per oz.; 1901 at £3 17s. per oz.; 1902 at £3 18s. per oz.; 1903 at £3 12s. per oz.

† See "Explanatory," paragraph 5.

MINERALS OTHER THAN GOLD.

GENERAL RETURN OF ORE AND MINERALS, OTHER THAN GOLD, SHOWING THE QUANTITY PRODUCED AND THE VALUE THEREOF, AS REPORTED TO THE MINES DEPARTMENT FROM THE RESPECTIVE GOLDFIELDS, DISTRICTS, AND MINING DISTRICTS DURING 1903 AND PREVIOUS YEARS.

Year.	Month.	BLACK TIN.						COPPER ORE.												
		Greenbushes M.D.		Marble Bar D.		Total.		Day Dawn D.		Mt. Malcolm D.		Northampton M.D.		Phillips River Gf.		West Pilbara Gf.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
Previous to 1899 ...	...	tons. 1,590'33	£ 66,108	tons. 75'45	£ 4,419	tons. 1,665'78	£ 70,527	tons. ...	£ ...	tons. 273'00	£ 4,338	tons. 136'00	£ 2,122	tons. ...	£ ...	tons. 7,018'00	£ 55,270	tons. 7,018'00	£ 55,270
1899 ...	...	277'32	21,658	57'50	3,612	334'82	25,270	...	...	...	...	...	...	...	...	2,555'00	29,478	2,964'00	35,938
1900 ...	...	435'62	29,528	387'87	27,174	823'49	56,702	5'15	91	4,539'00	30,718	...	34'00	725	1,605'00	12,139	6,183'15	43,673	
1901 ...	...	321'84	18,852	412'98	21,148	734'32	40,000	10'50	76	7,660'00	40,738	38'50	277	1,089'14	12,918	1,162'00	15,891	9,960'14	69,900
1902 ...	...	403'21	24,680	216'35	15,103	619'56	39,783	...	...	1,954'00	6,852	...	308'25	1,238	...	...	2,262'25	8,090	
1903 ...	January ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	April	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	May	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	August	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	September	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	October	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	November	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	December	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...		3,027'82	160,826	1,150'15	71,456	4,177'97	233,282	15'65	167	14,426'00	82,646	174'50	2,399	1,431'39	14,881	12,340'00	112,778	28,387'54	2 2,871	
Year.	Month.	IRONSTONE.						LEAD ORE.		SILVER-LEAD ORE.		COAL.		LIMESTONE.						Nullagine D.
		West Pilbara Gf.		State generally.		Total.		Northampton M.D.		Ashburton Gf.		Collie River Coal M.D.		Yilgarn Gf.		State generally.		Total.		
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	
Previous to 1899 ...	...	tons. 100'00	£ 300	tons. ...	£ ...	tons. 100'00	£ 300	tons. ...	£ ...	tons. 3,508'00	£ 1,761	tons. ...	£ ...	tons. 17,593'00	£ 2,838	tons. 17,593'00	£ 2,838	carats. *	£ 24
1899 ...	...	...	...	12,852'00	8,939	12,852'00	8,939	82'75	912	54,336'00	25,951	...	...	...	...	...	...	...	...
1900 ...	...	...	...	12,251'00	9,258	12,251'00	9,258	268'00	533	118,410'10	54,835	269'85	273	15,657'00	3,321	15,926'85	3,594	...	...
1901	20,569'00	13,246	20,569'00	13,246	...	21'05	152	117,835'80	68,561	1,642'00	919	16,568'00	3,429	18,210'00	4,348
1902	4,800'00	2,040	4,800'00	2,040	...	35'85	277	140,883'90	86,188	535'00	340	4,545'35	1,000	5,080'35	1,340
1903 ...	January ...	...	...	...	...	...	...	...	...	11,188'00	6,748	9'00	11	...	...	...	9'00	11	...
Do. ...	February	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	March	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	April	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	May	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	June	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	July	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	August	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	September	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	October	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	November	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	December	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...		100'00	300	50,472'00	33,483	50,572'00	33,783	350'75	1,445	56'90	429	446,161'80	244,044	2,455'85	1,543	54,363'35	10,588	56,819'20	12,131	...
																			24	

NOTE.—As the collection of Statistics of Minerals other than Gold commenced during 1899, the total Production from the different localities can only be approximately estimated by the Customs Records, the latest available returns of which are to be found in Table XIX., pages 92-95 of the Annual Report of the Department of Mines for the year 1901. * Weight unknown.

**RETURN OF GOLD BULLION ENTERED FOR EXPORT TO THE 31ST JANUARY, 1903, SHOWING THE QUANTITY OBTAINED FROM THE RESPECTIVE GOLDFIELDS,
AND THE ESTIMATED VALUE THEREOF.**

Year.	Month.	Kimberley.	Pilbara.	a West Pilbara.	Ashburton.	b Gascoyne.	c Peak Hill.	c East Murchison.	Murchison.	d Yalgoo.	e Mt. Margaret.	f North Coolgardie.	
Previous to 1899 ..	..	ozs. 24,215·30	ozs. 134,897·05	ozs. 2,028·27	ozs. 4,290·42	ozs. 333·07	ozs. 18,846·85	ozs. 49,017·16	ozs. 413,896·63	ozs. 5,790·61	ozs. 51,952·42	ozs. 162,341·95
1899 ... ..	..	814·36	19,906·40	1,055·51	239·50	..	15,721·34	37,811·59	68,842·39	5,689·53	64,905·53	60,909·38
1900 ... ..	..	32·60	9,646·63	584·35	50·10	..	10,650·78	26,319·76	60,156·46	517·05	73,774·55	17,505·24
1901 ... ..	..	40·47	86·48	8·50	..	7·27	255·80	32,857·16	101,669·21	7·50	72,103·79	7,304·79
1902 ... ..	..	1·72	..	..	..	..	100·00	29,618·47	164,942·16	562·47	71,974·02	4,729·73
1903	January	..	2·67	..	..	..	..	2,109·55	18,218·51	..	5,777·70	65·73
	February	..	..	..	..	..	..	..	..	..	..	..
	March	..	..	..	..	..	..	..	..	..	..	..
	April	..	..	..	..	..	..	..	..	..	..	..
	May	..	..	..	..	..	..	..	..	..	..	..
	June	..	..	..	..	..	..	..	..	..	..	..
	July	..	..	..	..	..	..	..	..	..	..	..
	August	..	..	..	..	..	..	..	..	..	..	..
	September	..	..	..	..	..	..	..	..	..	..	..
	October	..	..	..	..	..	..	..	..	..	..	..
	November	..	..	..	..	..	..	..	..	..	..	..
	December	..	..	..	..	..	..	..	..	..	..	..
	Total	..	25,063·98	164,583·22	4,654·61	4,588·52	340·34	45,574·77	177,733·69	827,725·36	12,567·16	340,488·01	252,856·82

Year.	Month.	f Broad Arrow.	e North-East Coolgardie.	g East Coolgardie.	Yilgarn.	h Dundas.	i Phillips River.	j Donnybrook.	Goldfields generally.	TOTAL.			
										Quantity.	Value.*		
Previous to 1899 ..	..	ozs. 28,790·71	ozs. 162,259·49	ozs. 835,636·57	ozs. 531,104·38	ozs. 211,424·88	ozs. 56,311·19	ozs. ..	ozs. ..	ozs. 2,692,803·88	£ 10,232,654 14 10 s. d.	
1899 ... ..	..	36,020·79	64,470·28	890,566·37	113,558·84	7,734·34	44,691·32	..	309·94	1,434,570·48	5,451,367 16 6	
1900 ... ..	..	33,484·49	11,626·00	671,061·18	68,174·20	769·59	9,104·36	..	..	999,767·27	3,793,115 12 6	
1901 ... ..	..	10,275·65	7,500·90	770,154·89	10,574·47	54·23	5,970·50	..	238·21	1,019,109·82	3,923,572 16 2	
1902 ... ..	..	2,477·05	638·99	535,868·32	3,343·03	3·85	5,122·08	3,429·06	5·75	9·04	822,825·74	3,003,313 19 0
1903	January	..	56·74	343·20	73,513·72	1,156·80	..	31·70	317·93	..	101,594·25	365,739 6 0	
	February	..	..	..	..	..	..	..	..	..	..	..
	March	..	..	..	..	..	..	..	..	..	..	..
	April	..	..	..	..	..	..	..	..	..	..	..
	May	..	..	..	..	..	..	..	..	..	..	..
	June	..	..	..	..	..	..	..	..	..	..	..
	July	..	..	..	..	..	..	..	..	..	..	..
	August	..	..	..	..	..	..	..	..	..	..	..
	September	..	..	..	..	..	..	..	..	..	..	..
	October	..	..	..	..	..	..	..	..	..	..	..
	November	..	..	..	..	..	..	..	..	..	..	..
	December	..	..	..	..	..	..	..	..	..	..	..
	Total	..	111,105·43	246,898·86	3,776,801·05	727,911·72	219,986·89	121,231·15	3,746·99	315·69	6,557·18	7,070,671·44	26,775,764 5 0

* To 1900 at £3 16s. per oz.; 1901 at £3 17s. per oz.; 1902 at £3 18s. per oz.; 1903 at £3 12s. per oz.

c From 1st August, 1897

d Prior to 1st April, 1897, included with Murchison.

e Prior to 1st May, 1896, included with Coolgardie.

to which date included with Yilgarn.

h Prior to 1899 included with Yilgarn.

a. Prior to 1st May, 1898, included with Pilbara.

b. Prior to 1st March, 1899, included with Ashburton.

f From 1st September, 1897.

g. Declared 5th April, 1894.

i. Prior to 1902 included in Goldfields generally.

j. From 1st March, 1899.

**RETURN OF GOLD BULLION RECEIVED AT THE PERTH BRANCH OF THE ROYAL MINT FROM MAY, 1899, TO THE 31ST JANUARY, 1903, SHOWING THE QUANTITY OBTAINED
FROM THE RESPECTIVE GOLDFIELDS AND OTHER COUNTRIES, AND THE ACTUAL VALUE THEREOF.**

Year.	Month.	Kimberley.	Pilbara.	West Pilbara.	Ashburton.	Gascoyne.	Peak Hill.	East Murchison.	Murchison.	Yalgo.	Mt. Margaret.	North Coolgardie.	Broad Arrow.	North-East Coolgardie.	
1899	...	ozs. 308·45	ozs. 529·80	ozs. 281·80	ozs. 85·65	ozs. 16,274·00	ozs. 3,758·07	ozs. 24,675·64	ozs. 5,190·05	ozs. 16,911·54	ozs. 44,779·38	ozs. 8,503·50	ozs. 16,700·90		
1900	...	644·02	7,493·88	137·33	474·26	86·10	18,019·08	32,049·74	48,540·12	8,851·52	67,745·45	88,688·14	14,376·10	40,503·12	
1901	...	663·37	11,279·93	394·38	55·42	18·56	21,351·67	44,746·88	43,024·65	9,191·01	126,703·91	135,493·31	18,829·13	43,055·63	
1902	...	439·93	10,706·03	3,284·37	...	124·86	32,037·17	62,357·98	47,628·18	5,116·94	144,663·12	182,543·06	15,903·42	53,901·58	
1903	January	...	3,579·86	...	6·64	...	4,944·32	5,309·58	3,677·86	79·66	12,982·09	16,022·76	1,015·86	4,017·48	
	February	...	...	...	...	...	...	...	...	...	...	...	...	...
	March	...	...	...	...	...	...	...	...	...	...	...	...	...
	April	...	...	...	...	...	...	...	...	...	...	...	...	...
	May	...	...	...	...	...	...	...	...	...	...	...	...	...
	June	...	...	...	...	...	...	...	...	...	...	...	...	...
	July	...	...	...	...	...	...	...	...	...	...	...	...	...
	August	...	...	...	...	...	...	...	...	...	...	...	...	...
	September	...	...	...	...	...	...	...	...	...	...	...	...	...
	October	...	...	...	...	...	...	...	...	...	...	...	...	...
	November	...	...	...	...	...	...	...	...	...	...	...	...	...
	December	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	2,055·77	33,580·50	3,816·08	818·12	315·17	93,226·24	148,222·25	167,546·45	28,429·18	368,959·11	467,526·65	58,628·01	158,178·71

Year.	Month.	East Coolgardie.	Coolgardie.	Yilgarn.	Dundas.	†Phillips River.	Donnybrook.	Goldfields generally.	Total.				Grand Total.		
									Western Australia.		Other Countries.				
									Quantity.	Actual Value.	Quantity.	Actual Value.	Quantity.	Actual Value.	
1899	...	ozs. 33,051·33	ozs. 27,611·24	ozs. 9,070·70	ozs. 473·63	ozs. ...	ozs. 196·17	ozs. 904·39	ozs. 209,306·24	£ s. d. 762,546 11 6	ozs. 103·46	£ s. d. 336 18 3	ozs. 209,409·70	£ s. d. 762,883 9 9	
1900	...	139,845·60	51,607·26	28,648·51	31,553·20	...	265·55	1,620·93	581,182·91	2,096,213 14 2	17·49	44 15 7	581,200·40	2,096,257 9 9	
1901	...	263,514·75	78,026·07	29,433·84	32,825·75	...	4·64	1,667·79	860,280·69	3,033,311 0 4	92·25	297 5 8	860,372·94	3,033,608 6 0	
1902	...	636,536·52	94,134·17	25,373·68	31,088·91	5,146·80	67·08	2,461·98	1,354,615·78	4,791,303 18 1	16·27	38 10 2	1,354,632·05	4,791,342 8 3	
1903	January	...	44,767·32	6,926·03	2,298·51	2,487·90	644·06	39·19	116·45	108,856·57	389,390 1 4	18·72	11 17 6	108,875·29	389,401 18 10
	February	...	...	...	...	...	...	...	...	...	...	...	...	...
	March	...	...	...	...	...	...	...	...	...	...	...	...	...
	April	...	...	...	...	...	...	...	...	...	...	...	...	...
	May	...	...	...	...	...	...	...	...	...	...	...	...	...
	June	...	...	...	...	...	...	...	...	...	...	...	...	...
	July	...	...	...	...	...	...	...	...	...	...	...	...	...
	August	...	...	...	...	...	...	...	...	...	...	...	...	...
	September	...	...	...	...	...	...	...	...	...	...	...	...	...
	October	...	...	...	...	...	...	...	...	...	...	...	...	...
	November	...	...	...	...	...	...	...	...	...	...	...	...	...
	December	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	...	1,117,715·52	258,304·77	95,325·24	98,459·39	5,790·86	572·63	6,771·54	3,114,242·19	11,072,764 5 5	248·19	730 7 2	3,114,490·38	11,073,493 12 7

† Prior to 1902, included in Goldfields generally.

ROYAL MINT, PERTH BRANCH.

On 20th June, 1899, His Excellency the Governor declared the Perth Branch of the Royal Mint to be open for the receipt of gold for coinage.

Subject to the Regulations, any person may deposit gold at the Mint in his own name. Those who cannot attend personally for the purpose may send the gold by an agent, through the post, or under Police escort.

A circular can be obtained from the Deputy Master of the Mint giving all necessary information for intending depositors, conditions of the Escort Service, Coining Regulations, etc., etc.

Parcels up to 43 ounces gross may be sent through the post.

An Escort Service is provided by the Police Department for parcels of all sizes. The consignor pays for the carriage by coach or train, but the escort charges are collected by the Mint.

Forms for use in connection with gold sent to the Mint by post or under Police escort can be obtained at the Mint.

The Mint charges are as follows:—

For Assaying, Refining, and Coinage.

Gross Weight of Deposit in ounces.	Mint Charge. £ s. d.	Gross Weight of Deposit in ounces.	Mint Charge. £ s. d.	Gross Weight of Deposit in ounces.	Mint Charge. £ s. d.
Up to and including—		Up to and including—		Up to and including—	
48	0 10 0	420	4 7 6	1,500	11 9 2
50	0 10 5	430	4 9 7	1,600	12 1 2
60	0 12 6	440	4 11 8	1,700	12 14 8
70	0 14 7	450	4 13 9	1,800	13 6 2
80	0 16 8	460	4 15 10	1,900	13 19 8
90	0 18 9	470	4 17 11	2,000	14 11 8
100	1 0 10	480	5 0 0	2,100	15 4 2
110	1 2 11	490	5 2 1	2,200	15 16 8
120	1 5 0	500	5 4 2	2,300	16 9 2
130	1 7 1	520	5 6 8	2,400	17 1 8
140	1 9 2	540	5 9 2	2,500	17 14 2
150	1 11 3	560	5 11 8	2,600	18 6 8
160	1 13 4	580	5 14 2	2,700	18 19 2
170	1 15 5	600	5 16 8	2,800	19 11 8
180	1 17 6	620	5 19 2	2,900	20 4 2
190	1 19 7	640	6 1 8	3,000	20 16 8
200	2 1 8	660	6 4 2	3,100	21 9 2
210	2 3 9	680	6 6 8	3,200	22 1 8
220	2 5 10	700	6 9 2	3,300	22 14 2
230	2 7 11	720	6 11 8	3,400	23 6 8
240	2 10 0	740	6 14 2	3,500	23 19 2
250	2 12 1	760	6 16 8	3,600	24 11 8
260	2 14 2	780	6 19 2	3,700	25 4 2
270	2 16 3	800	7 1 8	3,800	25 16 8
280	2 18 4	820	7 4 2	3,900	26 9 2
290	3 0 5	840	7 6 8	4,000	27 1 8
300	3 2 6	860	7 9 2	4,100	27 14 2
310	3 4 7	880	7 11 8	4,200	28 6 8
320	3 6 8	900	7 14 2	4,300	28 19 2
330	3 8 9	920	7 16 8	4,400	29 11 8
340	3 10 10	940	7 19 2	4,500	30 4 2
350	3 12 11	960	8 1 8	4,600	30 16 8
360	3 15 0	980	8 4 2	4,700	31 9 2
370	3 17 1	1,000	8 6 8	4,800	32 1 8
380	3 19 2	1,100	8 19 2	4,900	32 14 8
390	4 1 3	1,200	9 11 8	5,000	33 6 2
400	4 3 4	1,300	10 4 2		
410	4 5 5	1,400	10 16 8		

For every additional 100ozs. the charge is increased by 12s. 6d.

NOTE.—Additional charges are collected when base metals in a deposit exceed 2 per cent. of its weight.

The following table illustrates the operation of these charges in the case of metal of the value of £3 17s. 10½d. per oz.:—

Weight of Deposit.	Rate of Charge per oz.	Amount of Charge.	Net Value of Deposit.
Ounces.	d.	£ s. d.	£ s. d.
50	2·5	0 10 5	194 3 4
100	2·5	1 0 10	388 6 8
600	2·3	5 16 8	2,330 8 4
1,000	2·0	8 6 8	3,885 8 4
5,000	1·6	33 6 8	19,435 8 4
10,000	1·5	64 11 8	38,872 18 4

GOLD ESCORT SERVICE.

Table of Rates.

From	To	Period,	Rate per Ounce.	Remarks.
Abbotts	Perth	Monthly	d. 5	
Australia United Mine	Do.	Do.	2½	Special Rate for Perth Mint only.
Burbanks	Do.	Fortnightly	0½	Do.
Coolgardie	Do.	Do.	0½	Do.
Cosmopolitan Proprietary, Ltd.	Do.	Monthly	1½	Do.
Cue	Do.	Do.	3	
Field's Find	Do.	Do.	4½	
Geraldton	Do.	Do.	2	
Kalgoorlie	Do.	Fortnightly	0½	Special Rate for Perth Mint only.
Kanowna	Do.	Do.	0½	Do.
King of the Hills	Do.	Monthly	2½	Do.
Kookynie	Do.	Do.	1½	Do.
Laverton	Do.	Do.	2½	Do.
Lawlers	Do.	Do.	{ 2½	Over 6,000ozs. Special Rate for Perth Mint only.
Leonora	Do.	Do.	1½	Special Rate for Perth Mint only.
Menzies	Do.	Do.	0½	Do.
Mt. Malcolm	Do.	Do.	1½	Do.
Mt. Morgans	Do.	Do.	2½	Do.
Mt. Sir Samuel	Do.	Do.	4½	Do.
Munara Gully	Do.	Do.	3½	
Nannine	Do.	Do.	4	
Niagara	Do.	Do.	1½	Special Rate for Perth Mint only.
Norseman	Do.	Do.	2½	Do.
Northam	Do.	Fortnightly	Nil	
Peak Hill	Do.	Monthly	{ 5½ 5 4½	2,000 ozs. to 2,500ozs. 2,500 ozs. to 3,000ozs. Over 3,000ozs.
Southern Cross	Do.	Fortnightly	Nil	1,500ozs. to 2,000ozs.
Wiluna	Do.	Monthly	{ 6½ 6 3½	Over 2,000ozs. Over 6,000ozs. Special Rate for Perth Mint only.
Yalgoo	Do.	Do.	2½	
Yerilla	Do.	Do.	1½	Special Rate for Perth Mint only.

Rates for carriage of gold on Government Railways:—

	Distance not over							
	25 miles.	50 miles.	100 miles.	150 miles.	200 miles.	250 miles.	300 miles.	350 miles.
Gold dust and bullion per 100ozs. ...	s. d. 1 0	s. d. 2 0	s. d. 3 0	s. d. 3 9	s. d. 4 6	s. d. 5 0	s. d. 5 6	s. d. 6 0

6d. per 100ozs. for every additional 50 miles.

NOTE.—A special reduction of 25 per cent. is made for all gold dust or bullion consigned to the Perth Mint.

To find the value per ounce of gold sent from a mine to the Mint.—Divide the standard gold by the weight before melting, and multiply the result by £3 17s. 10½d. For instance, supposing the Mint return to show:—

Weight before melting	...	...	...	...	Ozs.
Standard gold	...	...	...	...	38·19

The calculation would be as follows:—

4741)3819·0(·805	·805 × £3 17s. 10½d. =
3792·8	·805 × £3·894
—————	·805
26200	—————
23705	19470
—————	311520
2495	—————
	£3·134(670)
	20
	—————
	s. 2·680
	12

d. 8·160 = £3 2s. 8d., value per ounce of gold as produced from the mine.

J. F. CAMPBELL,

Deputy Master..

31st December, 1902.