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OF

WESTERN AUSTRALIA.

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[1908.]

Western Australian Goldfields.

MINING STATISTICS.

SEPTEMBER, 1908.

OUTPUT OF GOLD FOR SEPTEMBER, 1908.

FROM RETURNS FURNISHED BY H.M. CUSTOMS AND THE ROYAL MINT.

GOLDFIELD.	DISTRICT.	Gold exported.	Gold received at Mint.	TOTAL GOLD EXPORTED AND RECEIVED AT MINT.	
				District.	Goldfield.
		Fine ozs.	Fine ozs.	Fine ozs.	Fine ozs.
Kimberley ...		...	17·60	...	17·60
Pilbara ...	Marble Bar ...	...	60·36	60·36	87·13
	Nullagine ...	...	26·77	26·77	
West Pilbara ...		...	621·76	...	621·76
Ashburton ...		...	2·37	...	2·37
Gascoyne ...		...	...	...	...
Peak Hill ...		...	...	...	...
East Murchison ...	Lawlers ...	...	7,688·23	7,688·23	14,447·16
	Black Range ...	1,029·26	5,729·67	6,758·93	
	Cue ...	1,647·94	595·86	2,243·80	
Murchison ...	Nannine ...	...	3,246·61	3,246·61	12,610·23
	Day Dawn ...	1,471·24	4,626·53	6,097·77	
	Mt. Magnet ...	...	1,022·05	1,022·05	
Yalgoo ...		...	17·23	...	17·23
Mt. Margaret ...	Mt. Morgans ...	...	21·87	2,390·90	12,882·28
	Mt. Malcolm ...	1,184·76	6,454·18	7,638·94	
	Mt. Margaret ...	477·20	2,353·37	2,830·57	
North Coolgardie ...	Menzies ...	411·90	2,438·53	2,850·43	6,399·63
	Ularring ...	...	1,556·40	1,556·40	
	Niagara ...	289·69	1,703·11	1,992·80	
Broad Arrow ...	Yerilla ...	...	...	...	934·41
	...	485·25	449·16	...	
North-East Coolgardie ...	Kanowna ...	201·65	2,008·64	2,210·29	2,210·29
	Kurnalpi ...	...	...	...
East Coolgardie ...	East Coolgardie ...	19,165·74	60,219·21	79,384·95	79,384·95
	Bulong ...	...	...	...
Coolgardie ...	Coolgardie ...	...	3,125·08	3,125·08	3,125·08
	Kunanalling ...	...	...	...
Yilgarn ...		...	1,544·87	...	1,544·87
Dundas ...		...	3,923·61	...	3,923·61
Phillips River ...		...	...	...	...
State generally ...		13·56	18·70	...	32·26
	Total ...	†26,400·06	111,840·80	...	138,240·86

† In addition were exported 4,753·77 fine ozs. included in Mint Returns.

Value.—138,240·86 ozs. fine, at £4 4s. 11·45d. per oz. = £587,209 16s. 11½d.

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

Country.	Bullion.	Furnace Products.	Ore.	Total.
	Fine ozs.	Fine ozs.	Fine ozs.	Fine ozs.
United Kingdom ...	23,621·47	918·71	...	24,540·18
Victoria ...	1,859·88	...	...	1,859·88
India ...	4,753·77	...	...	4,753·77
Total ...	30,235·12	918·71	...	31,153·83

JAMES WALLACE,
Statist.H. S. KING,
Secretary for Mines.

COMPARATIVE RETURN OF GOLD BULLION ENTERED FOR EXPORT AND RECEIVED AT THE PERTH BRANCH OF THE ROYAL MINT, FROM 1ST JANUARY, 1906,
TO 30TH SEPTEMBER, 1908, SHOWING IN FINE OUNCES THE QUANTITY RECORDED EACH MONTH, AND ITS VALUE.

MONTHS AND QUARTERS.	1906.				1907.				1908.			
	EXPORT.	MINT.	TOTAL.	VALUE.	EXPORT.	MINT.	TOTAL.	VALUE.	EXPORT.	MINT.	TOTAL.	VALUE.
JANUARY	fine ozs. 40,909·09	fine ozs. 113,455·95	fine ozs. 154,365·04	£ s. d. 655,701 0 2 ³ / ₄	fine ozs. 45,337·32	fine ozs. 116,900·96	fine ozs. 162,238·28	£ s. d. 689,144 8 2 ³ / ₄	fine ozs. 35,246·82	fine ozs. 114,572·09	fine ozs. 149,818·91	£ s. d. 636,390 5 6 ³ / ₄
FEBRUARY	49,456·20	92,970·40	142,426·60	604,989 14 10	34,538·33	99,654·82	134,193·15	570,016 5 4 ³ / ₄	29,629·79	101,865·97	131,495·76	558,558 9 8 ³ / ₄
MARCH	59,373·43	96,201·19	155,574·62	660,838 19 7 ³ / ₄	33,663·00	96,062·63	129,725·63	551,039 9 0	20,476·89	108,849·37	129,326·26	549,343 0 8 ³ / ₄
<i>1st January to 31st March ...</i>	149,738·72	302,627·54	452,366·26	1,921,529 14 8	113,538·65	312,618·41	426,157·06	1,810,200 2 6 ³ / ₄	85,353·50	325,287·43	410,640·93	1,744,291 15 11 ³ / ₄
APRIL	47,759·22	104,457·26	152,216·48	646,574 10 2	38,768·04	91,317·91	130,085·95	552,569 19 10 ³ / ₄	32,497·52	113,217·14	145,714·66	618,956 10 7 ³ / ₄
MAY	47,621·59	109,399·52	157,021·11	666,983 5 7	40,448·34	105,042·78	145,491·12	618,006 19 11	34,143·82	99,811·37	133,955·19	569,005 9 7 ³ / ₄
JUNE	39,893·26	103,366·30	143,259·56	608,527 18 7 ³ / ₄	39,721 27	96,800·61	136,521·88	579,908 1 8 ³ / ₄	28,802·38	107,905·66	136,708·04	580,698 16 10 ³ / ₄
<i>1st January to 30th June ...</i>	285,012·79	619,850·62	904,863·41	3,843,615 9 0 ³ / ₄	232,476·30	605,779·71	838,256·01	3,560,685 4 0 ³ / ₄	180,797·22	646,221·60	827,018·82	3,512,952 13 0 ³ / ₄
JULY	43,764·18	106,098·07	149,862·25	636,574 7 6	26,848·64	101,706·68	128,555·32	546,068 5 9 ³ / ₄	27,365·04	106,058·47	133,423·51	566,747 0 11
AUGUST	64,657·27	92,253·07	156,910·34	666,512 15 2	41,090·45	98,051·65	139,142·10	591,038 1 5 ³ / ₄	32,904·49	103,783·24	136,687·73	580,612 11 5
SEPTEMBER	50,893·24	83,127·13	134,020·37	569,282 6 11 ³ / ₄	27,560·29	113,642·71	141,203·00	599,792 4 4 ³ / ₄	26,400·06	111,840·80	138,240·86	587,209 16 11 ³ / ₄
<i>1st January to 30th September</i>	444,327·48	901,328·89	1,345,656·37	5,715,984 18 7 ³ / ₄	327,975·68	919,180·75	1,247,156·43	5,297,583 15 8	267,466·81	967,904·11	1,235,370·92	5,247,522 2 4
OCTOBER	45,208·56	111,326·85	156,535·41	664,920 3 13 ³ / ₄	37,367·25	112,749·57	150,116·82	637,655 14 4 ³ / ₄	...	...	...	...
NOVEMBER	36,244·52	109,913·58	146,158·10	620,840 2 11	25,171·43	120,653·60	145,825·03	619,425 7 1	...	...	...	...
DECEMBER	36,470·03	109,726·69	146,196·72	621,004 3 10 ³ / ₄	41,288·78	113,166·53	154,455·31	656,084 9 1	...	...	...	...
Total	562,250·59	1,232,296·01	1,794,546·60	7,622,749 8 7	431,803·14	1,265,750·45	1,697,553·59	7,210,749 6 2³/₄	...	...	...	...

WESTERN AUSTRALIA.

Monthly Return of the EXPORT of MINERALS other than Gold, the Produce of Western Australia.

Period.	COPPER.			TIN.			SILVER.			SILVER LEAD ORE.			OTHER MINERALS.			TOTALS.		
	Inter-State.	To other countries.	Total.	Inter-State.	To other countries.	Total.	Inter-State.	To other countries.	Total.	Inter-State.	To other countries.	Total.	Inter-State.	To other countries.	Total.	Inter-State.	To other countries.	Total.
Year 1907	£ 4,271	£ 199,105	£ 203,376	£ 59,999	£ 106,140	£ 166,139	£ ...	£ 25,382	£ 25,382	£ 789	£ 1,077	£ 1,866	{ £ 1,307 £ 284 }	{ £ 16,087 £ 4,693 }	{ £ 6,394 £ 4,977 }	£ 65,650	£ 342,484	£ 480,134
1908.																		
January ...	700	5,974	6,674	3,873	2,584	6,457	...	224	224	1,170	150	1,320	...	...	...	5,743	8,932	14,675
February ...	...	5,460	5,460	2,435	1,550	3,985	...	4,341	4,341	535	264	799	...	...	...	2,970	11,615	14,585
March ...	...	6,535	6,535	2,969	4,672	7,641	...	711	711	...	900	900	...	a 122	122	2,969	12,940	15,909
April ...	...	7,061	7,061	2,950	5,210	8,160	...	4,364	4,364	700	61	761	...	...	...	3,650	16,696	20,346
May ...	...	5,949	5,949	3,018	4,450	7,468	...	172	172	1,210	...	1,210	...	{ a 287 m 10 }	297	4,228	10,868	15,096
June ...	150	2,871	3,021	5,037	4,226	9,263	...	341	341	...	1,192	1,192	...	a 566	566	5,187	9,196	14,383
July ...	160	1,507	1,667	3,668	2,031	5,699	...	4,297	4,297	...	...	...	x 128	{ a 267 t 400 }	795	3,956	8,502	12,458
August ...	165	2,228	2,393	3,912	4,160	8,072	...	358	358	...	...	...	x 166	x 708	874	4,243	7,454	11,697
September	†	3,040	3,040	†	3,769	3,769	†	140	140	†	...	...	†	x 11	11	†	6,960	6,960
October ...																		
November																		
December...																		
Total for 1908	1,175	40,625	41,800	27,862	32,652	60,514	...	14,948	14,948	3,615	2,567	6,182	294	2,371	2,665	32,946	93,163	126,109

a. Asbestos. l. Lead (lead contained in matte, lead ore, etc.) m. Mica. t. Tantalite. x. Unknown. † Figures not yet available.

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Total Output of Gold, Customs and Mint combined, from 1st January, 1886	3134	Monthly Production of Gold	3155
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EXPLANATORY.

1. In the tables, the eighteen goldfields and the four mineral fields of the State are arranged according to their geographical position, commencing, in the first instance, with Kimberley in the North, and terminating with Phillips River in the South; and in the second, with Northampton and Yandanooka in the West, and the Collie and Greenbushes in the South-West. Eight goldfields are subdivided into twenty-one 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 goldfields, mineral fields, and 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 195 and 196 allow ten days in which to declare such results, the gold production of the State cannot be ascertained under at least twenty 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 54(A.) or 55(A.), 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 196 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 tenth 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.

Gf. Goldfield.	pr. Prospecting battery.
Mf. Mineral field.	b. Ball mill.
D. District.	k. Krupp mill.
G.M.L. Gold Mining Lease.	g. Griffin mill.
M.L. Mineral Lease.	h. Huntington mill.
P.P.C. Private Property Claim.	sf. Salford mill.
P.P.L. Private Property Lease.	t. Tremain mill.
R.L. Reward Lease.	f. Flint mill.
A.T.M. Authority to mine.	o.c. Other crusher.
A.C. Alluvial Claim.	p. Puddler.
A.Q.C. Amalgamated Quartz Claim.	A. Agitating vats.
E.A.C. Extended Alluvial Claim.	V. Vacuum filters.
L.C. Lode Claim.	con. Concentrates.
R.C. Reward Claim.	cy. Cyanide process.
M.A. Machinery Area.	sd. Sands.
P.A. Prospecting Area.	sl. Slimes.
T.A. Tailings Area.	Ext. Extras (magnetings, plates, skimmings, slags, etc.).
W.R. Water Right.	* Not working.

WESTERN AUSTRALIAN GOLDFIELDS.

RETURN OF CRUSHINGS AND OTHER TREATMENTS OF ORE COMPLETED DURING THE MONTH OF SEPTEMBER, 1908.

(Reported under Regulations 195 and 196 of "The Mining Act, 1904.")

NOTE.—As inaccuracies occur in some of the returns furnished by registered lessees and holders, these figures are subject to revision, such corrections as may be necessary being shown in later Statistics, and in the Annual Report of the Department of Mines.

Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		PLANT.					PRODUCTION.			Value of Gold per ton of ore treated.	REMARKS.		
			Above Ground.	Under Ground.	Stamps.	Other Mills.	Leaching Vats.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.			Silver.	
										Fine ozs.	Fine ozs.	tons.	Fine ozs.	Fine ozs.	shillings.	
KIMBERLEY GOLDFIELD.																
Ruby Creek	61, M.A. 9	Ruby Queen...	...	...	*20											
The Brookman	141A C., } M.A. 8 }	Mt. Bradley Tunnelling Claim...	...	...	*25	*h. 1										
The Mary	M.A. 15	Mary River Works	...	...	*5											
		From Goldfield generally:— Reported by Banks and Gold Dealers	...	...						4'36						
		TOTAL	‡	...	50	1				4'36						

‡ There are at The Brookman, 4 diggers.

PILBARA GOLDFIELD.																
MARBLE BAR DISTRICT.																
Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.	PLANT.	PRODUCTION.	Value of Gold per ton of ore treated.	REMARKS.									
			Above Ground.	Under Ground.	Stamps.	Other Mills.	Leaching Vats.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.	Silver.	Fine ozs.	Fine ozs.	tons.
Bamboo Cr'k	161, etc.	Bulletin leases	...	...	*10		*3									
Do.	...	Men employed	4	4												
Lallarookh...	R.C. 112	British Exploration of Australasia, Ltd.	...	...	†		10									
Do.	...	Men employed	1	...												
Marble Bar	615, etc.	British Exploration of Australasia, Ltd.	...	...	*5											
Do.	...	Men employed	10	10												
Warrawoona	483, etc.	British Exploration of Australasia, Ltd.	...	...	10		1									
Do.	675	Britannia	...	...							11'50	17'81				
Do.	665	Imperialist	...	...							13'00	6'66				
Do.	M.A. 18	Klondyke Battery	...	...	*5											
Do.	M.A. 27	Salgash Public Crushing Works	...	...	*15											
Do.	P.A. 173	(Koye and party)	...	...							24'00	16'33				
Do.	L.C. 94	(Smith and party)	...	...							95'00	78'39				
Do.	...	Men employed	8	8												
Western Shaw	L.C. 171	(Skogsberg, J. A.)	...	...							10'90					
Wyman's Well	...	Men employed	2	3												
Yandicoogina	M.A. 26	Lady Adelaide Battery	...	...	*10		4									
Do.	...	Men employed	2	...												
		From District generally:— Reported by Banks and Gold Dealers	...	...							105'60					
		TOTAL	127	25	55		18				105'00	10'90	143'50	119'19		70'56

† In addition to the above, there are:—At Marble Bar, 3 diggers; at Talga Talga, 40 diggers; at Warrawoona, 4 diggers; at Western Shaw, 12 diggers.—Total, 59 diggers.

NULLAGINE DISTRICT.																
Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.	PLANT.	PRODUCTION.	Value of Gold per ton of ore treated.	REMARKS.									
			Above Ground.	Under Ground.	Stamps.	Other Mills.	Leaching Vats.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.	Silver.	Fine ozs.	Fine ozs.	tons.
Eastern Ck.	182L	Morning Star	...	...							25'00	97'78				
Do.	...	Men employed	14	...												
Middle Creek	106L	Barton	...	...	10		4									
Do.	...	Men employed	7	9												
Mosquito Ck.	95L	Parnell	...	...	†10		†4									
Do.	...	Men employed	...	...										
Do.	M.A. 6L	Royer's Public Crushing Syndicate	...	...	*10											
Do.	...	Men employed	8	13												
Nullagine	M.A. 10L	(Enterprise)	...	...		pr.1	3									
Do.	...	Men employed	8	8												
20-mile Sandy	173L	Federation	...	...							32'25	109'44				
Do.	L.C. 384L	(Clark, J.)	...	...							4'50	13'91				
Do.	A9718	State Battery	...	...	10		3									
Do.	...	Men employed	9	8												
		From District generally:— Sundry parcels treated at: Enterprise Works... Reported by Banks and Gold Dealers	...	...							43'89			20'83		sd. 200 tons.
		TOTAL	146	38	40	1	14				43'89	61'75	241'96			

† In addition to the above, there are:—At Eastern Creek, 2 diggers; at Lindon's, 6 diggers; at Nullagine, 18 diggers.—Total, 26 diggers.

SEPTEMBER GOLD YIELD—continued.

Main gold yield table for Mount Margaret Goldfield. Columns include Mining Centre, Number of Lease, Registered Name of Company, Men Employed (Above/Under Ground), Plant (Stamps, Other Mills, Leaching Vats, Filter Presses), Production (Ore treated, Gold therefrom, Silver), and Value of Gold per ton of ore treated. Sub-headers for Mount Margaret Goldfield and Mount Malcolm District are included.

‡ In addition to the above, there are:—At Diorite King, 3 diggers; at Leonora, 7 diggers; at Malcolm, 2 diggers; at Mertondale, 5 diggers; at Mt. Clifford, 3 diggers; at Randwick, 5 diggers; at Webster's Find, 1 digger.—Total, 26 diggers

Detailed gold yield table for Mount Margaret District. Columns include Mining Centre, Number of Lease, Registered Name of Company, Men Employed, Plant, Production, and Value of Gold. Lists numerous mining operations such as Burtville, Erlistoun, Euro, Laverton, and Comet Vale.

‡ In addition to the above, there are:—At Burtville, 10 diggers; at Erlistoun, 10 diggers; at Laverton, 20 diggers.—Total, 40 diggers.

NORTH COOLGARDIE GOLDFIELD.

MENZIES DISTRICT.

Gold yield table for North Coolgardie Goldfield, Menzies District. Columns include Mining Centre, Number of Lease, Registered Name of Company, Men Employed, Plant, Production, and Value of Gold. Lists mining operations like Comet Vale, Goongarrie, and various Menzies sites.

SEPTEMBER GOLD YIELD—continued.

Main table for North Coolgardie Goldfield - continued. Includes sections for Menzies District and Mt. Ida, with columns for Mining Centre, Lease, Registered Name of Company, Men Employed (Above/Under Ground), Plant (Stamps, Other Mills, Leaching Vats, Filter Presses), Production (Alluvial, Dollied and Specimens, Ore treated, Gold therefrom, Silver), Value of Gold per ton of ore treated, and Remarks.

† In addition to the above, there are:—At Goongarrie, 3 diggers; at Menzies, 3 diggers.—Total, 6 diggers.

Table for Ularring District, including columns for Mining Centre, Lease, Registered Name of Company, Men Employed, Plant, Production, Value of Gold per ton of ore treated, and Remarks.

† In addition to the above there are:—At Davyhurst, 20 diggers; at Mulline, 10 diggers; at Mulwarrie, 5 diggers; at Ularring, 5 diggers.—Total 40 diggers.

Table for Niagara District, including columns for Mining Centre, Lease, Registered Name of Company, Men Employed, Plant, Production, Value of Gold per ton of ore treated, and Remarks.

SEPTEMBER GOLD YIELD—continued.

Table with columns: Mining Centre, Number of Lease, Claim, or Area, REGISTERED NAME OF COMPANY OR LEASE, MEN EMPLOYED (Above Ground, Under Ground), PLANT (Stamps, Other Mills, Leaching Vats, Filter Presses), PRODUCTION (Alluvial, Dollied and Specimens, Ore treated, Gold therefrom, Silver), Value of Gold per ton of ore treated, and REMARKS. Includes sub-section 'BROAD ARROW GOLDFIELD—continued.' with entries for Carnage, Paddington, Siberia, etc.

† In addition to the above there are:—At Bardoc, 6 diggers; at Black Flag, 4 diggers; at Broad Arrow, 20 diggers; at Paddington, 15 diggers; at Siberia, 30 diggers.—Total, 75 diggers.

NORTH-EAST COOLGARDIE GOLDFIELD.

KANOWNA DISTRICT.

Table with columns: Mining Centre, Lease/Claim/Area, Company/Lease, Men Employed, Plant, Production, Value of Gold per ton, and Remarks. Includes entries for Gambier, Gindalbie, Kanowna, and Mulgarrie.

SEPTEMBER GOLD YIELD—continued.

Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		PLANT.					PRODUCTION.			Value of Gold per ton of ore treated.	REMARKS.		
			Above Ground.	Under Ground.	Stamps.	Other Mills.	Leaching Vats.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.			Silver.	
										Fine ozs.	Fine ozs.	tons.	Fine ozs.	Fine ozs.	shillings.	
PHILLIPS RIVER GOLDFIELD.																
Kundip ...	M.L. 184	Christmas Gift ...	...	...	...	...	...	...	...	...	...	...	7.23	...	...	COPPER ORE.
Do. ...	132	Charmion ...	...	...	...	...	...	...	...	...	...	16.00	6.02	...	...	8.03 tons.
Do. ...	136, etc.	Flag Gold and Copper Mining Co., Ltd.	...	...	5	...	...	...	...	...	...	...	65.64	...	...	71.11 tons.
Do. ...	{ 65, 79, } T.A. 3 }	Gem leases ...	...	...	...	5	...	...	...	...	...	...	...	...	...	...
Do. ...	M Ls. 52, 94	Harbour View leases	...	...	...	10	...	...	...	...	...	...	...	...	...	...
Do. ...	98	Hillsborough	...	...	...	...	...	...	...	...	...	...	66.72	...	...	30.83 tons.
Do. ...	106	Stowaway ...	...	...	...	10	...	...	...	...	...	15.50	7.44	...	...	...
Do. ...	74	Two Boys ...	...	...	...	...	...	...	...	...	...	160.00	110.48	...	...	...
Do. ...	...	Men employed	...	28	30	...	...	...	...	...	...	...	...	...	...	...
Mount Desmond	M.L. 275	Ironclad ...	...	...	...	...	...	...	...	...	...	...	5.04	...	...	21.50 tons.
Do. ...	257	Thistle and Shamrock	...	...	...	...	...	...	...	...	...	...	2.15	...	...	26.53 tons.
Mount Purchas	W.R. 19	Mount Purchas Prospecting Plant	...	...	...	...	*pr. 1	...	...	...	...	...	...	...	...	...
Do. ...	...	Men employed	...	2	2	...	...	...	...	...	...	...	...	...	...	...
Ravensthorpe	134	Annabelle ...	...	...	...	10	...	...	...	...	...	...	1.59	...	...	Est.
Do. ...	82	Gilbert Gold Mines, Ltd.	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Do. ...	...	Men employed	...	4	4	...	...	...	...	...	...	...	...	...	...	...
TOTAL ...			...	34	36	40	1	...	...	...	...	191.50	272.31	...	120.80	...

‡ In addition to the above there are at Kundip, 4 diggers.

GENERAL RETURN SHOWING FOR EACH GOLDFIELD AND DISTRICT, MEN EMPLOYED, PARTICULARS OF PLANT, PRODUCTION in fine ounces OF ALLUVIAL, DOLLIED AND SPECIMEN GOLD; AND THE QUANTITIES OF ORE TREATED AND FINE GOLD THEREFROM, FOR THE MONTH OF SEPTEMBER, 1908, WITH THE FINE SILVER REPORTED DURING THE THIRD QUARTER OF 1908.

GOLDFIELD.	DISTRICT.	MEN EMPLOYED.		Diggers.	PLANT.				PRODUCTION.					Value of gold per ton of ore treated.		
		Above Ground.	Under Ground.		Stamps.	Other Mills.	Leaching Vats.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.	Gold from all sources.		Fine Silver. (Quarterly.)	
Kimberley				4	50	1			fine ozs. 4.36	fine ozs. ...	tons (2,240lbs.) ...	fine ozs. ...	fine ozs. 4.36	fine ozs. ...	shillings. ...	
Pilbara	Marble Bar	27	25	59	55		18		105.00	10.90	143.50	119.19	235.09		70.56	
Do.	Nullagine	46	38	26	40	1	14		43.89		61.75	241.96	235.85			
W. Pilbara		19	14	31	30	1			71.76	34.37	16.00	7.42	113.55		39.40	
Ashburton				6					14.59				14.59			
Gascoyne																
Peak Hill		57	40	12	40	2	11	9	5.06		4,470.00	596.00	601.06	78.00	11.32	
E. Murchison	Lawlers	451	454	46	240	1	93	12	17.18		18,915.68	6,294.68	6,311.86	794.78	28.27	
Do.	Black Range	315	522	72	85	1	45	1		10.35	8,121.50	7,056.22	7,066.57	.09	73.81	
Murchison	Cue	141	209	10	115	1	50			43.23	2,347.50	2,473.42	2,516.65	9.00	89.50	
Do.	Nannine	152	194	103	174	2	78	1	66.58	86.88	3,740.00	2,829.79	2,983.25	85.00	64.28	
Do.	Day Dawn	323	380	16	155		56	6	5.77	3.44	20,104.00	6,652.89	6,662.10	3,141.78	28.26	
Do.	Mt. Magnet	92	70	2	85	2	37	1	3.62	52.49	2,176.00	851.24	907.35		33.23	
Yalgoo		14	14	1	90	1	19				74.00	26.50	26.50		30.42	
Mt. Margaret	Mt. Morgans	161	217	50	170		88	3	20.56		6,297.25	2,088.20	2,108.76		28.17	
Do.	Mt. Malcolm	396	572	26	265	2	115	4		26.22	15,481.00	6,553.84	6,580.06	1,119.79	35.96	
Do.	Mt. Margaret	210	230	40	178	5	67	6			3,088.50	1,998.45	1,998.45	205.07	54.97	
North Coolgardie	Menzies	244	400	6	161		71	3			3.62	5,405.50	4,184.81	4,188.43	76.71	65.77
Do.	Ularring	114	227	40	75		87	2			23.84	1,271.50	1,202.63	1,226.47	1.93	80.35
Do.	Niagara	145	158	20	105		70	3	6.49		2,577.00	1,854.82	1,861.31	17.37	61.14	
Do.	Yerilla	184	182	32	77	3	54				1,391.00	906.87	906.87		45.38	
Broad Arrow		108	117	75	150	3	61		45.21	6.64	2,935.25	1,750.37	1,802.22		50.66	
North-East Coolgardie	Kanowna	143	270	67	133	4	68	2	36.05	114.34	4,262.50	1,991.97	2,142.36	19.00	39.70	
Do.	Kurnalpi	12	16	19	5	2			10.15		15.00	45.60	55.75			
East Coolgardie	East Coolgardie	2,461	2,623	50	695	112	461	139	486.51	124.96	143,928.20	77,149.00	77,760.47	26,537.66	45.52	
Do.	Bulong	24	46	25	45	1	6			15.60	129.00	51.99	67.59		34.24	
Coolgardie	Coolgardie	260	423	29	304		129	2		22.07	3,216.50	2,131.85	2,153.92	24.49	55.98	
Do.	Kunanalling	68	119	37	95		54				671.50	541.48	541.48		68.50	
Yilgarn		189	152		130		77	2			5,114.00	1,982.57	1,982.57	278.91	32.92	
Dundas		151	199	11	110	2	66	3	57	173.12	4,090.00	2,400.42	2,574.11	3,886.06	49.86	
Phillips River		34	36	4	40	1					191.50	272.31	272.31		120.80	
State generally							4									
Total		6,541	7,947	919	3,897	152	1,895	199	943.35	752.07	260,235.13	134,256.49	135,951.91	36,275.64	43.83	

COMPARATIVE SUMMARY OF AVERAGE NUMBER OF MEN EMPLOYED AND DIGGERS ENGAGED IN MINING.

Mineral.	1906.				1907.				1908-3rd Quarter.			
	Men employed.			Diggers.	Men employed.			Diggers.	Men employed.			Diggers.
	Above.	Under.	Total.		Above.	Under.	Total.		Above.	Under.	Total.	
Gold	7,444	9,164	16,608	1,318	7,113	8,945	16,058	1,179	6,541	7,947	14,488	919
Tin	764	126	890		362	195	557	446	238	28	266	317
Copper	118	178	296		296	315	611		99	106	205	
Coal	71	236	307		74	179	253		76	206	282	
Asbestos									8	7	15	
Tantalite	10		10									
Lead					5	3	8		3	2	5	
Silver Lead												
Limestone					1		1					
Total	8,407	9,704	18,111	1,318	7,851	9,637	17,488	1,625	6,965	8,296	15,261	1,236

1908.

MONTHLY PRODUCTION OF GOLD, IN FINE OUNCES SHOWING THE QUANTITY REPORTED TO THE MINES DEPARTMENT AND THE STERLING VALUE THEREOF.

GOLDFIELD.	DISTRICT.	JANUARY.		FEBRUARY.		MARCH.		APRIL.		MAY.		JUNE.		* TOTAL.	
		District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.
		ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.
Kimberley ...	...	...	17.42	...	21.76	...	8.71	...	6.97	...	6.97	...	65.68	...	127.51
Pilbara ...	Marble Bar ...	707.44	932.30	282.70	503.76	84.75	218.55	119.83	173.85	...	135.42	770.79	906.24	1,965.51	2,870.12
Do. ...	Nullagine ...	224.86		221.06		133.80		54.02		135.42		135.45			
West Pilbara ...	...	...	15.30	...	30.48	...	76.92	...	103.93	...	75.49	...	90.14	...	392.26
Ashburton ...	...	...	10.17	...	14.12	...	9.79	...	7.34	...	4.90	...	7.35	...	53.67
Gascoyne ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peak Hill ...	...	...	1,011.85	...	609.87	...	696.28	...	...	...	707.90	...	851.62	...	3,877.52
East Murchison ...	Lawlers ...	4,828.36	11,043.66	5,009.96	11,135.85	5,216.03	11,015.95	4,990.79	10,443.74	5,874.80	13,428.56	5,623.00	10,829.63	31,542.94	67,897.39
Do. ...	Black Range ...	6,215.30		6,125.89		5,799.92		5,452.95		7,553.76		5,206.63			
Murchison ...	Cue ...	1,825.56	12,995.13	1,787.83	14,623.99	2,169.05	14,001.14	2,087.30	13,156.24	854.55	11,843.73	2,643.41	13,905.33	11,317.70	80,525.56
Do. ...	Nannine ...	2,739.22		4,006.15		2,627.74		1,878.20		2,073.63		1,923.72			
Do. ...	Day Dawn ...	8,272.18	1,011.85	8,493.39	25.80	8,531.71	20.27	8,363.78	25.25	8,401.47	5.41	8,705.98	21.24	50,768.51	240.81
Do. ...	Mt. Magnet ...	158.17		336.62		672.64		876.96		514.08		632.22			
Yalgoo ...	...	...	142.84	...	25.80	...	20.27	...	25.25	...	5.41	...	21.24	...	240.81
Mt. Margaret ...	Mt. Morgans ...	1,733.20	12,051.14	2,635.56	15,176.66	2,957.04	14,355.14	1,972.02	15,737.35	2,562.60	13,388.36	2,555.44	14,166.58	14,415.86	84,875.23
Do. ...	Mt. Malcolm ...	7,163.75		8,135.34		7,706.77		6,792.20		7,287.53		7,080.30			
Do. ...	Mt. Margaret ...	3,154.19	5,215.15	4,405.76	5,855.72	3,691.33	7,930.74	6,973.13	5,852.26	3,538.23	8,876.61	4,530.84	9,029.34	26,293.48	42,759.82
North Coolgardie ...	Menzies ...	2,197.52		2,535.41		3,553.04		2,300.96		3,941.77		3,321.35			
Do. ...	Ularring ...	1,970.09	67.31	1,577.86	734.00	1,630.85	708.31	1,322.89	873.81	1,641.26	891.46	1,559.93	1,431.01	9,702.88	7,660.81
Do. ...	Niagara ...	980.23		1,008.45		2,038.54		1,626.76		2,419.77		2,259.32			
Do. ...	Yerilla ...	67.31	820.40	734.00	1,092.65	708.31	1,892.83	601.65	1,532.46	873.81	891.46	1,888.74	1,431.01	4,873.82	7,660.81
Broad Arrow	
N.E. Coolgardie ...	Kanowna ...	1,621.79	1,657.10	2,272.03	2,350.98	2,208.80	2,257.45	2,835.87	2,863.15	2,541.38	2,559.74	2,054.68	2,088.04	13,534.55	13,776.46
Do. ...	Kurnalpi ...	35.31		78.95		48.65		27.28		18.36		33.36			
East Coolgardie ...	East Coolgardie ...	73,099.21	73,156.61	71,476.32	71,688.69	73,491.23	73,545.51	72,444.43	72,641.48	74,338.25	74,659.94	73,984.88	74,355.94	438,834.32	440,048.17
Do. ...	Bulong ...	57.40		212.37		54.28		197.05		321.69		371.06			
Coolgardie ...	Coolgardie ...	2,508.57	3,602.73	2,388.29	3,023.82	2,313.20	2,774.87	3,181.13	3,857.48	2,363.82	3,304.00	2,845.50	3,337.25	15,600.51	19,900.15
Do. ...	Kunanalling ...	1,094.16		635.53		461.67		676.35		940.18		491.75			
Yilgarn ...	...	...	1,881.20	...	2,131.73	...	1,566.48	...	1,073.18	...	2,163.56	...	1,560.49	...	10,376.64
Dundas ...	...	...	1,762.53	...	1,840.70	...	2,374.53	...	1,971.30	...	2,586.70	...	2,069.58	...	12,605.34
Phillips River ...	...	...	253.99	...	307.37	...	237.33	...	224.46	...	504.06	...	272.02	...	1,799.23
State generally ...	...	...	26.37	...	124.33	...	17.11	...	20.40	...	21.72	...	...	...	209.93
TOTAL	Fine ounces ...	...	126,595.89	...	130,558.28	...	132,999.60	...	129,690.84	...	135,164.53	...	134,987.48	...	789,996.62
	Sterling value	£537,745	£554,576	£564,947	£550,892	£574,143	£573,390	£3,355,693							

* To 30th June.

1908.

MONTHLY PRODUCTION OF GOLD, IN FINE OUNCES—continued.

GOLDFIELD.	DISTRICT.	JULY.		AUGUST.		SEPTEMBER.		OCTOBER.		NOVEMBER.		DECEMBER.		* TOTAL.	
		District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.
Kimberley ...	...	...	4 36	...	2 61	...	4 36	...	...	...	...	...	...	...	138 84
Pilbara ...	Marble Bar ...	198 92	} 960 07	106 17	} 687 91	235 09	} 520 94	...	...	...	...	...	...	2,505 69	} 5,039 04
Do. ...	Nullagine ...	761 15		581 74		285 85		...	...	...	2,533 35				
West Pilbara ...	...	...	...	...	231 01	...	113 55	...	...	...	...	...	...	...	736 82
Ashburton ...	...	...	17 14	...	7 34	...	14 59	...	...	...	...	...	...	...	92 74
Gascoyne ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peak Hill ...	...	...	815 17	...	684 78	...	601 06	...	...	...	...	...	...	...	5,978 53
East Murchison ...	Lawlers ...	6,261 95	} 12,043 12	9,249 64	} 14,795 00	6,311 86	} 13,378 43	...	...	...	...	...	...	53,366 39	} 108,113 94
Do. ...	Black Range	5,781 17		5,545 36		7,066 57		...	...	54,747 55					
Murchison ...	Cue ...	1,496 01	} 13,758 02	2,612 14	} 13,358 61	2,516 65	} 13,069 35	...	...	...	...	...	...	17,942 50	} 120,711 54
Do. ...	Nannine ...	4,744 83		2,738 91		2,983 25		...	...	25,715 65					
Do. ...	Day Dawn ...	6,651 22	} 865 96	6,847 09	} 1,160 47	6,662 10	} 907 35	...	...	...	...	...	...	70,928 92	} 6,124 47
Do. ...	Mt. Magnet ...	865 96		1,160 47		907 35		...	...	6,124 47					
Yalgoo ...	...	...	11 29	...	14 92	...	26 50	...	...	...	...	...	...	...	293 52
Mt. Margaret ...	Mt. Morgans	2,771 22	} 13,057 46	2,535 24	} 11,615 07	2,108 76	} 10,687 27	...	...	...	...	...	...	21,831 08	} 120,235 03
Do. ...	Mt. Malcolm	7,503 26		6,741 58		6,580 06		...	...	64,990 79					
Do. ...	Mt. Margaret	2,782 98	} 3,603 11	2,338 25	} 2,697 38	1,998 45	} 4,188 43	...	...	...	...	...	...	33,413 16	} 28,338 97
North Coolgardie...	Menzies ...	3,603 11		2,697 38		4,188 43		...	...	15,485 34					
Do. ...	Ularring ...	2,057 95	} 8,305 29	2,498 04	} 7,656 64	1,226 47	} 8,183 08	...	...	...	...	...	...	15,485 34	} 66,904 83
Do. ...	Niagara ...	1,815 80		1,852 54		1,861 31		...	...	15,862 72					
Do. ...	Yerilla ...	828 43	} 2,094 75	608 68	} 1,593 11	906 87	} 1,802 22	...	...	...	...	...	...	7,217 80	} 13,150 89
Broad Arrow	
N.E. Coolgardie ...	Kanowna ...	2,263 33	} 2,322 94	1,970 77	} 2,002 84	2,142 36	} 2,198 11	...	...	...	...	...	...	19,911 01	} 20,300 35
Do. ...	Kurnalpi ...	59 61		32 07		55 75		...	...	339 34					
East Coolgardie ...	East Coolgardie	65,530 95	} 65,743 58	76,057 65	} 76,394 66	77,760 47	} 77,828 06	...	...	...	...	...	...	658,183 39	} 660,014 47
Do. ...	Bulong ...	212 63		337 01		67 59		...	...	1,831 08					
Coolgardie ...	Coolgardie ...	3,465 73	} 3,773 78	2,829 89	} 3,290 77	2,153 92	} 2,695 40	...	...	...	...	...	...	24,050 05	} 29,660 10
Do. ...	Kunanalling	308 05		460 88		541 48		...	...	5,610 05					
Yilgarn ...	...	...	2,352 22	...	2,747 16	...	1,982 57	...	...	...	...	...	...	...	17,458 59
Dundas ...	...	...	2,711 07	...	2,923 22	...	2,574 11	...	...	...	...	...	...	...	20,813 74
Phillips River ...	...	...	265 47	...	683 32	...	272 31	...	...	...	...	...	...	...	3,020 33
Donnybrook ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
State generally ...	...	...	61 20	...	...	...	...	...	...	...	...	...	...	...	271 13
TOTAL	Fine ounces ...	...	128,296 93	...	138,688 97	...	135,951 91	...	...	...	...	...	...	...	1,192,934 43
	Sterling value	£544,971	£589,013.	£577,487	...	...	...	...	£5,067,164						

* To 30th September.

TOTAL PRODUCTION OF GOLD, IN FINE OUNCES, AS REPORTED TO THE MINES DEPARTMENT, TO 30TH SEPTEMBER, 1908.

GOLDFIELD.	DISTRICT.	* 1908.		1907.		1906.		1905.		1904.		1903.	
		District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.
Kimberley ...	...	...	138 84	...	336 57	...	165 72	...	496 14	...	205 84	...	644 54
Pilbara ...	Marble Bar ...	2,505 69 }	5,039 04	5,856 44 }	10,042 96	2,256 97 }	5,711 90	4,534 25 }	11,473 83	3,129 37 }	8,029 65	4,787 33 }	9,570 04
Do. ...	Nullagine ...	2,533 35 }		4,186 52 }		3,454 93 }		6,939 58 }		4,900 28 }		4,782 71 }	
West Pilbara ...	...	...	736 82	...	464 08	...	749 16	...	801 14	...	3,427 71	...	5,100 48
Ashburton ...	...	...	92 74	...	143 01	...	278 24	...	207 53	...	509 96	...	903 94
Gascoyne ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peak Hill ...	...	...	5,978 53	...	8,111 14	...	2,008 20	...	13,586 87	...	14,113 57	...	31,750 17
East Murchison ...	Lawlers ...	53,366 39 }	108,113 94	61,259 79 }	119,207 31	60,351 20 }	95,771 49	68,232 52 }	84,926 28	78,543 91 }	89,730 30	84,738 16 }	85,451 08
Do. ...	Black Range ...	54,747 55 }		57,947 52 }		35,420 29 }		16,693 76 }		11,186 39 }		712 92 }	
Murchison ...	Cue ...	17,942 50 }	120,711 54	25,878 80 }	169,397 46	18,337 11 }	182,395 82	15,125 05 }	206,734 88	15,286 71 }	214,403 13	20,688 78 }	204,181 85
Do. ...	Nannine ...	25,715 65 }		31,792 41 }		18,549 17 }		18,668 31 }		19,947 48 }			
Do. ...	Day Dawn ...	70,928 92 }	120,711 54	101,591 06 }	169,397 46	124,047 58 }	182,395 82	161,507 28 }	206,734 88	161,163 51 }	214,403 13	136,768 68 }	204,181 85
Do. ...	Mt. Magnet ...	6,124 47 }		10,135 19 }		13,439 05 }		11,563 38 }		19,284 60 }		26,776 91 }	
Yalgoo ...	...	...	293 52	...	4,371 38	...	4,450 19	...	4,742 77	...	2,353 41	...	3,138 35
Mt. Margaret ...	Mt. Morgans ...	21,831 08 }	120,235 03	28,755 18 }	169,466 07	30,206 54 }	166,258 94	35,130 45 }	188,712 21	55,463 96 }	187,383 87	64,817 55 }	184,590 89
Do. ...	Mt. Malcolm ...	64,990 79 }		81,709 00 }		94,095 06 }		96,644 33 }		87,927 26 }		80,055 86 }	
Do. ...	Mt. Margaret ...	33,413 16 }	120,235 03	59,001 89 }	169,466 07	41,957 34 }	166,258 94	56,937 43 }	188,712 21	43,992 65 }	187,383 87	39,717 48 }	184,590 89
North Coolgardie ...	Menzies ...	28,338 97 }		37,053 24 }		33,237 86 }		41,895 33 }		37,100 73 }		52,870 58 }	
Do. ...	Ularriing ...	15,485 34 }	66,904 83	19,072 73 }	86,790 67	25,210 13 }	110,957 04	43,387 07 }	148,771 00	21,769 41 }	145,064 61	19,142 55 }	162,139 18
Do. ...	Niagara ...	15,862 72 }		18,881 94 }		37,418 89 }		45,520 17 }		67,230 33 }		77,013 02 }	
Do. ...	Yerilla ...	7,217 80 }	66,904 83	11,782 76 }	86,790 67	15,090 16 }	110,957 04	17,968 43 }	148,771 00	18,964 14 }	145,064 61	13,113 03 }	162,139 18
Broad Arrow	
N.E. Coolgardie ...	Kanowna ...	19,911 01 }	13,150 89	29,244 99 }	21,907 18	37,267 87 }	21,510 61	42,341 66 }	18,583 66	38,648 56 }	22,180 19	40,554 03 }	26,021 17
Do. ...	Kurnalpi ...	389 34 }		1,952 97 }		830 87 }		43,174 38 }		1,151 07 }		724 99 }	
East Coolgardie ...	East Coolgardie ...	658,183 39 }	20,300 35	937,238 61 }	31,197 96	989,357 24 }	38,098 74	997,193 02 }	43,174 38	1,050,922 89 }	39,799 63	1,062,898 06 }	41,279 02
Do. ...	Bulong ...	1,831 08 }		3,932 33 }		6,474 63 }		9,772 88 }		11,155 38 }		13,180 06 }	
Coolgardie ...	Coolgardie ...	24,050 05 }	660,014 47	53,029 44 }	941,170 94	55,771 11 }	995,831 87	54,499 04 }	1,006,965 90	53,505 01 }	1,062,073 27	58,692 50 }	1,076,078 12
Do. ...	Kunanalling ...	5,610 05 }		7,780 93 }		8,259 07 }		9,165 23 }		9,694 75 }		12,593 09 }	
Yilgarn ...	...	...	17,458 59	...	19,291 98	...	23,546 75	...	19,291 42	...	25,508 64	...	19,276 71
Dundas ...	...	...	20,813 74	...	23,602 23	...	20,434 84	...	25,960 95	...	31,830 27	...	33,845 76
Phillips River ...	...	...	3,020 33	...	4,313 87	...	2,779 89	...	2,563 26	...	4,016 63	...	7,050 73
Donnybrook ...	...	...	...	...	...	...	...	...	...	...	...	...	53 21
State generally ...	...	...	271 13	...	1,367 70	...	1,315 71	...	...	...	...	...	...
TOTAL	Fine Ounces ...	...	1,192,934 43	...	1,671,992 88	...	1,736,295 29	...	1,840,656 49	...	1,913,835 44	...	1,962,360 83
	Sterling Value	...	£5,067,164	...	£7,102,174	...	£7,375,314	...	£7,818,612	...	£8,129,456	...	£8,335,579

* To 30th September.

TOTAL PRODUCTION OF GOLD, IN FINE OUNCES, ETC.—continued.

GOLDFIELD.	DISTRICT.	1902.		1901.		1900.		1899.		PREVIOUS TO 1899.		* TOTAL TO DATE.	
		District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.	District.	Goldfield.
Kimberley ...	...	...	301.71	...	262.25	...	504.21	...	804.06	...	12,298.42	...	16,158.30
Pilbara ...	Marble Bar ...	4,501.02	10,602.12	3,636.77	9,072.45	10,168.33	14,507.02	11,856.46	17,357.03	35,352.07	40,839.98	88,584.70	142,246.02
Do. ...	Nullagine ...	6,101.10		5,435.68		4,338.69		5,500.57		5,487.91		53,661.32	
West Pilbara ...	...	...	1,910.42	...	198.73	...	779.48	...	1,689.63	...	1,350.94	...	17,208.59
Ashburton ...	...	...	926.66	...	938.04	...	1,493.56	...	1,572.00	...	751.38	...	7,817.06
Gascoyne ...	...	...	...	...	85.10	...	64.86	...	330.63	...	24.68	...	505.27
Peak Hill ...	...	...	35,297.81	...	18,607.23	...	25,175.67	...	30,582.24	...	35,246.08	...	220,457.51
East Murchison ...	Lawlers ...	75,687.91	75,880.05	65,342.19	65,356.03	56,340.31	56,431.96	38,665.04	38,727.41	53,203.37	53,216.79	695,730.79	872,812.64
Do. ...	Black Range ...	192.14		13.84		91.65		62.37		13.42			
Murchison ...	Cue ...	21,016.82	172,914.32	18,755.54	123,865.85	18,383.98	93,833.87	21,869.47	71,209.25	63,391.83	251,186.07	256,676.59	1,810,834.04
Do. ...	Nannine ...	19,329.49		17,690.99		25,913.18		16,301.86		46,426.57			
Do. ...	Day Dawn ...	102,030.80		57,867.95		12,413.87		11,331.86		80,561.43			
Do. ...	Mt. Magnet ...	30,537.21		29,551.37		37,122.84		21,706.06		60,806.24			
Yalgoo ...	...	...	5,198.89	...	8,351.30	...	8,794.00	...	10,572.38	...	12,360.82	...	64,627.01
Mt. Margaret ...	Mt. Morgans ...	54,019.40	187,265.81	44,290.60	165,434.40	38,781.48	126,955.40	23,945.34	71,148.01	21,023.38	65,777.32	418,264.96	1,633,227.95
Do. ...	Mt. Malcolm ...	75,691.81		81,786.28		70,373.52		38,000.23		39,949.54			
Do. ...	Mt. Margaret ...	57,554.60		39,357.52		17,800.40		9,202.44		4,804.40			
North Coolgardie ...	Menzies ...	50,168.26	154,238.37	51,568.02	121,974.00	47,103.26	91,388.29	58,536.52	100,631.51	113,696.08	137,248.10	551,568.85	1,326,107.60
Do. ...	Ullaring... ..	25,766.96		17,821.18		11,641.47		10,199.16		4,374.54			
Do. ...	Niagara ...	69,877.50		42,146.08		25,013.63		22,703.15		8,805.64			
Do. ...	Yerilla ...	8,425.65		10,438.72		7,629.93		9,192.68		10,371.84			
Broad Arrow ...	...	...	17,092.95	...	29,835.18	...	43,433.91	...	40,615.81	...	45,881.82	...	300,268.37
N.E. Coolgardie ...	Kanowna ...	39,497.86	40,777.95	35,318.30	38,138.17	38,127.32	41,355.01	63,881.85	67,376.85	171,692.64	173,897.85	556,486.09	575,395.91
Do. ...	Kurnalpi ...	1,280.09		2,819.87		3,227.69		3,495.00		2,205.21			
East Coolgardie ...	East Coolgardie ...	941,436.40	958,285.90	836,748.86	874,193.90	657,863.87	674,992.98	799,464.46	826,832.33	822,781.03	846,124.35	9,774,037.83	9,922,569.03
Do. ...	Bulong ...	16,849.50		17,445.04		17,129.11		27,367.87		23,393.32			
Coolgardie ...	Coolgardie ...	65,002.37		59,973.11		70,702.09		89,081.78		169,925.39			
Do. ...	Kunanalling ...	9,500.59	...	13,110.37	...	19,307.50	...	21,277.58	...	44,023.55	...	160,322.71	
Yilgarn ...	...	...	20,066.81	...	21,925.95	...	24,353.94	...	14,151.16	...	99,940.41	...	304,812.36
Dundas ...	...	...	23,579.34	...	29,843.03	...	34,036.83	...	37,839.28	...	53,248.48	...	340,034.75
Phillips River ...	...	...	7,441.30	...	665.83	...	36.72	...	...	...	...	...	31,888.56
Donnybrook ...	...	...	61.36	...	3.54	...	339.95	...	370.27	...	13.43	...	841.76
State generally ...	...	...	...	...	108.93	...	128.46	...	1,151.91	...	...	...	4,343.84
TOTAL	Fine Ounces ...	...	1,791,344.73	...	1,581,993.39	...	1,328,620.71	...	1,443,321.12	...	2,043,355.86	...	18,506,711.17
	Sterling Value	£7,609,149	£6,719,881	£5,643,622	£6,130,838	£8,679,624	£78,611,413						

* To 30th September, 1908.

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 AND MINERAL FIELDS DURING 1908 AND PREVIOUS YEARS.

Period.	BLACK TIN.											
	PILBARA GOLDFIELD.—Marble Bar District.				GREENBUSHES MF.				TOTAL.			
	Quantity.			Value.	Quantity.			Value.	Quantity.			Value.
	Lode.	Stream.	Total.		Lode.	Stream.	Total.		Lode.	Stream.	Total.	
tons.	tons.	tons.	£	tons.	tons.	tons.	£	tons.	tons.	tons.	£	
Previous to 1899	...	...	75.45	4,419	...	...	1,590.33	66,108	...	...	1,665.78	70,527
1899	...	...	57.50	3,612	...	...	277.32	21,658	...	...	334.82	25,270
1900	...	...	387.87	27,174	...	...	435.62	29,528	...	...	823.49	56,702
1901	...	...	412.98	21,148	...	...	321.34	18,852	...	...	734.32	40,000
1902	...	...	216.35	15,103	...	...	403.21	24,680	...	...	619.56	39,783
1903	...	...	292.11	21,528	...	...	524.94	34,362	...	...	817.05	55,890
1904	...	...	320.86	24,355	...	...	533.64	34,462	...	...	854.50	58,817
1905	...	...	435.74	33,880	...	...	643.52	52,960	...	...	1,079.26	86,840
1906	36.59	675.06	711.65	78,449	26.18	757.10	783.28	79,195	62.77	1,432.16	1,494.93	157,644
1907	104.13	749.56	853.69	85,603	40.40	729.60	770.00	73,045	144.53	1,479.16	1,623.69	158,648
Total	140.72	1,424.62	3,764.20	315,271	66.58	1,486.70	6,283.20	434,850	207.30	2,911.32	10,047.40	750,121
1908—January-June	15.00	196.70	211.70	15,743	5.75	304.69	310.44	21,508	20.75	501.39	522.14	37,251
July	3.50	22.05	25.55	2,026	1.96	50.95	52.91	3,786	5.46	73.00	78.46	5,812
August	...	32.63	32.63	2,557	1.10	38.71	39.81	3,150	1.10	71.34	72.44	5,707
September	...	32.60	32.60	2,608	1.14	47.19	48.33	3,423	1.14	79.79	80.93	6,031
October	...	...	...	...	...	...	...	...	...	...	...	...
November	...	...	...	...	...	...	...	...	...	...	...	...
December	...	...	...	...	...	...	...	...	...	...	...	...
1908 (Nine months)	18.50	283.98	302.48	22,934	9.95	441.54	451.49	31,867	28.15	725.52	753.97	54,801
Total	159.22	1,708.60	4,066.68	338,205	76.53	1,928.24	6,734.69	466,717	235.75	3,636.84	10,801.37	804,922

Period.	TANTALITE.											
	PILBARA GOLDFIELD.—Marble Bar District.				GREENBUSHES MF.				TOTAL.			
	Quantity.			Value.	Quantity.			Value.	Quantity.			Value.
	Lode.	Stream.	Total.		Lode.	Stream.	Total.		Lode.	Stream.	Total.	
tons.	tons.	tons.	£	tons.	tons.	tons.	£	tons.	tons.	tons.	£	
Previous to 1899
1899
1900
1901
1902
1903
1904
1905	70.95	8,925	...	...	2.34	1,590	...	...	73.29	10,515
1906	1.80	12.85	14.65	2,644	...	...	...	...	1.80	12.85	14.65	2,644
1907
Total	1.80	12.85	85.60	11,569	...	...	2.34	1,590	1.80	12.85	87.94	13,159
1908—January-June
July
August
September
October
November
December
1908 (Nine months)
Total	1.80	12.85	85.60	11,569	...	...	2.34	1,590	1.80	12.85	87.94	13,159

Period.	COPPER ORE.															
	PILBARA GF.		WEST PILBARA GF.		ASHBURTON GF.		E. MURCHISON GF.		MURCHISON GF.			YALGOO GF.		NORTHAMPTON MF.		
	Marble Bar D.		Quantity.	Value.	Quantity.	Value.	Lawlers D.		Nannine D.		Day Dawn D.		Quantity.	Value.	Quantity.	Value.
	Quantity.	Value.					Quantity.	Value.	Quantity.	Value.	Quantity.	Value.				
tons.	£	tons.	£	tons.	£	tons.	£	tons.	£	tons.	£	tons.	£	tons.	£	
Previous to 1899	7,018.00	55,270	...	...	...	...	...	...	...	...	...	...	...
1899	2,555.00	29,478	...	...	...	...	...	...	...	...	...	988.00	1,715	
1900	1,605.00	12,139	...	...	...	...	...	5.15	91	...	...	...	...
1901	1,162.00	15,891	...	...	...	...	...	10.50	76	...	...	38.50	277	
1902	
1903	
1904	
1905	
1906	133.50	2,816	...	...	31.91	91	...	...
1907	7.77	190	3,365.50	63,548	...	...	...	...	...	31.71	274	10.00	130	...	...
Total	7.77	190	15,705.50	176,326	133.50	2,816	47.36	441	41.91	221	136.50	1,992
1908.	
January-June	804.00	10,287	188.00	2,311	...	...	...	...	...	9.50	97	...	...
July	2.17	27	...	...	...	...	...	...	...
August	107.00	1,181	...	...	4.60	42	...	...	...	...	...	...	...
September	35.00	399	...	...	...	...	...	...	...	...	...	...	...
October	
November	
December	
(9 months)...	946.00	11,867	188.00	2,311	6.77	69	...	...	...	9.50	97	...	...
Total	7.77	190	16,651.50	188,193	188.00	2,311	6.77	69	133.50	2,816	47.36	441	51.41	318	136.50	1,992

MINERALS OTHER THAN GOLD.

MONTHLY RETURN SHOWING THE QUANTITY AND VALUE OF ORE AND MINERALS, AS REPORTED TO THE MINES DEPARTMENT, FROM MINES PRODUCING MINERALS DURING SEPTEMBER, 1908.

BLACK TIN.

Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		PRODUCTION.				REMARKS.
			Above Ground.	Under Ground.	Lode.	Stream.	Total.	Estimated gross value thereof.	
					tous.	tous.	tous.	£	
PILBARA GOLDFIELD.									
MARBLE BAR DISTRICT.									
Cooglegong	From Tinfield generally ...	...	...	...	12.10	...	968	
Moolyella	From Tinfield generally ...	...	...	...	20.50	...	1,640	
Do.	Men employed ...	6	6	...	...	...	...
Wodgina	Men employed ...	20	10	...	...	...	...
TOTAL			26	16	...	32.60	32.60	2,608	

‡ In addition to the above there are:--At Cooglegong, 150 diggers; at Moolyella, 80 diggers; at Wodgina, 17 diggers.--Total 247 diggers.

GREENBUSHES MINERAL FIELD.

Greenbushes ...	357	Aurora ...	...	...	...	3.65	...	255	
Do. ...	496	Birthday ...	...	...	...	.50	...	33	
Do. ...	356	Cornwall ...	...	...	64	...	...	39	
Do. ...	35, etc.	Greenbushes Development Co., Ltd. ...	...	...	...	12.25	...	848	
Do. ...	393	Lost and Found North ...	...	...	45	...	...	31	
Do. ...	423, etc.	Nickel Kramer ...	...	...	...	4.75	...	365	
Do. ...	450, etc.	Stanhope United ...	...	...	...	8.50	...	651	
Do. ...	391, 454	Westralia and Legado leases ...	...	...	...	1.50	...	100	
Do. ...	381, etc.	Westralian Gully Tin Mining Co., Ltd. ...	...	...	...	.85	...	60	
Do. ...	Claims—219A	Hille and Elliott ...	...	...	...	.40	...	27	August.
Do. ...	318	Nash, E. R. ...	...	...	...	.75	...	48	
Do. ...	648	Mahony, E. and J. ...	...	...	...	.45	...	33	
Do. ...	670	Dews, Thos. ...	...	...	...	.55	...	40	
Do. ...	734	Warburton and Henry ...	...	...	...	.12	...	7	
Do. ...	752	Lamb and Noy ...	...	...	...	1.30	...	78	
Do. ...	759	Pearce, Richard ...	...	...	...	1.10	...	88	
Do. ...	764	Pearce, Richard ...	...	...	...	.60	...	40	
Do. ...	775	Robinson, E. R. ...	...	...	...	.70	...	46	
Do. ...	788	Portwood, Bonnor, and Holt ...	...	...	...	1.05	...	84	Tributers.
Do. ...	802	Ryan, John ...	...	...	...	.37	...	25	
Do. ...	812	Mitchell and Auhl ...	...	...	...	.20	...	14	
Do. ...	816	Giese, E. and t. ...	...	...	...	1.74	...	114	
Do. ...	820	Johnson, Kenny, and Stroud ...	...	...	...	1.24	...	78	
Do. ...	839	Coleman, H. ...	...	...	...	.90	...	60	
Do. ...	Locs. 289, 290	Rudall and Breakell ...	...	...	...	.88	...	62	
		Freehold ground ...	...	...	...	1.00	...	69	
		Unreported by owners ...	...	...	...	.05	...	128	
		Men employed ...	212	12	...	1.84	...	...
TOTAL			212	12	1.14	47.19	48.33	3,423	

‡ In addition to the above, there are 70 diggers.

COPPER ORE.

Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		PRODUCTION.			REMARKS.
			Above Ground.	Under Ground.	Ore or Wash-dirt treated.	Metallic Copper.	Estimated gross value thereof.	
					tous.	tous.	£	
WEST PILBARA GOLDFIELD.								
Roebourne ...	...	Men employed ...	...	4	...	...	...	...
Whim Creek ...	Loc. 71	Whim Well Copper Mines, Ltd. ...	...	...	35.00	6.60	399	
Do. ...	...	Men employed ...	5	...	...	...	...
TOTAL			5	4	35.00	6.60	399	

EAST MURCHISON GOLDFIELD.

LAWLERS DISTRICT.								
Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		PRODUCTION.			REMARKS.
			Above Ground.	Under Ground.	Ore or Wash-dirt treated.	Metallic Copper.	Estimated gross value thereof.	
					tous.	tous.	£	
Kathleen Valley ...	M.L. 12	Shepherd ...	...	...	4.60	.87	42	
Do. ...	...	Men employed ...	1	1	...	...	...
TOTAL			1	1	4.60	.87	42	

YALGOO GOLDFIELD.

Twin Peaks ...	...	Men employed ...	...	2	...	...	...	...
Wadgingarra ...	...	Men employed ...	1	1	...	...	...	...
TOTAL			1	3	...	...	...	...

MINERALS OTHER THAN GOLD—*continued.*QUARTERLY RETURN, ETC.—*continued.*

COPPER ORE.

Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		PRODUCTION.			REMARKS.
			Above ground.	Under ground.	Ore or Wash-dirt treated.	Metallic Copper.	Estimated gross value thereof.	
					tons.	tons.	£	
YANDANOOKA MINERAL FIELD.								
Arrino ... ..	...	From locality generally ... ..	...	...	126.05	18.48	1,386	Understated, 1905-07.
		TOTAL ... ..	...	...	126.05	18.48	1,386	
MOUNT MARGARET GOLDFIELD.								
MOUNT MORGANS DISTRICT.								
Eulammina	4f, etc.	West Australian Copper Co., Ltd. ... ..	...	...	246.00	15.75	945	
Do. ... ..	...	Men employed	16	19				
		TOTAL	16	19	246.00	15.75	945	
EAST COOLGARDIE GOLDFIELD.								
EAST COOLGARDIE DISTRICT.								
Corsair ... ..	...	Men employed ... ..	...	3				
		TOTAL ... ..	...	3				
PHILLIPS RIVER GOLDFIELD.								
Kundip	184	Christmas Gift ... ..	...	...	8.03	.01		
Do.	G.M.L. 136, etc.	Flag Gold and Copper Mining Co., Ltd. ... ..	...	...	71.11	7.86	393	
Do.	G.M.L. 98	Hillsborough ... ..	...	...	30.83	.05	3	
Do. ... ..	...	Men employed	10	18				
Mt. Desmond	275	Ironclad ... ..	...	...	21.50	2.21	111	
Do.	257	Thistle and Shamrock ... ..	...	...	26.53	3.66	183	
Do. ... ..	...	Men employed	14	24				
Ravensthorpe	16	Marion Martin : Phillips River Gold and Copper Co., Ltd. ... ..	...	...	27.08	4.97	264	
Do.	115	Sunset ... ..	...	...	13.95	.54	27	
Do. ... ..	...	Men employed	46	28				
West River ... ..	...	Men employed	3	3				
		TOTAL	173	73	199.03	19.30	981	

‡ Includes 24 men employed at smelter.

COAL.

Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		PRODUCTION.		REMARKS.
			Above Ground.	Under Ground.	Coal raised.	Estimated gross value thereof.	
					tons.	£	
COLLIE RIVER MINERAL FIELD.							
Collie	197, etc.	Cardiff Coal Mining Co., Ltd.	15	37	2,314.19	1,038	
Do.	244, etc.	Collie Co-operative Collieries, Ltd.	14	28	2,857.70	1,429	
Do.	88 (part of)	Collie Proprietary Coalfields of W.A., Ltd. (No. 1 Pit)	25	40	3,249.00	1,503	
Do.	85-100	Collie Proprietary Coalfields of W.A., Ltd. (No. 2 Pit) ... ..	...	39	3,240.00	1,503	
Do.	151, etc.	Scottish Collieries Company	22	64	4,616.00	1,6.6	
		TOTAL	76	206	16,267.89	7,089	

ASBESTOS.

Mining Centre.	Number of Lease, Claim, or Area.	REGISTERED NAME OF COMPANY OR LEASE.	MEN EMPLOYED.		ASBESTOS.		REMARKS.
			Above Ground.	Under Ground.	Quantity.	Estimated gross value thereof.	
					tons.	£	
PILBARA GOLDFIELD.							
MARBLE BAR DISTRICT.							
Soansville	M.L. 155, etc.	Pilbara Asbestos Co., Ltd. ... ..	...	...	40.00	1,600	
Do. ... ..	...	Men employed	8	7			
		TOTAL	8	7	40.00	1,600	

ROYAL MINT, PERTH BRANCH.

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 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.

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.

Charges for Assaying, Refining, and Coinage.

Gross Weight of Deposit in ounces.	Mint Charge.	Gross Weight of Deposit in ounces.	Mint Charge.	Gross Weight of Deposit in ounces.	Mint Charge.
Up to and including—	£ s. d.	Up to and including—	£ s. d.	Up to and including—	£ s. d.
24	0 5 0	400	4 3 4	1,300	10 4 2
30	0 6 3	410	4 5 5	1,400	10 16 8
40	0 8 4	420	4 7 6	1,500	11 9 2
50	0 10 5	430	4 9 7	1,600	12 1 8
60	0 12 6	440	4 11 8	1,700	12 14 2
70	0 14 7	450	4 13 9	1,800	13 6 8
80	0 16 8	460	4 15 10	1,900	13 19 2
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 2
390	4 1 3	1,200	9 11 8	5,000	33 6 8

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

NOTE.—Additional charges (see Regulation No. 6) 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 case of gold of the value of £3 17s. 10½d. an ounce:—

Weight of Deposit.	Rate of Charge per ounce.	Amount of Charge.	Net Value of Deposit.
Ozs.	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	1·55	64 11 8	38,872 18 4

NOTE.—A proportion of silver in deposits of gold is paid for by the Mint as follows:—

In deposits under 1,000ozs. gross: all silver in excess of 8 per cent. of the weight of the deposit after melting.

“ from 1,000 „ to 5,000 „ „ 6 „ „ „ „

“ „ 5,000 „ „ 10,000 „ „ 5 „ „ „ „

“ „ 10,000ozs. upwards „ „ 4 „ „ „ „

The rate at which payment for silver is made is liable to fluctuation.

GOLD ESCORT SERVICE.

Table of Rates fixed by the Commissioner of Police.

From	To	Period	Rate per Ounce.	Remarks.
Abbotts	Nannine	Monthly ...	d. 1	
Australia United Mine	Malcolm	Do. ...	1½	
Burbanks	Coolgardie	Fortnightly	0½	
Burtville	Malcolm	Monthly ...	0⅝	Not less than 1,000ozs.
Do.	Laverton	Every two months	...	Actual cost: 19s. 3d.
Coolgardie	Perth	Fortnightly	0¼	On all gold for the Mint.
Cork Tree	Lawlers	Monthly ...	1	Or if escort is specially provided, cost £4 6s. 6d.
Cosmopolitan Proprietary, Ltd. ...	Kalgoorlie	Do. ...	1	
Cue	Geraldton	Do. ...	1	
Field's Find	Yalgoo	Do. ...	3½	
Geraldton	Perth	Do. ...	2	
Kalgoorlie	Do.	Fortnightly	0¼	Special for Mint only.
Kanowna	Kalgoorlie	Do. ...	0¼	
Kathleen Valley	Lawlers	Monthly ...	0½	
King of the Hills	Kalgoorlie	Do. ...	2	
Laverton	Malcolm	Do. ...	0¾	Not less than 2,900ozs.
Lawlers	Leonora or Malcolm	Do. ...	1⅝	4,000ozs. to 4,500ozs.
Do.	Do. do.	Do. ...	1½	Exceeding 4,500ozs
Leinster G.M.Co.	Lawlers ... ..	...	...	Actual cost: £2 10s. 4d.
Mt. Sir Samuel	Do.	Do. ...	0¼*	Not less than 1,600ozs. or actual cost if under minimum quantity.
Malcolm	Kalgoorlie	Do. ...	0½	Not less than 7,800ozs.
Morgans	Malcolm	Do. ...	0½	Not less than 4,300ozs.
Munara Gully	Nannine	Do. ...	0½	
Nannine	Cue	Do. ...	1	Under 2,000ozs.
Do.	Do.	Do. ...	0½	2,000ozs. to 3,000ozs.
Norseman	Coolgardie	Do. ...	2	
Peak Hill	Nannine	Do. ...	2½†	2,000ozs. and not exceeding 2,500ozs.
Do.	Do.	Do. ...	2 +	2,500ozs. and not exceeding 3,000ozs.
Do.	Do.	Do. ...	1¾†	Over 3,000ozs.
Ravensthorpe	Hopetoun	Monthly ...	...	Under 500 ozs.: Actual cost
Do.	Do.	Do. ...	1¼	Not less than 500ozs.
Do.	Do.	Do. ...	0⅝	Not less than 1,000ozs.
Sandstone	Magnet	Do. ...	...	Actual cost.
Wiluna	Malcolm	Do. ...	3⅝	Not less than 2,000ozs.
Do.	Lawlers	Do. ...	...	Actual cost £19 4s.
Yalgoo	Geraldton	Do. ...	0½	
Yerilla	Kalgoorlie	Do. ...	1¼	

* If gold conveyed by regular escort from Wiluna, the rate per hour of pay, etc., of constable in charge will be collected.
 † When quantity under minimum actual cost charged.

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, or part thereof.

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. 47.41
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.

6th February, 1908.