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OF

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[1903

## Western Australian Goldfields.

# MINING STATISTICS.

NOVEMBER, 1902.

### OUTPUT OF GOLD FOR NOVEMBER, 1902.

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. 1-72	ozs. 60-50	ozs. ...	ozs. 62-22	ozs. ...	ozs. 53-46
Pilbarra ...	Marble Bar ...	...	...	...	...	...	...
	Nullagine ...	...	153-27	153-27	...	131-70	131-70
West Pilbarra ...	...	...	311-68	...	311-68	...	267-82
Ashburton ...	...	...	...	...	...	...	...
Gascoyne ...	...	...	...	...	...	...	...
Peak Hill ...	...	...	3,141-92	...	3,141-92	...	2,699-80
East Murchison ...	...	2,799-60	4,583-74	...	7,383-34	...	6,344-37
	Cue ...	2,719-65	775-91	3,495-56	...	3,003-67	...
	Nannine ...	110-30	1,544-12	1,654-42	...	1,421-61	...
Murchison ...	Day Dawn ...	11,471-24	...	11,471-24	19,759-86	9,857-04	16,979-30
	Mt. Magnet ...	1,190-43	1,948-21	3,138-64	...	2,696-98	...
Yalgoo ...	...	...	952-22	...	952-22	...	818-23
	Mt. Morgans ...	...	4,422-51	4,422-51	...	3,800-19	...
Mt. Margaret ...	Mt. Malcolm ...	5,588-29	1,393-82	6,982-11	16,712-90	5,999-60	14,361-10
	Mt. Margaret ...	249-18	5,059-10	5,308-28	...	4,561-31	...
	Menzies ...	34-12	5,395-55	5,429-67	...	4,665-62	...
North Coolgardie ...	Ularring ...	...	2,539-51	2,539-51	15,287-59	2,182-16	13,136-36
	Niagara ...	155-75	5,967-68	6,123-43	...	5,261-76	...
	Yerilla ...	...	1,194-98	1,194-98	...	1,026-82	...
Broad Arrow ...	...	...	1,220-30	...	1,220-30	...	1,048-58
North-East Coolgardie ...	Kanowna ...	195-22	4,185-29	4,380-51	...	3,764-09	...
	Bulong ...	...	297-28	297-28	4,677-79	255-45	4,019-54
	Kurnalpi ...	...	...	...	...	...	...
East Coolgardie ...	...	46,389-94	62,955-69	...	109,345-63	...	93,958-79
Coolgardie ...	Coolgardie ...	1,420-24	6,237-38	7,657-62	8,805-90	6,580-06	7,566-76
	Kunanalling ...	...	1,148-23	1,148-28	...	986-70	...
Yilgarn ...	...	...	2,427-15	...	2,427-15	...	2,085-61
Dundas ...	...	516-25	4,213-23	...	4,729-48	...	4,063-96
Phillips River ...	...	1,229-88	860-92	...	2,090-80	...	1,796-59
Donnybrook ...	...	5-75	...	...	5-75	...	4-94
Goldfields	generally ...	...	129-23	...	129-23	...	111-04
	Total ...	† 74,077-56	123,119-47	...	197,197-03	...	169,447-95

\* Calculated on the average fineness of gold produced in Western Australia as shown by the latest available returns, viz., 43 1/3s. per oz.

† In addition were exported 9,474-19ozs. included in past Mint Returns.

Value.—169,447-95ozs. fine, at £4 4s. 11-45d. per oz. = £719,769 3s. 2d.

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

	ozs.
United Kingdom ...	49,735-84
New South Wales ...	17,821-22
Victoria ...	4,878-45
South Australia ...	310-96
India ...	9,474-19
Belgium ...	1,325-34
Germany ...	5-75
Total ...	83,551-75

RETURN OF GOLD BULLION ENTERED FOR EXPORT AND RECEIVED AT THE PERTH BRANCH OF THE ROYAL MINT, FROM 1ST JANUARY, 1886, TO 30TH NOVEMBER, 1902, SHOWING THE QUANTITY OBTAINED, EACH YEAR, FROM THE RESPECTIVE GOLDFIELDS, THE ESTIMATED FINE CONTENTS THEREOF, AND THE TOTAL ANNUAL VALUE.

Year.	KIMBERLEY.		PILBARRA.		a WEST PILBARRA.		ASHBURTON.		b GASCOYNE.		c PEAK HILL.		c EAST MURCHISON.		MURCHISON.		d YALGOO.		c MT. MARGARET.		e NORTH COOLGARDIE.	
	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.
1886	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1887	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1888	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1889	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1891	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1892	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1893	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1894	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1895	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1896	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1897	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1898	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1900	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1901	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*1902	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	27,086.52	24,224.87	194,429.42	173,696.54	7,613.53	6,730.98	5,400.00	4,831.57	655.51	582.31	131,399.40	116,734.98	308,070.47	273,633.54	956,595.78	850,555.50	40,821.11	36,429.49	667,075.88	592,288.67	688,585.68	611,628.09

Year.	f BROAD ARROW.		e NORTH-EAST COOLGARDIE.		e EAST COOLGARDIE.		g COOLGARDIE.		YILGARN.		h DUNDAS.		i PHILLIPS RIVER.		j DONNYBROOK.		GOLDFIELDS GENERALLY.		GRAND TOTAL.		+ Value.	
	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	Gross Weight.	Fine Contents.	£	s. d.
1886	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1887	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1888	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1889	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1891	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1892	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1893	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1894	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1895	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1896	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1897	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1898	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1900	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1901	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*1902	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	167,130.16	149,261.44	396,435.49	353,467.56	4,677,291.44	4,158,543.93	970,416.82	866,003.70	310,898.97	277,636.78	213,534.30	190,333.19	7,635.10	6,560.71	787.40	704.06	12,844.99	11,439.21	9,784,707.97	8,705,286.52	36,977,706	16 1

\* To 30th November. a Prior to 1st May, 1898, included with Pilbarra. b Prior to 1st March, 1899, included with Ashburton. c From 1st August, 1897. d. Prior to 1st April, 1897, included with Murchison. e. Prior to 1st May, 1896, included with Coolgardie. f. From 1st September, 1897. g. Declared 5th April, 1894, to which date included with Yilgarn. h. Prior to 1893, included with Yilgarn. i. Prior to 1902, included in Goldfields generally. j. From 1st March, 1899. + To 1900, at £3 16s. per oz.; 1901, at £3 17s. per oz.; 1902, at £3 13s. per oz.

## CONTENTS:

SUBJECT.	PAGE	SUBJECT.	PAGE
1. Output of Gold for November, 1902 ... ..	31	7. Total gross weight Gold reported, with the fine contents and value thereof ... ..	46
2. Total Output of Gold, Customs and Mint combined, from 1st January, 1886 ... ..	32	8. General Return of Minerals other than Gold ... ..	47
3. Explanatory ... ..	33	9. H.M. Customs Gold Exports to 30th November, 1902 ... ..	48
4. Monthly Returns from each Goldfield ... ..	34	10. Royal Mint Gold Returns to 30th November, 1902 ... ..	49
5. General Return for November, 1902 ... ..	45	11. Royal Mint Notices ... ..	50
6. Synopsis of the Returns from the Goldfields ... ..	45		

## 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.  
 ¶ Extras (magnetings, skimmings, etc.)  
 a. Arrastras.  
 b. Ball mill.  
 c. Dry crusher.  
 g. Griffin mill.  
 h. Huntington mill.  
 k. Krupp ball mill.  
 p. Puddler.  
 t. Tremain mill.  
 cr. Crushing roller.  
 pr. Prospecting mill.  
 con. Concentrates.  
 cy. Tailings.  
 sl. Slimes.  
 pl. Plates.

G.M.L. Gold Mining Lease.  
 M.L. Mineral Lease.  
 P.P.L. Private Property Lease.  
 C. Claim.  
 A.C. Alluvial Claim.  
 Q.C. Quartz Claim.  
 R.C. Reward Claim.  
 L.C. Lode Claim.  
 M.A. Machinery Area.  
 Q.P.P.A. Quartz Prospecting Protection Area.  
 T.A. Tailings Area.  
 W.R. Water Right.  
 Gf. Goldfield.  
 D. District.  
 M.D. Mining District.

WESTERN AUSTRALIAN GOLDFIELDS.

RETURN OF CRUSHINGS AND OTHER TREATMENTS OF ORE COMPLETED DURING THE MONTH OF NOVEMBER, 1902.

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

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.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom								
											ozs.	ozs.	tons.	ozs.	ozs.	£ s. d.		
<b>KIMBERLEY GOLDFIELD.</b>																		
Ruby Creek ...	61, M.A. 9	Ruby Queen ...	15															
The Brockman	141A C, M.A. 8	Mt. Bradley Tunnelling Claim... From Goldfield generally— Alluvial ...	10					10'00										
TOTAL ...			25					10'00										
<b>PILBARRA GOLDFIELD.</b>																		
<b>MARBLE BAR DISTRICT.</b>																		
Bamboo Creek	161	Bulletin ...	10															
Boodal, errie...	601	Golden Granite ...		† 1											† 3 stamps w'k'd by windmill. October.			
Lallarookh ..	R.C. 112, M.A. 23 3, 7, 21	Lallarookh G.M. Co. ...	10	† 1				409'00	152'15	37	3 6 0							
Marble Bar ...		British Exploration of Australasia, Ltd. Homeward Bound (Cahill and party)	5		2			430'00	411'00	95	3 7 0							
Do. ...	613 (579)	Western Chief Battery						7'00	22'90	3'27								
Talga Talga ...	Q.C. 130							39'50	66'80	1'69								
Lambourah ...	(568)		†											† 10 removed to Parnell leases, Nullagine.				
Warrawoona...	473, M.A. 18	Klondyke ...	5		4			30'00	15'00	50	3 19 6							
Do. ...	604	Klondyke Boulder						39'00	99'40	2'55	3 18 6							
Do. ...	M.A. 19	Salgash Public Crushing Battery	15		2													
Do. ...	611	Wheel of Fortune						31'00	43'00	1'39	3 15 0							
Do. ...	Unreg.	(Newport and party)						9'50	14'00	1'47								
Western Shaw	M.A. 15	Western Shaw Battery	†											† 10 removed to Conglomerate leases, Nullagine.				
Yandicoogina	M.A. 26	Lady Adelaide Battery	10															
From District generally—																		
Sundry parcels treated at Salgash Public Crushing Battery									cy. 223'43		3 2 6			cy. 674 tons.				
Notice of Purchase, Reg. No. 182							6'75											
Do. do. 183							18'30											
Do. do. 184							20'75											
TOTAL ...			55	2	8		45'80	995'00	1,047'68	1'05								
<b>NULLAGINE DISTRICT.</b>																		
Elsie ...	M.A. 7L	Elsie Mill ...		† 1														
Mosquito Cr'k.	Q.C. 208L	Last Chance ...						10'50	36'60	3'48								
Do. ...	Q.C. 74L	Nicholls' Reward ...						50'00	74'05	1'48	4 1 0							
Do. ...	M.A. 6L	Royer's Public Crushing Works ...	10															
Nullagine ...	106L	Barton ...	† 10					65'00	147'10	2'26	4 0 0			† Also 5 erecting.				
Do. ...	M.A. 3L	British Exploration of Australasia, Ltd.	† 10															
Do. ...	M.A. 4L	Lambert's Treatment Works ...			4													
Do. ...	108L	Old All Nations ...						20'50	18'00	80	4 0 0							
20-Mile Sandy	Q.C. 206L	Central West ...						30'00	24'90	83	4 0 0							
Do. ...	136L	Little Wonder ...						63'00	624'90	9'92	4 3 0							
From District generally—																		
Notice of Purchase, Reg. No. 59							22'27											
Do. do. 60							6'49											
TOTAL ...			30	1	4		28'76	239'00	925'55	3'87								
<b>WEST PILBARRA GOLDFIELD.</b>																		
Hong Kong ...	(97)	Queen Victoria Mill ...		† 1														
Lower Nicol ...	106, etc.	Ninety-nine leases ...	10	pr. 1														
Station Peak...	117	Pilgrim's Rest ...	10					300'00	421'00	1'40	3 17 6							
From Goldfield generally—																		
Notice of Purchase, Reg. No. 44							36'61											
Do. do. 45							1'41											
TOTAL ...			20	2			38'02	300'00	421'00	1'40								
<b>ASHBURTON GOLDFIELD.</b>																		
From Goldfield generally—																		
Alluvial ...								70'00						October.				
								60'00										
TOTAL ...								130'00										





GOLD YIELD—continued.

Table for MOUNT MARGARET GOLDFIELD. MOUNT MORGANS DISTRICT. Columns include Mining Centre, Number of Lease, Claim, or Area, REGISTERED NAME OF COMPANY OR LEASE, PLANT (Stamps, Other Mills, Leaching Vats, Filter Presses), PRODUCTION (Alluvial, Dollied and Specimens, Ore treated, Gold therefrom), Average per ton treated, Value of gold per oz., and REMARKS.

Table for MOUNT MALCOLM DISTRICT. Columns include Mining Centre, Number of Lease, Claim, or Area, REGISTERED NAME OF COMPANY OR LEASE, PLANT (Stamps, Other Mills, Leaching Vats, Filter Presses), PRODUCTION (Alluvial, Dollied and Specimens, Ore treated, Gold therefrom), Average per ton treated, Value of gold per oz., and REMARKS.

Table for MOUNT MARGARET DISTRICT. Columns include Mining Centre, Number of Lease, Claim, or Area, REGISTERED NAME OF COMPANY OR LEASE, PLANT (Stamps, Other Mills, Leaching Vats, Filter Presses), PRODUCTION (Alluvial, Dollied and Specimens, Ore treated, Gold therefrom), Average per ton treated, Value of gold per oz., and REMARKS.





GOLD YIELD—continued.

Table for NORTH COOLGARDIE GOLDFIELD—continued. NIAGARA DISTRICT—continued. Columns include Mining Centre, Number of Lease, Claim, or Area, Registered Name of Company or Lease, Plant (Stamps, Other Mills, Leaching Vats, Filter Processes), Production (Alluvial, Dollied and Specimens, Ore treated, Gold therefrom), Average per ton treated, Value of gold per oz., and Remarks. Total production is 6,888 tons and 5,533 oz.

Table for YERILLA DISTRICT. Columns include Mining Centre, Lease/Claim/Area, Registered Name of Company, Plant, Production, Average per ton treated, Value of gold per oz., and Remarks. Total production is 550 tons and 693 oz.

Table for BROAD ARROW GOLDFIELD. Columns include Mining Centre, Lease/Claim/Area, Registered Name of Company, Plant, Production, Average per ton treated, Value of gold per oz., and Remarks. Total production is 2,052 tons and 1,245 oz.



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.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.				
							ozs.	ozs.	tons.	ozs.	ozs.	£	s.	d.
<b>NORTH-EAST COOLGARDIE GOLDFIELD—continued.</b>														
<b>KURNALPI DISTRICT.</b>														
Jubilee	220k.	Jubilee Gift South	5		6									
Kurnalpi	M.A. 1k	Hampton Goldhill Mines, Ltd.	* 3											
Do.	25k, 29k	Hempseed's Cyanide Works			4									
Mulgabbie	M.A. 2k	Glover's Works		pr. 1										
Do.	M.A. 3k	Elsie							8.00	7.55	.94	3	15	0
Do.	Unreg. Q.C.	(Robb and party)							1.00	23.00				
Do.	Unreg. Q.C.	From District generally— Alluvial					37.00							
		TOTAL	10	1	10		37.00		9.00	30.55	3.39			

EAST COOLGARDIE GOLDFIELD.

Boorara	2310E, etc.	Golden Ridge Proprietary leases	10					120.00	93.20	.77	3	16	0	
Do.	3908E, etc.	Waterfall leases						59.00	164.45	2.78	3	13	3	
Boulder	38E, etc.	Associated G.Ms. of W.A., Ltd.	{ k. 14 } h. 3 } cr. 4 }	42	6			4,875.00	3,912.00	.80	3	13	6	
Do.	49E, etc.	Associated Northern Blocks (W.A.), Ltd.	c. 1					1,183.00	857.00	.42	3	13	6	con. 171 tons.
Do.	261E, etc.	Brookman Bros. Boulder G.M. Co., Ltd.	10		2			1,277.17	3,063.00	6.81	4	0	0	cy. 2,000 tons.
Do.	24E, etc.	Central and West Boulder G.Ms. Ltd.						50.00	1,349.30	1.05	4	2	6	Oxidised.
Do.	351E, etc.	Golden Horseshoe Estates Co., Ltd.	100 { c. 4 } p. 1 }	20	9			11,055.00	1,277.17	.74	4	0	0	cy. 1,277.17 tons.
Do.	873E	Great Boulder Main Reef, Ltd.	k. 2		6			1,811.00	946.00	.52	3	3	8	
Do.	50E	Great Boulder No. 1, Ltd.	10		4			865.00	93.32	.10				+ Agitating.
Do.	66E	Great Boulder Perseverance G.M. Co., Ltd.	g. 10	+ 24	13			10,320.00	249.40	.13				cy. 1,870 tons.
Do.	16E, etc.	Great Boulder Proprietary G.Ms., Ltd.	30 g. 10	+ 14	15			9,031.00	16,492.16	1.59				+ Agitating.
Do.	3643E	Hainault G.Ms., Ltd.	10		4			870.00	12,504.47	1.38	3	2	3	con. 30 tons.
Do.	1131E	Hannan's Central Extended G.M. Co., N.L.	10					357.30	63.00	.41	3	2	3	cy. 2,478 tons.
Do.	410E, etc.	Hannan's Oroya G.M. Co. (W.A.), Ltd.	h. 3					5,217.47	2678.80	.51	3	7	0	
Do.	15E, 60E	Hannan's Star G.Ms., Ltd.	k. 3		8	2		11,337.00	4,776.15	.46	3	7	0	con. 526 tons.
Do.	31E	Ivanhoe Gold Corporation, Ltd.	100 k. 1	24	6			3,790.00	3,799.75	1.00				cy. 10,359 tons.
Do.	33E	Kalgoorlie Bank of England G.M. Co., Ltd.	{ k. 2 } h. 2 }	4				6,402.00	6,712.05	1.04	3	9	5	
Do.	73/4E	Kalgoorlie Mint and Iron King G.Ms., Ltd.	10		4			3,790.00	3,799.75	1.00				
Do.	22E, 34E	Kalgurli G.Ms., Ltd.	k. 6	14	2			6,402.00	6,712.05	1.04	3	9	5	
Do.	25E, 32E	Lake View Consols, Ltd.	{ k. 4 } p. 1 }	25	22				3,342.12	.16				cy. 2,025 tons.
Do.	75E, 103E	Lake View South G.M. (W.A.), Ltd.	30		7				4,368.00	8,502.87	1.94	3	12	0
Do.	35E	North Boulder G.M. Co., Ltd.	10 h. 2 } h. 3 } k. 4 }	12	6			2,700.00	2,191.59	.81	3	9	0	+ Agitating.
Do.	41E, etc.	Oroya Brown Hill Co., Ltd.	{ cr. 2 } g. 7 }	16	8			2,700.00	419.00					
Do.	1208E, etc.	South Kalgurli G.Ms., Ltd.	{ cr. 2 } g. 7 }	16	8									
Feysville	Block 48	Hampton Plains Estate, Ltd.	20 { t. 1 } b. 1 }											
Do.	Block 50	Hampton Properties, Ltd.	5					50.00	32.91	.65	3	17	6	
Kalgoorlie	1101E, etc.	Brown Hill Junction G.M. Co., N.L.						237.00	65.75	.27	4	1	8	
Do.	238E	Crossus North No. 1, Ltd.						220.00	56.66	.25	4	2	0	
Do.	13E, etc.	Crossus South G.Ms., Ltd.	20					228.00	139.35	.61	3	17	10 1/2	
Do.	3880E	Devon Consols	h. 2					636.00	404.00	.63	3	17	6	cy. 750 tons.
Do.	1694E	Golden Zone G.M. Co., N.L.						20.00	18.85	.94	3	18	5	
Do.	14E, etc.	Hannan's Consols, Ltd.						65.00	38.83	.59	3	16	0	
Do.	12E, etc.	Hannan's North G.M. Co., Ltd.	10					400.00	201.95	.50	3	18	0	
Do.	1024E, etc.	Hannan's Proprietary Development Co., Ltd.	h. 3		6									
Do.	M.A. 11E	Hannan's Public Crshng., Condsg. and Saw-Milng. Co. (W.A.), Ltd.	20		{ 4 } 14 }	4								+ Agitating.
Do.	97E, etc.	Hannan's Reward and Mt. Charlotte, Ltd.	30					650.00	434.25	.66	3	14	0	
Do.	M.A. 26/8E	Kalgoorlie Gold Recovery Co., Ltd.			12			57.00	87.45	1.53	3	17	0	
Do.	2E, 279E	Maritana G.M. Co., N.L.						9.50	22.71	2.39				
Do.	1004E	New Century Trust, Ltd.						10.00	4.70	.47				
Do.	1556E	North Mt. Charlotte G.Ms. Ltd.						270.00	604.00	2.23				
Do.	4E	Paringa Mines, Ltd.												
From District generally:—														
At Crossus South Battery:—														
		Wallis and party						10.00	1.55					
		Winter and party (Kalgurli United)						30.00	8.40					
		Rutter and party (Kalgurli United)						84.50	40.45					
		Raven and party (Hannans Reward North)						25.00	11.20					
At Great Boulder No. 1 Battery:—														
		McIntosh and party						205.00	84.60					
		Manderson and party						60.00	39.70					
		Craven and party						15.00	10.05					



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.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.	ozs.			
COOLGARDIE GOLDFIELD—continued.														
KUNANALLING DISTRICT.														
Balgarri ...	...	Stanley Battery ...	5	...	...	...	...	40'00	23'17	'58	...	October.		
Do. ...	565s	Zuleika ...	...	...	...	...	...	...	...	...	...			
Carnage ...	2s	Perry's Reef ...	10	...	4	...	...	...	...	...	...			
Cashman's ...	119s	Bunyip G.Ms., Ltd. ...	*10	...	...	...	...	...	...	...	...			
Carbine ...	33s	Carbine ...	10	...	...	...	...	...	...	...	...			
Dunnsville ...	369s	Jourdie Hills G.M. Co., Ltd. ...	10	...	...	...	...	...	...	...	...			
Do. ...	17s, etc.	New Standard Explor'n Co., Ltd. ...	20	...	1	...	...	66'00	33'00	'48	3 15 0			
Kintore ...	77s, etc.	Great Cement Proprietary, Ltd. ...	20	...	8	...	...	...	cy. 128'00	'11	3 10 0	cy. 1,150 tons.		
Do. ...	409s	Sugarloaf Great Cement Proprietary, Ltd. ...	...	...	...	...	...	80'00	85'00	1'06	...			
Do. ...	61/2s	Hands Across the Sea leases ...	5	...	...	...	...	...	...	...	...			
Siberia ...	479s	Fair Adelaide ...	*5	...	...	...	...	...	...	...	...			
Do. ...	W.R. 4250	Little Dot Mill ...	...	t. 1	...	...	...	...	...	...	...			
Do. ...	299s	Pole ...	*5	...	*5	...	...	...	...	...	...			
25-Mile ...	646/9s	Amalgamated G.Ms., Ltd. ...	10	a. 1	...	...	...	...	...	...	...			
Do. ...	524s	Pearce's Kunanalling Co., N.L. ...	*10	...	...	...	...	...	...	...	...			
Do. ...	70s, etc.	Premier G.M. Co., N.L. ...	25	b. 2	14	2	...	226'00	186'50	'82	3 17 6			
Do. ...	645s	Star of Fremantle ...	...	...	...	...	...	269'00	245'75	'16	3 0 0	cy. 1,550 tons.		
Do. ...	669s	White Funnel Main Reef ...	...	...	...	...	...	8'00	230'75	'85	...			
								...	9'40	1'17	...			
								...	24'00	16'50	'68	...		
								...	10'00	12'90	1'29	...		
								...	723'00	969'97	1'24	...		

YILGARN GOLDFIELD.												
Hope's Hill ...	19, etc.	Hope's Hill G.M. Co., Ltd. ...	70	g. 4	26	...	...	2,600'00	422'44	'16	3 16 6	
								...	189'32	'06	3 14 0	cy. 2,800 tons.
								...	410'67	'18	3 15 6	October.
Jacoletti ...	490, 517	Turnbull's leases ...	...	c. 1	6	...	...	2,200'00	200'28	'06	3 13 1	Oct. cy. 3,220 tons
								...	19'50	'43	3 8 6	
								...	14'00	'31	3 8 6	cy. 45 tons.
Mt. Jackson ...	246, etc.	Associated Mt. Jackson G.Ms. (W.A.), Ltd. ...	15	...	...	...	...	...	...	...	...	
Do. ...	212, etc. (498)	Mt. Jackson G. Ms., Ltd. ...	10	...	...	...	...	...	...	...	...	
Do. ...	508	Lass o' Gowrie Battery ...	*5	...	...	...	...	...	...	...	...	
Parker's Range	508	Anstralia ...	...	pr. 1	...	...	...	...	...	...	...	pr. 5 stamps. + 5 erecting.
Do. ...	520	Blue Hill ...	...	...	...	...	...	...	...	...	...	
Do. ...	528	Gordon Highlander ...	...	...	...	...	...	15'00	22'00	1'46	3 15 0	
Do. ...	T.A. 13	Andre's Cyanide Works ...	...	...	2	...	...	...	...	...	...	
Do. ...	T.A. 9	Clarke's Battery ...	10	...	6	...	...	...	...	...	...	
Southern Cross	13, etc.	British and Foreign Development Syndicate, Ltd. ...	50	...	19	1	...	1,289'00	306'80	'24	3 13 5	
Do. ...	521	Comet ...	...	...	...	...	...	140'00	226'60	'09	3 15 0	cy. 7,460 tons.
Do. ...	256	Fraser's South Extended G.M. Co., Ltd. ...	20	...	5	...	...	196'00	17'85	'12	...	
Do. ...	...	Hatt's Central Cyanide Works ...	...	...	10	...	...	900'00	49'10	'22	3 10 0	
Do. ...	526	Irene ...	...	...	...	...	...	...	235'00	'26	3 0 0	cy. 600 tons.
Do. ...	529	Reeward ...	...	...	...	...	...	...	87'70	'14	3 0 0	
Do. ...	A.C. 1	(Coulter and party) ...	...	...	...	...	...	...	...	...	...	+ 40 tons alluvial wash.
...	...	...	...	...	...	...	...	77'00	19'65	'25	3 4 3	
...	...	...	...	...	...	...	...	34'00	85'50	2'51	4 0 0	
TOTAL	...	...	180	6	74	1	4'30	7,487'00	2,791'41	'37	...	

DUNDAS GOLDFIELD.													
Buldan ...	M.A. 28	Pathway Battery ...	...	pr. 2	...	...	...	...	...	...	...	pr. 3 stamps each + 1 wt. stone.	
Dundas	R.C. 1	(Hibbet and party) ...	...	...	...	...	...	+69'00	...	...	3 15 0	Sept. cy. 150 tons.	
Norseman	M.A. 30	Break o' Day Battery ...	*10	...	4	...	...	...	47'00	'31	...	Clean up.	
Do. ...	579, etc.	Cumberland G.M. Co., N.L. ...	...	...	...	...	...	63'00	38'80	'79	3 17 6		
Do. ...	802	Federation ...	...	...	...	...	...	25'00	49'75	'86	3 11 0		
Do. ...	757	Lady Jean ...	...	...	...	...	...	104'00	21'51	'86	3 15 0		
Do. ...	49, etc.	Lady Mary leases ...	20	...	5	...	...	...	152'30	1'46	3 18 0	cy. 272 tons.	
Do. ...	868	Lady Miller ...	...	...	...	...	...	...	37'10	'21	3 18 0		
Do. ...	858	Lord Hopetoun ...	...	...	...	...	...	22'19	...	'35	3 5 0		
Do. ...	856	Lucky Call ...	...	...	...	...	...	20'00	16'80	'84	...	+ 29lbs. stone.	
Do. ...	M.A. 18	Mararoa Crushing and Cyaniding Works	*10	...	4	...	...	+10'35	...	...	...		
Do. ...	42, etc.	Mt. Benson G.M. Co., N.L. ...	*10	...	2	...	...	...	...	...	...		
Do. ...	18, etc.	Norseman G.Ms., Ltd. ...	*20	b. 2	5	...	...	234'00	185'88	'79	3 10 0		
Do. ...	16	No. 1 North Norseman ...	...	...	...	...	...	46'50	173'25	'11	2 15 7	cy. 1,575 tons.	
Do. ...	821	Northern Star ...	...	...	...	...	40'00	30'00	51'40	'28	...	Oct. cy. 180 tons.	
Do. ...	106, etc.	Princess Royal G.M. Co., N.L. ...	30	...	5	...	...	1,622'00	32'00	'30	...	cy. 270 tons	
Do. ...	...	State Battery ...	10	...	...	...	...	...	82'00	'30	...		
Do. ...	...	Three Colonies ...	...	...	...	...	...	...	57'41	1'23	3 5 0	+ 2 being installed	
Do. ...	88	Valkyrie ...	...	...	...	...	...	...	30'00	3'01	3 5 0	cy. 1,246 tons.	
Do. ...	831	Vale ...	...	...	...	...	...	...	2,221'05	1'37	3 12 1/2	+ Agitating.	
Do. ...	838	(Walker and party) ...	...	...	...	...	...	...	196'00	'15	3 5 3/8		
Do. ...	Q.P.P.A. 37	Central Wealth Consolidated Goldfields, Ltd. ...	10	...	...	...	...	...	...	...	...		
Do. ...	129, etc.	Day Dawn North Extended ...	...	...	...	...	...	...	...	...	...		
Do. ...	143	From Goldfield generally—Alluvial ...	...	...	...	...	...	262'00	...	...	...	+ pr. 3 stamps removed.	
TOTAL	...	...	120	6	37	...	...	262'00	141'54	2,391'50	3,655'56	1'52	Jan. to Nov. inclusive.



GENERAL RETURN SHOWING, FOR EACH GOLDFIELD AND DISTRICT, THE PARTICULARS OF PLANT, THE QUANTITIES REPORTED OF ALLUVIAL, DOLLIED AND SPECIMEN GOLD, ORE TREATED AND GOLD THEREFROM, FOR THE MONTH OF NOVEMBER, 1902.

GOLDFIELD.	DISTRICT.	PLANT.				PRODUCTION.				Average per ton treated.
		Stamps.	Other Mills.	Leaching Vats.	Filter Presses.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.	
Kimberley ... ..	...	25	...	...	...	Ozs. 10'00	...	...	...	Ozs. ...
Pilbarra ... ..	Marble Bar ...	55	2	8	...	45'80	...	995'00	1,047'68	1'05
Do. ... ..	Nullagine ...	30	1	4	...	28'76	...	239'00	925'55	3'87
West Pilbarra ... ..	...	20	2	...	...	38'02	...	300'00	421'00	1'40
Ashburton ... ..	...	...	...	...	...	130'00	...	...	...	...
Gascoyne ... ..	...	...	...	...	...	...	...	...	...	...
Peak Hill ... ..	...	60	...	8	9	...	...	5,449'50	3,410'36	'62
East Murchison ... ..	...	215	6	31	...	12'02	...	11,873'00	7,694'87	'64
Murchison ... ..	Cue ... ..	125	...	36	...	...	...	2,132'50	2,255'20	1'05
Do. ... ..	Nannine ...	183	...	28	...	100'00	...	1,690'00	1,580'90	'93
Do. ... ..	Day Dawn ...	110	...	19	...	...	23'88	8,162'00	12,793'16	1'56
Do. ... ..	Mt. Magnet ..	95	1	31	...	23'00	34'00	589'00	793'15	1'34
Yalgoo ... ..	...	70	5	9	...	...	...	251'22	904'42	3'60
Mt. Margaret ... ..	Mt. Morgans ...	95	...	31	3	...	...	6,540'00	5,722'95	'87
Do. ... ..	Mt. Malcolm ...	256	3	79	1	16'92	...	8,928'65	7,515'66	'84
Do. ... ..	Mt. Margaret ...	176	1	56	...	...	...	6,426'30	4,688'21	'73
North Coolgardie ... ..	Menzies ...	163	2	51	4	2'50	27'18	3,695'50	4,841'90	1'31
Do. ... ..	Ularring ...	50	...	8	...	...	...	1,150'00	2,295'05	1'99
Do. ... ..	Niagara ...	160	1	51	1	...	49'59	6,888'00	5,533'80	'80
Do. ... ..	Yerilla ...	25	2	15	...	...	19'25	550'00	693'79	1'26
Broad Arrow ... ..	...	240	5	40	3	43'55	1'56	2,052'25	1,245'10	'60
North-East Coolgardie ... ..	Kanowna ...	205	15	72	...	137'32	28'35	3,654'00	3,220'13	'88
Do. do. ... ..	Bulong ...	20	1	3	...	212'87	62'00	1,059'50	959'46	'90
Do. do. ... ..	Kurnalpi ...	10	1	10	...	37'00	...	9'00	30'55	3'39
East Coolgardie ... ..	...	515	98	248	99	259'74	699'99	73,624'67	104,643'02	1'42
Coolgardie ... ..	Coolgardie ...	401	4	114	4	83'78	37'62	6,696'00	5,330'48	'79
Do. ... ..	Kunanalling ...	145	4	32	2	...	...	723'00	969'97	1'34
Yilgarn ... ..	...	180	6	74	1	4'30	...	7,487'00	2,791'41	'37
Dundas ... ..	...	120	6	37	...	262'00	141'54	2,391'50	3,655'56	1'52
Phillips River ... ..	...	40	1	...	...	14'00	...	1,128'75	1,011'57	'89
Donnybrook ... ..	...	5	1	...	...	...	...	359'00	61'73	'17
Goldfields generally ... ..	...	60	3	5	...	...	...	...	...	...
Total ... ..		3,854	171	1,100	127	1,461'58	1,124'96	165,044'34	187,036'63	1'13

SYNOPSIS OF THE RETURNS FROM THE GOLDFIELDS TO THE 30TH NOVEMBER, 1902.

Year.	Month.	Alluvial.	Dollied and Specimens.	Ore treated.	Gold therefrom.
Previous to 1897 ... ..	...	ozs. ...	ozs. 6,428'95	tons. 420,226'04	ozs. 553,933'47
1897 ... ..	...	12,353'92	6,110'69	415,424'52	624,201'27
1898 ... ..	...	74,667'08	6,795'23	762,083'63	960,249'50
1899 ... ..	...	50,338'48	11,212'70	1,173,436'69	1,539,211'74
1900 ... ..	...	27,689'46	13,237'08	1,289,347'00	1,472,990'54
1901 ... ..	...	19,915'49	11,305'67	1,572,807'96	1,810,277'16
1902 ... ..	January ... ..	1,155'00	474'93	123,399'38	143,821'63
	February ... ..	1,010'74	836'35	146,600'00	158,108'28
	March ... ..	1,287'65	734'74	148,944'11	161,811'60
	April ... ..	1,101'19	2,194'95	142,905'79	159,224'70
	May ... ..	1,309'11	1,209'64	151,538'58	171,813'39
	June ... ..	1,431'62	1,160'32	157,236'65	173,184'95
	July ... ..	1,534'90	859'03	167,617'25	174,493'92
	August ... ..	1,440'19	1,376'46	167,719'00	182,592'10
	September ... ..	1,672'89	1,978'20	173,377'10	186,965'43
	October ... ..	1,510'23	1,444'65	169,238'35	188,657'41
	November ... ..	1,461'58	1,124'96	165,044'34	187,036'63
	December ... ..	...	...	...	...
Total ... ..		199,879'53	68,484'55	7,346,946'39	8,848,573'72

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

	ozs.
From Marble Bar ... ..	2,082'00
„ Peak Hill ... ..	4,551'60
„ Cue ... ..	1,072'00
„ Yerilla ... ..	275'00
„ Broad Arrow ... ..	250'00
„ Kalgoorlie ... ..	500'00
Total ... ..	8,730'60

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

Goldfield.	1902.			1901.	1900.	1899.	1898.	1897.	Previous to 1897.	Total to date.
	November.	January-October.	Total.							
	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.	ozs.
Kimberley ... ..	10'00	316'40	326'40	297'06	571'15	917'15	440'17	229'30	12,734'00	15,515'23
Pilbarra ... ..	2,047'79	8,949'34	10,997'13	10,264'32	16,616'85	19,291'98	14,413'79	6,825'26	28,470'56	106,879'89
West Pilbarra ... ..	459'02	1,746'49	2,205'51	231'29	953'65	1,934'80	326'70	860'06	337'91	6,849'92
Ashburton ... ..	130'00	848'00	978'00	992'00	1,704'00	1,659'10	500'63	302'95	...	6,136'68
Gascoyne ... ..	...	...	...	90'00	74'00	333'77	13'50	13'55	...	524'82
Peak Hill ... ..	3,410'36	30,098'99	33,509'35	20,255'47	26,571'63	31,953'65	14,969'32	10,883'23	11,070'16	149,212'81
East Murchison ... ..	7,706'89	73,809'37	81,516'26	76,236'10	64,698'03	45,038'90	37,080'32	20,995'07	2,576'00	323,140'68
Murchison ... ..	17,603'29	173,330'78	190,934'07	146,591'93	105,722'31	80,548'71	79,256'39	62,316'19	140,432'28	805,301'88
Yalgoo ... ..	904'42	4,868'40	5,772'82	9,238'25	10,101'86	12,135'94	3,298'95	3,455'79	7,227'00	51,230'61
Mt. Margaret ... ..	17,943'74	170,060'87	188,004'61	190,032'15	145,688'75	79,923'72	49,717'77	22,592'09	4,992'10	680,951'19
North Coolgardie ... ..	13,453'06	153,534'42	166,997'48	148,305'00	106,773'97	116,968'14	72,878'88	61,362'82	26,962'85	700,249'14
Broad Arrow ... ..	1,290'21	16,789'65	18,079'86	34,675'44	52,433'32	48,194'38	27,726'43	14,464'54	9,129'25	204,703'22
North-East Coolgardie ... ..	4,687'68	56,611'55	61,299'23	63,651'70	70,745'86	112,825'45	170,441'73	40,453'10	8,975'95	528,393'02
East Coolgardie ... ..	105,602'75	908,094'34	1,013,697'09	991,368'60	737,970'98	855,404'87	422,391'86	296,764'11	143,828'70	4,461,426'21
Coolgardie ... ..	6,421'85	73,861'93	80,283'78	84,754'03	102,413'01	131,256'89	99,672'84	64,791'48	74,181'76	637,353'79
Yilgarn ... ..	2,795'71	18,657'27	21,452'98	26,587'41	29,155'42	16,371'78	11,769'40	17,072'82	94,194'60	216,604'41
Dundas ... ..	4,059'10	23,052'13	32,111'23	37,084'09	41,083'63	44,213'30	36,798'48	19,283'52	3,979'90	214,554'15
Phillips River ... ..	1,025'57	6,766'27	7,791'84	712'84	39'00	...	...	...	...	8,543'68
Donnybrook ... ..	61'73	...	61'73	3'86	453'10	511'49	14'65	...	...	1,044'83
Goldfields generally ... ..	...	...	...	126'78	146'56	1,278'90	...	...	...	1,552'24
Gross Weight ... ..	189,623'17	1,726,396'20	1,916,019'37	1,841,498'32	1,513,917'08	1,600,762'92	1,041,711'81	642,665'88	569,093'02	† 9,125,668'40
Total { Fine Gold ... ..	162,939'87	1,483,462'02	1,646,401'89	1,669,072'31	1,354,343'36	1,432,035'25	931,910'66	574,925'98	509,108'04	8,117,797'49
{ Sterling Value* ... ..	£692,124	£6,301,346	£6,993,470	£7,089,768	£5,752,885	£6,082,899	£3,958,505	£2,442,130	£2,162,554	£34,432,211

\* Previous to 1901 at £3 16s. per oz.; 1901 at £3 17s. per oz.; 1902 at £3 13s. 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 1902 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 Pilbarra 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. 7,018.00	£ 55,270	tons. 7,018.00	£ 55,270
1899	...	277.32	21,658	57.50	3,612	334.82	25,270	...	...	273.00	4,338	136.00	2,122	...	...	...	2,555.00	4,378	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	...	321.34	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	January	12.09	675	13.50	747	25.59	1,422	...	...	600.00	2,652	...	...	12.00	102	...	...	...	612.00	2,754
Do.	February	26.82	1,498	30.65	2,141	57.47	3,639	...	...	450.00	1,656	...	...	...	...	...	...	...	450.00	1,656
Do.	March	22.67	1,321	2.05	131	24.72	1,452	...	...	380.00	1,458	...	...	...	...	...	...	...	380.00	1,458
Do.	April	41.17	2,408	14.65	1,065	55.82	3,473	...	...	524.00	1,086	...	...	17.00	233	...	...	...	541.00	1,319
Do.	May	38.52	2,474	19.80	1,464	58.32	3,938	...	...	...	...	...	...	...	...	...	...	...	...	...
Do.	June	27.38	1,668	8.85	651	36.23	2,319	...	...	...	...	...	...	...	...	...	...	...	...	...
Do.	July	42.52	2,776	19.10	1,394	61.62	4,170	...	...	...	...	...	...	...	...	...	...	...	...	...
Do.	August	42.71	2,888	5.50	440	48.21	3,328	...	...	...	...	...	...	...	...	...	...	...	...	...
Do.	September	30.89	1,890	31.95	2,237	62.84	4,127	...	...	...	...	...	...	...	...	...	...	...	...	...
Do.	October	21.28	1,282	22.65	1,522	43.93	2,804	...	...	...	...	...	...	...	...	...	...	...	...	...
Do.	November	19.68	1,203	26.80	1,867	46.48	3,070	...	...	...	...	...	...	276.75	875	...	...	...	276.75	875
Do.	December	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	2,950.34	156,229	1,129.30	70,012	4,079.64	226,241	15.65	167	14,426.00	82,646	174.50	2,399	1,428.89	14,853	12,340.00	112,778	28,385.04	212,843	

  

Year.	Month.	IRONSTONE.						LEAD ORE.		SILVER-LEAD ORE.		COAL.		LIMESTONE.						DIAMONDS.	
		West Pilbarra Gf.		State generally.		Total.		Northampton M.D.		Ashburton Gf.		Collie River Coal M.D.		Yilgarn Gf.		State generally.		Total.		Nullagine D.	
		Quantity.	Value.	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. ...	£ ...	tons. 3,508.00	£ 1,761	tons. ...	£ ...	tons. ...	£ ...	tons. ...	£ ...	carats. ...	£ ...
1899	...	...	...	12,852.00	8,939	12,852.00	8,939	82.75	912	...	...	54,336.00	25,951	...	...	17,593.00	2,838	17,593.00	2,838	*	24
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	January	...	...	...	...	...	...	...	...	...	...	10,267.25	6,338	65.00	32	...	...	65.00	32	...	...
Do.	February	...	...	...	...	...	...	...	...	...	...	10,298.95	6,238	54.00	33	...	...	54.00	33	...	...
Do.	March	...	...	4,800.00	2,040	4,800.00	2,040	...	...	35.85	277	9,752.00	6,067	37.50	24	4,118.35	883	4,155.85	907	...	...
Do.	April	...	...	...	...	...	...	...	...	...	...	12,219.00	7,502	50.00	27	...	...	50.00	27	...	...
Do.	May	...	...	...	...	...	...	...	...	...	...	13,205.00	8,112	53.00	26	...	...	53.00	26	...	...
Do.	June	...	...	...	...	...	...	...	...	...	...	10,925.00	6,661	32.50	22	427.00	117	459.50	139	...	...
Do.	July	...	...	...	...	...	...	...	...	...	...	13,053.00	7,912	55.00	28	...	...	55.00	28	...	...
Do.	August	...	...	...	...	...	...	...	...	...	...	12,645.00	7,730	37.00	29	...	...	37.00	29	...	...
Do.	September	...	...	...	...	...	...	...	...	...	...	11,916.70	7,320	35.00	30	...	...	35.00	30	...	...
Do.	October	...	...	...	...	...	...	...	...	...	...	12,947.00	7,963	42.00	32	...	...	42.00	32	...	...
Do.	November	...	...	...	...	...	...	...	...	...	...	10,769.00	6,496	50.00	39	...	...	50.00	39	...	...
Do.	December	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total	100.00	300	50,472.00	33,483	50,572.00	33,783	350.75	1,445	56.90	429	422,087.80	229,447	2,422.85	1,514	54,363.35	10,588	56,736.20	12,102	...	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 30TH NOVEMBER, 1902, SHOWING THE QUANTITY OBTAINED FROM THE RESPECTIVE GOLDFIELDS,  
AND THE ESTIMATED VALUE THEREOF.

Year.	Month.	Kimberley.	Pilbarra.	a West Pilbarra.	Ashburton.	b Gascoyne.	c Peak Hill.	c East Murchison.	Murchison.	d Yalgoo.	e Mt. Margaret.	e North Coolgardie.
Previous to 1899 ...	...	ozs. 24,215·30	ozs. 134,897·05	ozs. 2,028·27	ozs. 4,290·42	ozs. ...	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	19,996·40	1,955·51	239·50	333·07	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 ...	January	...	...	...	...	...	...	2,789·87	11,192·82	...	6,187·58	100·05
	February	...	...	...	...	...	...	...	...	143·50	5,693·05	39·10
	March	...	...	...	...	...	...	2,446·63	11,419·90	...	5,256·98	1,564·34
	April	...	...	...	...	...	...	2,127·75	11,031·26	...	4,825·03	580·64
	May	...	...	...	...	...	...	2,338·65	12,494·10	316·80	4,947·26	37·80
	June	...	...	...	...	...	...	1,980·60	17,542·10	...	5,866·90	228·97
	July	...	...	...	...	...	100·00	2,390·00	9,809·31	...	5,441·96	183·10
	August	...	...	...	...	...	...	2,720·65	15,060·88	102·17	7,708·55	...
	September	...	...	...	...	...	...	2,458·90	17,073·37	...	6,824·54	884·53
	October	...	...	...	...	...	...	5,148·97	20,410·04	...	6,803·66	652·00
	November	1·72	...	...	...	...	...	2,799·60	15,491·62	...	5,837·47	189·87
	December	...	...	...	...	...	...	...	...	...	...	...
	Total	25,063·98	164,580·55	4,654·61	4,588·52	340·34	45,574·77	173,207·29	795,601·74	12,567·16	328,129·27	252,527·63

Year.	Month.	f Broad Arrow.	e North-East Coolgardie.	e East Coolgardie.	g 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. ...	ozs. 2,692,803·88	£ s. d. 10,232,654 14 10
1899 ...	...	36,020·79	64,470·28	890,566·37	113,553·84	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	...	...	6,309·93	999,767·27	3,799,115 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 ...	January	553·65	...	58,373·22	...	...	573·99	153·35	...	1·00	79,925·53	291,728 3 8
	February	396·00	...	54,193·49	177·48	...	199·34	...	...	...	70,353·61	256,790 13 6
	March	405·70	19·10	62,958·80	100·79	...	315·05	472·73	...	3·38	84,963·40	310,116 8 3
	April	312·70	...	52,189·31	52·93	...	502·11	318·36	...	...	71,940·09	262,581 6 7
	May	292·10	...	40,655·16	65·73	3·85	310·95	...	...	4·66	61,467·06	224,354 15 5
	June	231·55	5·48	38,858·86	38·06	...	244·97	335·52	...	...	65,333·01	238,465 9 9
	July	127·95	...	40,729·31	102·57	...	361·97	188·16	...	...	59,439·33	216,953 11 1
	August	157·40	5·61	37,630·63	182·40	...	...	...	...	...	63,568·56	232,925 4 10
	September	...	...	27,196·57	286·82	...	754·68	332·99	...	...	55,813·40	203,715 5 2
	October	...	98·55	41,937·22	29·37	...	631·16	...	...	...	75,708·97	276,337 14 10
	November	...	195·22	46,889·94	1,420·24	...	516·25	1,229·88	5·75	...	74,077·56	270,383 1 10
	December	...	...	...	...	...	...	...	...	...	...	...
	Total	111,048·69	246,178·63	3,668,531·52	725,868·28	219,986·89	120,487·54	3,030·99	315·69	6,557·18	6,908,840·97	26,190,162 14 11

\* To 1900 at £3 16s. per oz.; 1901 at £3 17s. per oz.; 1902 at £3 13s. per oz. a. Prior to 1st May, 1893, included with Pilbarra. b. Prior to 1st March, 1899, included with Ashburton. c. From 1st August, 1897.  
d. Prior to 1st April, 1897, included with Murchison. e. Prior to 1st May, 1896, included with Coolgardie. f. From 1st September, 1897. g. Declared 5th April, 1894, to which date included with Yilgarn.  
h. Prior to 1893 included with Yilgarn. 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 30TH NOVEMBER, 1902, SHOWING THE QUANTITY OBTAINED FROM THE RESPECTIVE GOLDFIELDS AND OTHER COUNTRIES, AND THE ACTUAL VALUE THEREOF.

Year.	Month.	Kimberley.	Pilbarra.	West Pilbarra.	Ashburton.	Gascoyne.	Peak Hill.	East Murchison.	Murchison.	Yalgoo.	Mt. Margaret.	North Coolgardie.	Broad Arrow.	North-East Coolgardie.
1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1900	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1901	...	...	...	...	...	...	...	...	...	...	...	...	...	...
1902	January ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	February ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	March ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	April ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	May ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	June ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	July ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	August ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	September ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	October ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	November ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	December ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...

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.	Quantity.	Actual Value.				
1899	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1900	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1901	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
1902	January ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	February ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	March ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	April ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	May ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	June ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	July ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	August ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	September ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	October ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	November ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	December ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

\* 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.	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.
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.	2 $\frac{3}{4}$	Special Rate for Perth Mint only.
Burbanks	Do.	Fortnightly	0 $\frac{3}{4}$	Do.
Coolgardie	Do.	Do.	0 $\frac{3}{4}$	Do.
Cosmopolitan Proprietary, Ltd.	Do.	Monthly	1 $\frac{1}{4}$	Do.
Cue	Do.	Do.	3	
Field's Find	Do.	Do.	4 $\frac{1}{2}$	
Geraldton	Do.	Do.	2	
Kalgoorlie	Do.	Fortnightly	0 $\frac{1}{4}$	Special Rate for Perth Mint only.
Kanowna	Do.	Do.	0 $\frac{1}{2}$	Do.
King of the Hills	Do.	Monthly	2 $\frac{1}{4}$	Do.
Kookynie	Do.	Do.	1 $\frac{1}{4}$	Do.
Laverton	Do.	Do.	2 $\frac{3}{4}$	Do.
Lawlers	Do.	Do.	3 $\frac{3}{4}$	Do.
Leonora	Do.	Do.	2 $\frac{1}{2}$	Over 6,000ozs. Special Rate for Perth Mint only.
Menzies	Do.	Do.	1 $\frac{1}{2}$	Special Rate for Perth Mint only.
Mt. Malcolm	Do.	Do.	0 $\frac{3}{4}$	Do.
Mt. Morgans	Do.	Do.	1 $\frac{1}{4}$	Do.
Mt. Sir Samuel	Do.	Do.	2 $\frac{1}{4}$	Do.
Munara Gully	Do.	Do.	4 $\frac{1}{4}$	Do.
Nannine	Do.	Do.	3 $\frac{1}{2}$	
Niagara	Do.	Do.	4	
Norseman	Do.	Do.	1 $\frac{1}{4}$	Special Rate for Perth Mint only.
Northam	Do.	Fortnightly	2 $\frac{3}{4}$	Do.
Peak Hill	Do.	Monthly	Nil	2,000 ozs. to 2,500ozs.
			5 $\frac{1}{2}$	2,500 ozs. to 3,000ozs.
			5	Over 3,000ozs.
			4 $\frac{3}{4}$	
Southern Cross	Do.	Fortnightly	Nil	
			6 $\frac{1}{2}$	1,500ozs. to 2,000ozs.
			6	Over 2,000ozs.
			3 $\frac{3}{4}$	Over 6,000ozs. Special Rate for Perth Mint only.
Wiluna	Do.	Monthly		
Yalgoo	Do.	Do.	2 $\frac{3}{4}$	
Yerilla	Do.	Do.	1 $\frac{3}{4}$	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. 10 $\frac{1}{2}$ d. For instance, supposing the Mint return to show:—

Weight before melting	...	...	...	...	Ozs. 47·41
Standard gold	...	...	...	...	38·19

The calculation would be as follows:—

47413819·0 ÷ ·805	·805 × £3 17s. 10 $\frac{1}{2}$ d. =
3792·8	·805 × £3·894
	·805
26200	19470
23705	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 May, 1902.

