

MININD1912-2

THE PROGRESS OF  
THE MINERAL INDUSTRY  
OF  
TASMANIA

FOR THE QUARTER ENDING 30TH JUNE, 1912

COMPILED BY

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BY ORDER OF

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MINISTER FOR MINES



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1912



PROGRESS OF THE  
MINERAL INDUSTRY OF TASMANIA.  
FOR THE QUARTER ENDING 30TH JUNE, 1912.

Hobart, 17th August, 1912.

The following table shows, as far as can be ascertained, the quantities and values of metals and minerals raised during the quarter ending 30th June, 1912, as compared with the previous quarter ending 31st March, 1912:—

	During the Quarter ending 30th June, 1912.		During the Quarter ending 31st March, 1912.	
	Quantity.	Value.	Quantity.	Value.
Gold won .....	oz.	£		£
Silver-lead Ore produced	tons	58,401	7551·568	32,077
† Blister Copper produced	„	22,315·75	21,572·96	68,153
Copper Ore and Copper produced .....	„	1330	1500	111,665
„	„	270	322	1971
Tin Ore produced .....	„	1868	657·93	98,917
„	„	952·935	11,426	5287†
Coal raised .....	„	14,686	6705 ‡	1370
Wolfram Ore produced...	„	15·15	1577	996
Bismuth .....	„	1·75	2·54	2967
Osmiridium .....	oz.	140·53	409	323,403
	...	399,745	...	

\* Fine gold, including gold contained in blister copper and silver-lead bullion.

† Value of gold contents deducted.

‡ Value at pit's mouth.

## GOLD.

During the past quarter 3304·95 oz. gold were obtained from quartz, 88 oz. from alluvial, 2653 oz. by means of the cyanide and chlorination processes, and 2001 oz. from blister copper from the Mt. Lyell Mining and Railway Company Limited, and during the last four quarters 5714 oz. were obtained from the silver-lead bullion from the Tasmanian Smelting Company's works, Zeehan (but only now reported), valued at £58,401.

The following table shows the quantities obtained from the various sources on the different fields during the period under review, together with the totals for the corresponding period of 1911, and the previous quarter ending 31st March, 1912:—

	Gold obtained during the Quarter ending 30th June, 1912.						Totals corresponding Quarter, 1911.	Totals for Quarter ending 31st Mar., 1912.
	From Quartz.	Alluvial.	Cyanide & chlorination.	From Blister Copper.	From Silver-lead Bullion.	TOTAL.		
	oz.	oz.	oz.	oz.	oz.	oz.	oz.	
Beaconsfield	3244	..	2653	...	...	5897	6117	5490
Mathinna ...	11	...	...	...	...	11	841	159·5
Mt. Victoria	} 31	25	...	...	...	56	54	8·5
Warrentinna								
Mt. Cameron	} 18·95	18	...	...	...	36·95	23·5	...
Lefroy .....								
Lisle .....	} ...	12	...	...	...	12	3·75	26
Lilydale.....								
Golconda ...	} ...	33	...	2001	5714*	7748	2426	1874
West Coast.								
<b>TOTALS</b>	<b>3304·95</b>	<b>88</b>	<b>2653</b>	<b>2001</b>	<b>5714</b>	<b>13,760·95</b>	<b>...</b>	<b>...</b>
Totals corresponding Quarter, 1911.....	5314·5	68	1698·5	2418	...	...	9499	...
Totals for Quarter ending 31st Mar., 1912.....	2781·5	50·5	2868	1858	...	...	...	7558

Value, £58,401; equal to 13,748·766 oz. fine gold.

\* For last four quarters.

**BEACONSFIELD.**—The quarter's statistics for the district are as follow:—

	Gold produced, oz.	Men employed.
Tasmania Mine .....	5897	437

*Tasmania Mine.*—Thirteen thousand nine hundred and thirty-six tons of quartz crushed, and 5897 oz. of gold obtained (by amalgamation and cyanide process), which makes a total of 956,108 tons quartz crushed, and 798,587 oz. gold obtained since the mine was first started.

**LEFROY.**—The quarter's statistics are as follow:—

	Gold produced, oz.	Men employed.
Creek Cyanide .....	12·75	} 12
Gray .....	6·20	
Others .....	18	
Total .....	<u>36·95</u>	<u>12</u>

**LISLE, GOLCONDA, &C.**—Twelve ounces of gold have been won from these fields. Six men have been employed.

**ALBERTON.**—Fifty-six ounces were obtained from this district by four men.

*Alluvial Gold and Dredging Companies.*—Gold has been obtained by the following companies in streaming tin:—

	Standard Gold, oz.
South Mt. Cameron Dredge .....	...
South Mt. Cameron T.M. Co. ....	10
Briseis Co. ....	...
Total .....	<u>10</u>

**MATHINNA.**—The quarter's statistics are as follow:—

	Quartz crushed, tons.	Sand treated, tons.	Gold produced, oz.	Men.
New Golden Gate .....	...	...	...	...
Others .....	30	...	11	5
Totals.....	<u>30</u>	<u>...</u>	<u>11</u>	<u>5</u>

WEST COAST.—Mr. Inspector Curtain reports:—

*McDowell Prospecting Association, Linda.*—Mr. Michael Cunningham (the secretary) reports that, following a survey of the property, a second, or deeper, adit that will give 100 feet of "backs" has been started. It will necessitate over 300 feet of driving, of which 50 feet has been accomplished by two men.

Messrs. Nicholson and Ellison, registered goldbuyers at Queens-town and Linda, report the purchasing of 8 oz. of alluvial gold, valued at £27 5s. 2d., six men being employed in its recovery.

The miners working for osmiridium in the Savage River district obtained 12½ oz.; and another parcel of 12½ oz. of alluvial was obtained from Donaldson Range.

### TIN.

The statistics for this metal for the past quarter are as follow:—

	Ore won. tons.	Value. £	Men employed.	
			Europeans.	Chinese.
Northern and Southern Division	10	1000	31	...
North-Eastern Division .....	467	66,191	534	59
Eastern Division .....	80·05	11,038	337	31
North-Western Division .....	352·91	47,351	543	...
Western Division .....	42·975	5325	145	...
Totals ....	<u>952·935</u>	<u>130,906</u>	<u>1590</u>	<u>90</u>

### NORTH-WESTERN DIVISION.

The output has been as under:—

	Ore won. tons.	Men employed.
Mt. Bischoff .....	300	426
Mt. Bischoff Extended .....	37·25	84
Weir's Bischoff Surprise.....	4·66	5
Wombat .....	...	2
Mt. Cleveland .....	11	26
Totals.....	<u>352·91</u>	<u>543</u>

## NORTH-EASTERN DIVISION.

## PIONEER AND GLADSTONE DISTRICTS :—

	Tin ore won. tons.	Men employed.	
		Europeans.	Chinese.
Pioneer Tin Mine .....	155·15	70	...
Aberroe .....	4·25	11	...
South Mt. Cameron .....	26	34	...
Garibaldi .....	2·30	10	2
Clifton Creek .....	34·45	25	...
Yee Gee .....	16·25	9	6
Other Claims .....	26·05	56	28
Totals .....	<u>264·45</u>	<u>215</u>	<u>36</u>

## RINGAROOMA DISTRICT :—

Federal .....	0·35	3	...
Bell's Hill .....	2·35	4	...
Other Claims .....	3·05	24	2
Totals .....	<u>5·75</u>	<u>31</u>	<u>2</u>

## DERBY DISTRICT :—

Briseis Tin Mines .....	135	145	...
Clyde .....	4·30	3	...
Waverley .....	2·40	6	...
Other Derby Claims .....	2·25	14	8
Totals .....	<u>143·95</u>	<u>168</u>	<u>8</u>

## BRANKHOLM DISTRICT :—

Arba Tin Mine .....	31·5	37	...
New Ruby Flat .....	...	18	...
Other Claims .....	3·6	21	13
Totals .....	<u>35·1</u>	<u>76</u>	<u>13</u>

## THE MINERAL INDUSTRY

**MOORINA DISTRICT:—**

	Tin ore won. tons.	Men employed.	
		Europeans.	Chinese.
Wilberforce Pump Co. ....	6·50	9	...
Weld Tin Mine .....	6·30	16	...
Native Youth .....	2·50	6	...
Other Moorina Claims .....	2·15	13	...
<b>Totals</b> .....	<b>17·45</b>	<b>44</b>	<b>...</b>
Straits Islands.....	·3	...	...
<i>Totals for North-Eastern Division</i> .....	<b>467</b>	<b>534</b>	<b>59</b>

**EASTERN DIVISION.**

	Tin ore won. tons.	Men employed.	
		Europeans.	Chinese.
<i>Weldborough Mines.</i>			
Fancy Creek Co. ....	·80	3	...
Other Claims .....	21·70	46	30
<b>Totals</b> .....	<b>22·50</b>	<b>49</b>	<b>30</b>
<i>Lottah and Blue Tier Mines.</i>			
Anchor Mine.....	41·85	142	...
Others .....	1·70	9	1
<b>Totals</b> .....	<b>43·55</b>	<b>151</b>	<b>1</b>
<i>St. Helens Mines.</i>			
Pioneer Co. ....	2·60	6	...
A. Williams .....	·55	3	...
J. C. Macmichael.....	·30	2	...
J. Budgeon .....	·50	5	...
J. Smith .....	·25	2	...
C. Miller .....	·55	4	...
Others .....	1·85	12	...
<b>Totals</b> .....	<b>6·60</b>	<b>34</b>	<b>...</b>
<i>Avoca Mines.</i>			
Rex Hill .....	1·75	2	...
Gipp's Creek.....	1·25	10	...
South Esk .....	2	6	...
Royal George .....	...	30	...
New Roy's Hill .....	...	20	...
Story's Creek.....	2·40	35	...
<b>Totals</b> .....	<b>7·40</b>	<b>108</b>	<b>...</b>
<i>Totals for Eastern Division</i> .....	<b>80·05</b>	<b>337</b>	<b>81</b>

## NORTHERN AND SOUTHERN DIVISION.

	Tin ore won. tons.	Men employed. Europeans.
Shepherd and Murphy Mine...	10	31

## WESTERN DIVISION.

	Tin ore won. tons.	Men employed. Europeans.
Boulder .....	6·25	14
Renison Bell .....	20	64
Montana Tin Syndicate .....	6·025	15
Others.....	10·70	52
Totals .....	42·975	145

Mr. Inspector Harrison reports:—The high price of tin has caused considerable interest to be taken in the North-East Dundas tinfield, and active operations are the order of the day; while out on the west side of the Heemskirk the Tasman River plant has been delivered, and a strong staff of men are busy erecting same. The principal obstacle to the progress of the district is the shortage of good miners. I could place over 100 if obtainable.

*X River Proprietary Syndicate, North-East Dundas.*—The Government Geologist reports:—The underground work done by this syndicate comprises the driving of two crosscut tunnels. The upper one has been driven 225 feet in a direction S. 70° W., intersecting at 122 feet a strong tin ore lode-formation, in connection with which the accompanying slate country has been appreciably impregnated with ore for a considerable distance. Outside the approach from 120 to 150 tons of ore have been stacked, which in a bulk sampling gave an assay of 4·3 per cent. of tin. The ore-stuff consists of vein quartz and silicified slate much tourmalinised, and carries visible tin ore. A little pyrite and arsenopyrite are present, and locally the ore presents a gossanous appearance. Some very rich ore has been exposed in a trench about 60 feet above this tunnel, specimens going as high as 20 per cent. to 40 per cent. tin, and the average from the trench being 4·8 per cent. A bulk sampling of the ore-bearing part of the tunnel for 86 feet gave over 1½ per cent. tin.

A shallow winze in the floor of the tunnel is in ore assaying 1·33 per cent.

The complex nature of the lode-formation, which partakes of the character of a vertical vein system, with lateral offshoots and impregnations, makes it impossible to select one point in it as giving values typical of the whole.

The lateral impregnations will probably be found to give rise to bodies of stone of irregular size and values, so that in practice it will be necessary to treat the ore for such width as proves to be remunerative. The present appearance is that of a strong re-formation, which justifies vigorous developmental work.

A lower adit is being put in to prove the downward continuation of the lode at a depth of 60 feet below the upper tunnel, but has not yet reached the formation.

The lode system traverses the northern section from north to south, and passes into the southern block.

Three-quarters of a chain south of the upper tunnel a trench has been cut into what appears to be the outcrop of a parallel lode west of the main lode. The lode gangue is quartz, and assays have been obtained from 3 per cent. up to 6 per cent. Some good work might be put in here, which might also throw light on the question whether two independent lodes exist of parallel bands in one and the same lode system. The northernmost trench of this line has exposed tin-bearing stone bulking  $\frac{1}{2}$  per cent. for nearly a chain, and 0.7 per cent. for about 9 feet.

A creek in Section 5004 crosses the main lode, and has been worked with results indicative of a good tin-bearing part of the lode. Water is not very plentiful, and the alluvial cannot be considered as being of much importance in itself. From this one may conclude that lode-formations will be the principal sources of revenue on this property.

Developmental work is as yet in too early a stage to admit of the width of the payable part of the lode-formation to be defined with certainty, but the existence of an ore-body of some importance appears to be undoubted. The shattered zone of mineralisation will probably prove to have a general continuousness through the sections, and in this zone, at intervals as yet unascertained, ore-concentrations evidently occur which warrant systematic exploration.

The genetic relations of the ore-deposits are with the granitic magma, which may be assumed to have consolidated below the field, but the visible expression of which is found a couple of miles away in the Pine Hill granite porphyry.

The gabbro occurring on the tramline is the forerunner of the granite, and was an earlier consolidation product from the same igneous reservoir.

A steel tramway  $1\frac{1}{2}$  mile long connects the property with the Emu Bay line, where a siding is to be established.

On other properties to the south-east tin ore lodes also outcrop, and this part of the North Dundas district bids fair to come to the front shortly as a substantial contributor to the general tin output. The essential needs of the district are active developmental work and battery facilities.

## SILVER.

WEST COAST.—The registered output of silver ore in the Western Division for the quarter ending 30th June, 1912, is given below:—

<i>Zeehan Mines:</i>	Ore.	Tons.	Value.	Men.
Zeehan-Montana	galena .....	399·86	£8305	129
Zeehan-Western	„ .....	90·25	1768	28
Zeehan-Queen	flux .....	650	550	7
Ditto	galena .....	22	197	
Mt. Zeehan (Tas.)	„ .....	35	467	10
Lease 903M	„ .....	23	502	4
Oonah	pyrites .....	1326	795	32
South Comstock				
Block 10	galena .....	30·75	151	4
Barnett's	„ .....	5·76	82	2
Bon Accord	„ .....	98	1274	3
Silver Queen Extd.	„ .....	24	480	5
<i>Dundas Mines:</i>				
N. Jupiter	„ .....	„	„	„
Adelaide	galena .....	500	1036	32
Hercules	sulphide.....	8655	28,287	127
Kapi	galena .....	„	„	„
Zeehan-Dundas	„ .....	23	576	30
Ring Valley	fahl ore .....	„	„	„
Comet	gossan .....	5254	4265	30
<i>Rosebery Mines:</i>				
Tasmanian Copper	„ .....	„	„	5
Primrose	sulphide .....	276·17	10,742	29
Metals Extraction Co.	„ .....	„	„	60
<i>Mt. Farrell Mines:</i>				
N. Mt. Farrell	galena .....	578	6680	106
Sterling Valley	„ .....	„	„	8
<i>North Pieman:</i>				
Chester Mine	pyrites .....	2715·36	1108	36
<i>Mt. Lyell:</i>				
Tasman & Crown Lyell Extd.	„ .....	„	„	20
<i>Sundries:</i>				
Dunkley Bros.	„ .....	„	„	87
Tasmanian Smelting Co.	„ .....	„	„	310
Others	„ .....	„	„	75
Total	.....	<u>20,706·15</u>	<u>£67,265</u>	<u>1179</u>

Mr. Inspector Harrison reports:—In forwarding returns for quarter ending June 30 I am pleased to state that there is a much better feeling existing with respect to mining in this district than what there has been for a considerable time.

Several new finds have been opened up lately. H. Quigley and party are opening up a very promising mine south-west of the Austral Valley. It is situated on one of the leading spurs of Mt. Zeehan. By means of an adit they have obtained about 70 feet of backs on a lode which will average 2·6 inches wide, 18 inches of which is firsts, assaying 80 oz. of silver and 79 per cent. lead. The lode has been traced to the roots of the button-grass. On the west side of the field some of the old mines are being reopened with favourable results, while the Bon Accord on the north is turning out ore of a gross value of £13 per ton.

Although the number of tons mined is slightly under that of the previous quarter, the value obtained is over £10,000 better.

**ZEEHAN DISTRICT.**—*Zeehan-Montana Mine.*—Mr. John Craze, manager, reports:—There is no material change in the operation of the mine. The present exploratory work is confined to Nos. 2 and 8 lodes, Nos. 2, 3, 4, and 5 levels. At No. 5 level we are now driving south-westerly to reach No. 2 slide. On cutting this slide we intend driving under and along its course, with the hope of finding a new make of ore. There are 16 stopes in operation, and so long as present prices for metals continue we may be said to be paying our way.

*Zeehan-Western.*—Mr. John Craze, manager, reports:—Mining operations are being conducted at both No. 1 shaft and at the south boundary incline shaft. On the former we are stopping a small vein, a branch of No. 1 lode, with fair results; while at the south boundary shaft we are operating on Nos. 1 and 2 lodes. The ore-veins are small, but with present prices we manage to a little more than pay our way.

**DUNDAS DISTRICT.**—*Adelaide Mine.*—Mr. G. Ahern, manager, reports:—The crosscuts east and west from the 270-foot level are advancing slowly, as the ground is very hard. The west crosscut should penetrate the large iron blow showing on the surface in 90 feet of driving. The east crosscut has to be driven 140 feet to reach the Anderson lode, which has been worked at shallow levels in previous years with satisfactory results.

**MT. READ DISTRICT.**—*Hercules Mine.*—Mr. C. H. Moxon, manager, reports:—For the quarter ore-production has been continuous, a total of 8655 tons being mined; 7671 tons of lead sulphide ore were sent to the Tasmanian Smelting Company's work, and 984 tons of zinc blende ore were exported to Europe. Practically

all the output was won from the "E" ore-body, which continues to open up with satisfaction, there being substantial quantities yet to obtain in the existing stopes. Developmental work has been restricted through the dearth of competent miners.

*Tasmanian Smelting Company.*—Mr. H. Harris, manager, reports:—Ore bought during the quarter, 12,670 tons, containing 1216 tons lead, 161,673 oz. silver, 1716 oz. gold. Exported, 1211 tons bullion, containing 1173 tons lead, 147,111 oz. silver, 1578 oz. gold.

Particulars of bullion exported since smelting operations were restarted have now been furnished, as follow:—

		Lead.	Silver.	Gold.
	tons.	tons.	oz.	oz.
1911.				
Quarter ending 30th Sept., 1911 .....	1470	1416	163,742	1176
Quarter ending 31st Dec., 1911 .....	1858	1788	195,158	1498
1912.				
Quarter ending 31st March .....	1147	1111	134,879	1462

MT. LYELL DISTRICT.—*Tasman and Crown Lyell Extended.*—Mr. Edward Carter, the mining manager, reports:—The crosscut of the No. 3 adit was extended 90 feet, and broke through to the No. 2 galena lode, from which 150 tons of ore (crude) have been obtained. At the concentrating mill an addition to house the electric light plant and new engine to drive the tables—of which three more have been installed—has been erected, with an average of 20 men employed.

#### NORTH-WESTERN DIVISION.

	Tons.	Value.	Men.
Magnet Mine.....	1493	£17,095	243
Victorian Magnet .....	...	...	7
Others .....	...	...	4
	<u>1493</u>	<u>£17,095</u>	<u>254</u>

#### NORTHERN AND SOUTHERN DIVISION.

	Tons.	Value.	Men.
Round Hill Mine .....	101.5	£637	12
Devon Mine .....	15.1	332	2
	<u>116.6</u>	<u>£969</u>	<u>14</u>

## COPPER.

*Mt. Lyell Mine.*—Mr. Robert Sticht, general manager, reports:—

## Ores and metal-bearing fluxes treated at Reduction Works:—

	Dry Weight.			
	tons.	cwt.	qr.	lb.
Mt. Lyell Mine ore .....	44,405	2	2	0
North Lyell Mine ore .....	28,149	4	2	17
Purchased ore.....	41	18	2	20
Metal-bearing flux from Nth. Lyell Mine.....	57	0	2	3
	<u>72,653</u>	<u>6</u>	<u>1</u>	<u>12</u>

## Number of men employed:—

At the Company's Mt. Lyell Mine .....	900
"    "    North Lyell Mine.....	427
"    "    Crotty Leases .....	21
	<u>748</u>
"    "    Reduction Works.....	607
Railway Department—Mt. Lyell Railway .....	132
"    "    North Lyell Railway...	17
	<u>149</u>
Total.....	<u>1504</u>

## Quantity and value of metal produced:—

Blister copper, 1330 tons, containing—			
Copper, 1313 tons, valued at.....	£101,114	2	7
Silver, fine, 96,013 oz., valued at .....	12,037	12	7
Gold, fine, 2001 oz., valued at .....	8504	5	0
Total .....	<u>£121,656</u>	<u>0</u>	<u>2</u>

*Mt. Lyell Mining and Railway Company's Group.*—Mr. Inspector Curtain reports:—Work at the company's principal mines is assuming normal conditions, which may be stated to be well established at the Mt. Lyell Mine, where the required (maximum) quantity of pyritic ore is obtained, principally from the underground levels (3), whose stopes have been satisfactorily opened for this purpose. The quota from the open-cut is diminishing, as the chief objective of the latter is to supply "filling," which is now kept well up to requirements in this mine. At the North Lyell Mine development continues on the 700-feet, 850-feet, 1000-feet, and

1100-foot levels, where the ground-floor areas of No. 2 substopes—22, 40, and 41—are increasing. Recently the adjoining (North Lyell-Comstock-Tasman) property was acquired, and by diamond-drilling ore of similar character to that mined in the deeper levels mentioned has been established within its boundary; the service of this means of prospecting when capably directed being most pronounced and appreciated. At the reduction works three furnaces are again in blast, and from this forward the customary quantity of "blister copper," with its usual accretions of gold and silver, may be confidently anticipated.

Towards the completion of the Lake Margaret hydro-electric installation some 70 to 100 men are engaged on the continuation of the "Crown Hill" section of the company's 2-foot tramway, which, when finished (5 miles), will permit the more important factors of this scheme, including breast, pipe, and cable work at and from the lake to the generating station and reduction works, being undertaken.

At the Lyell Blocks Mine Mr. Robert Ferguson reports that the main shaft has been carried to a total depth of 976 feet below the vertical contour of the surface, or 446 feet from its "collar set," on the level of the Consols adit, from which it was started; the country sunk through being a mixture of hematite and schist carrying quantities of iron pyrites. Twenty-four men employed.

On behalf of the Darwin Syndicate Mr. James Souter reports that owing to time devoted to surface prospecting only 18 feet of driving had been done. This consisted of driving north and south from their eastern crosscut with encouraging results, particularly from the north, where ore of good grade is showing, and gradually rising as the drive progresses; two men employed. With the advance in the price of copper other shows in this part of the district (Lyell) have occupied attention—particularly the old Jukes Proprietary—which will, in all probability, be in operation at an early date.

## NORTH-WESTERN DIVISION.

	Tons.	£	Men employed.
Murray's Reward (Balfour)...	270	1868	30
Others (estimated) ditto .....	...	...	100
Jasper Co. (Heazlewood).....	...	...	14
Totals .....	<u>270</u>	<u>1868</u>	<u>144</u>

## COAL.

The output this quarter was 14,686 tons, against 11,426 tons the previous quarter. The output of the respective collieries was as follows:—

Colliery.	Tons raised.	Value at mine. £	Men employed.
Cornwall Colliery .....	5633	2535	65
Mt. Nicholas „ .....	8335	3751	81
Enterprise „ .....	...	...	2
Spreyton „ .....	166	116	4
York Plains „ .....	182	118	2
Illamatha „ .....	20	10	2
Catamaran „ .....	350	175	4
Totals .....	<u>14,686</u>	<u>£6705</u>	<u>160</u>

## BISMUTH.

The output of bismuth during the quarter was as follows:—

	Tons.	£	Men.
Shepherd and Murphy Mine .....	<u>1·75</u>	<u>700</u>	<u>...</u>

## WOLFRAM.

The output of wolfram during the quarter was as follows:—

	Tons.	£	Men.
Avoca Mines.....	7·50	750	...
Shepherd and Murphy Mine .....	4	400	...
Iris Mine .....	2·40	317	3
Gurr's Mine .....	1·25	110	3
Lady Barron Mine .....	...	...	1
Totals .....	<u>15·15</u>	<u>1577</u>	<u>7</u>

## OSMIRIDIUM.

The output of osmiridium during the quarter was as follows:—

	ozs.	£	Men.
Savage River District .....	<u>140·53</u>	<u>1108</u>	<u>100</u>

The following return shows the average number of men employed in or about the mines during the quarter ending 30th June, 1912:—

District.	Europeans.	Chinese.	Total.
Northern and Southern .....	519	...	519
North-Eastern .....	538	59	597
Eastern .....	490	31	521
North-Western .....	1041	...	1041
Western .....	2860	...	2860
<b>Total .....</b>	<b>5448</b>	<b>90</b>	<b>5538</b>

Value of mineral output per man:—£72 3s. 7·727d.

Dividends paid by mining companies during quarter ending 30th June, 1912:—

	£	s.	d.	£	s.	d.
<b>From Copper Mines:—</b>						
Mt. Lyell Mining & Railway Co. Ltd. ....	...			45,066	0	0
<b>From Tin Mines:—</b>						
Mt. Bischoff Tin Mining Co. ....	18,000	0	0			
Pioneer Tin Mining Co. Ltd. ....	12,093	0	0			
S. & M. Syndicate .....	...					
Arba Tin Mining Co. N.L. ....	...					
Briseis Tin Mining Co. ....	10,500	0	0			
				40,593	0	0
<b>From Silver Mines:—</b>						
Hercules Gold and Silver Mine .....	5996	0	0			
Zeehan-Montana Mines .....	2000	0	0			
				7996	0	0
<b>From Coal Mines:—</b>						
Cornwall Coal Co. ....	...			906	0	0
<b>Total .....</b>				<b>£94,561</b>	<b>0</b>	<b>0</b>