1878.

VICTORIA.

REPORTS

OF THE

MINING SURVEYORS & REGISTRARS.

QUARTER ENDED 31ST MARCH 1878.

PRESENTED TO BOTH HOUSES OF PARLIAMENT BY HIS EXCELLENCY'S COMMAND.

By Authority:
JOHN FERRES, GOVERNMENT PRINTER, MELBOURNE.

No. 10.

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BALLARAT MINING DISTRICT.

Ballarat Central Division	Mr. D. Christy, Mining Registrar	6, 11, 13, 14, 17, 21
Ballarat Southern Division	Mr. George Perry, Mining Registrar	6, 14, 16, 17, 21
Buninyong Division	Mr. Robert M. Harvey, Mining Surveyor and Registrar	6, 17, 22
Smythesdale Division	Mr. John Lynch, Mining Surveyor and Registrar	6, 16, 17, 22
Creswick Division	Mr. James Stevenson, Mining Surveyor and Registrar	6, 13, 17, 22
Gordon Subdivision	Mr. Thomas Cowan, Mining Surveyor and Registrar	6, 17, 23
Steiglitz Subdivision	Mr. W. W. Greene, Mining Registrar	6, 13, 17, 23
Blackwood Division and Blue Mountain South Subdivision	Mr. John F. Hansen, Mining Registrar	7, 13, 16, 17, 23
Ballan Subdivision	Mr. S. Cooper, Mining Registrar	17, 24

BEECHWORTH MINING DISTRICT.

Beechworth Division	Mr. Alexander Alderdice, Mining Registrar	7, 17, 24
Yackandandah North Subdivision	Mr. J. C. Forster, Mining Registrar	24
Yackandandah South Subdivision	Mr. J. Smart, Mining Registrar	7, 17, 24
Wandiligong Subdivision	Mr. T. C. Kaighen, Mining Registrar	7, 12, 14, 18, 25
Indigo Division	Mr. G. Anderson, Mining Registrar	7, 17, 25
Buckland Division	Mr. J. Darbyshire, Mining Surveyor and Registrar	7, 18, 25
Alexandra Subdivision	Mr. R. W. S. Greig, Mining Surveyor and Registrar	8, 12, 18, 25
Dry Creek Subdivision	Mr. J. Pemberton, Mining Registrar	18, 25
Gaffney's Creek Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	8, 18, 26
Wood's Point Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	8, 12, 18, 26
Big River Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	8, 18, 26
Mitta Mitta North Subdivision	Mr. J. C. Forster, Mining Registrar	8, 18, 26
Mitta Mitta South Subdivision	Mr. D. H. Gilmore, Mining Registrar	18, 26
Jamieson Subdivision	Mr. W. H. Edwards, Mining Registrar	8, 18, 26

SANDHURST MINING DISTRICT.

Sandhurst Division	Mr. N. G. Stephens, Mining Registrar	8, 12, 13, 18, 27
Kilmore Division	Mr. James W. Osborn, Mining Registrar	18, 27
Heathcote Division and Waranga South Subdivision	Mr. E. C. Bell, Mining Registrar	9, 12, 18, 28
Waranga North Subdivision	Mr. Henry Hicks, Mining Registrar	9, 12, 16, 18, 28

MARYBOROUGH MINING DISTRICT.

Maryborough Division	Mr. P. Virtue, Jun., Mining Registrar	9, 12, 13, 15, 18, 28
Majorca Subdivision	Mr. John M. Murphy, Mining Registrar	19
Amherst Division	Mr. Joseph Smith, Mining Surveyor and Registrar	9, 12, 15, 19, 29
Avoca Subdivision	Mr. D. O'Leary, Mining Surveyor and Registrar	19, 29
Dunolly and Tarnagulla Division	Mr. W. G. Couchman, Mining Surveyor and Registrar	9, 15, 16, 19, 29
Inglewood Division	Mr. W. H. Coffey, Mining Registrar	9, 15, 19, 29
Wedderburn Division	Mr. J. Reach, Mining Registrar	19, 29
Redbank Subdivision	Mr. D. O'Leary, Mining Surveyor and Registrar	19, 29
St. Arnaud South Subdivision	Mr. W. G. Couchman, Mining Surveyor and Registrar	9, 12, 19, 30
St. Arnaud North Subdivision	Mr. W. G. Couchman, Mining Surveyor and Registrar	9, 12, 19, 30

CASTLEMAINE MINING DISTRICT.

Castlemaine Division	Mr. T. L. Brown, Mining Surveyor and Registrar	10, 12, 13, 15, 19, 30
Fryer's Creek Division	Mr. Mark Amos, Mining Surveyor and Registrar	10, 13, 15, 16, 19, 30
Hepburn Division	Mr. Thos. Hale, Mining Registrar	10, 15, 16, 19, 31
Taradale and Kyneton Subdivision	Mr. Thomas Orwin, Mining Registrar	10, 19, 31
Tarrangower Division	Mr. Robt. Nankivell, Mining Surveyor and Registrar	10, 12, 13, 15, 19, 31
St. Andrew's Division	Mr. Alfred Armstrong, Mining Surveyor and Registrar	10, 15, 20, 31
Blue Mountain North Subdivision	Mr. Graham McPherson, Mining Registrar	20, 32

ARARAT MINING DISTRICT.

Ararat Division	Mr. Thos. Foyster, Mining Registrar	20, 32
Pleasant Creek Division	Mr. H. C. Bate, Mining Surveyor and Registrar	11, 16, 20, 32
Barkly Division	Mr. H. C. Bate, Mining Surveyor and Registrar	20, 32
Raglan Division	Mr. C. W. Minchin, Mining Registrar	15, 20, 32

GIPPSLAND MINING DISTRICT.

Omeo Subdivision	Mr. W. Phipps, Mining Registrar	20, 33
Mitchell River Subdivision	Mr. John Grimes Peers, Mining Surveyor and Registrar	20, 33
Boggy Creek Subdivision	Mr. J. Fletcher, Mining Registrar	20, 33
Crooked River Division	Mr. James Travis, Mining Registrar	11, 20, 33
Jericho Division	Mr. R. J. Donaldson, Mining Registrar	20, 33
Donnelly's Creek Division	Mr. O. P. Whitelaw, Mining Surveyor and Registrar	11, 20, 33
Stringer's Creek Division	Mr. W. M. Smith, Mining Registrar	11, 13, 20, 33
Aberfeldy Subdivision	Mr. J. McCann, Mining Registrar	11, 20, 34
Russell's Creek Division	Mr. C. H. Williams, Mining Registrar	20, 34
Bendoc Subdivision	Mr. John Nichol, Mining Registrar	20, 34
Tarwin Subdivision	Mr. G. R. Murphy, Mining Registrar	20, 34
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TABLE SHOWING APPROXIMATELY THE NUMBER OF MINERS EMPLOYED, THE MACHINERY IN USE AND ITS VALUE, ON THE SEVERAL GOLDFIELDS IN THE COLONY OF VICTORIA.

(Compiled from the Mining Surveyors and Registrars' Reports for the Quarter ended 31st March 1878.)

DISTRICT, DIVISION, AND SUBDIVISION.	Alluvial Miners.		Quartz Miners.		Total Number of Miners.	MACHINERY EMPLOYED IN ALLUVIAL MINING.													MACHINERY EMPLOYED IN QUARTZ MINING.								Approximate Value of Mining Plant.	Number of Square Miles of Auriferous Ground actually worked upon.	Number of distinct Quartz Reefs actually proved to be Auriferous.	Price of Gold per ounce.	
						Steam Engines employed in Winding, Pumping, &c.													Steam Engines employed in Winding, Pumping, Crushing, &c.											From	To
	Europeans.	Chinese.	Europeans.	Chinese.		Number.	Aggregate Horse-power.	Steam Puddling Machines.	Buddles.	Horse Puddling Machines.	Whims.	Whips or Pulleys.	Sluices, Toms, and Sluice-boxes.	Hydraulic Hoses.	Pumps.	Water-wheels.	Quicksilver and Compound Cradles.	Stamp-heads (crushing cement).	Boring Machines.	Number.	Aggregate Horse-power.	Crushing Machines driven by other power than Steam.	Stamp-heads (crushing quartz or other vein stuff).	Buddles.	Winding, Washing, Pumping, or other Machines moved by Water-power.	Whims.	Whips or Pulleys.	Boring Machines used in Blasting.	£			£ s. d.	£ s. d.
BALLARAT.																															
Central Division	440	190	1,630	20	2,280	32	1,948	30	1	14	12	11	18	—	24	—	14	—	—	62	1,363	—	469	4	—	16	11	—	116,990	39	24	4 0 0	4 2 9
Southern Division	522	282	155	1	960	2	20	—	—	14	2	12	35	1	6	—	—	—	1	10	174	—	78	—	—	5	3	—	16,000	13	18	4 1 9	4 2 6
Buninyong Division	190	80	275	44	590	11	220	6	—	19	8	1	17	—	8	—	—	—	—	9	200	—	70	1	—	6	1	—	31,000	16½	13	4 0 0	4 2 9
Smythesdale Division	614	810	70	—	1,494	42	965	51	1	14	7	—	32	—	—	—	1	10	—	5	85	—	32	2	—	—	—	—	24,660	18	12	4 0 0	4 2 6
Creswick Division	625	275	850	—	1,750	23	500	20	—	50	14	3	800	—	—	—	—	—	—	32	1,055	1	254	23	—	8	6	1	102,000	13	16	4 0 0	4 2 9
Gordon Subdivision	—	—	366	12	378	—	—	—	—	—	—	—	—	—	—	—	—	—	—	18	477	—	101	—	—	5	—	—	18,531	3½	19	3 18 0	3 19 6
Steiglitz Subdivision	43	65	113	8	229	—	—	—	—	—	—	—	20	—	—	—	—	—	—	9	160	—	54	1	—	13	7	—	7,225	50	75	3 16 0	4 0 6
Blackwood Division and Blue Mountain South Subdivision	140	265	400	5	810	—	—	—	—	—	—	—	450	—	20	15	—	—	—	25	547	9	275	—	—	18	—	—	63,000	4½	31	3 17 6	4 0 0
Ballan Subdivision	—	—	4	—	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	10	—	8	—	—	—	—	—	400	1	3	3 17 6	4 0 0
Totals	2,574	1,967	3,864	90	8,495	110	3,653	107	2	111	43	27	1,372	1	58	15	15	10	1	171	4,071	10	1,287	31	—	71	28	1	379,806	158½	221		
BEECHWORTH.																															
Beechworth Division	838	743	124	—	1,705	25	270	—	—	4	8	3	5,200	3	52	20	—	—	2	7	115	5	75	—	1	5	—	3	53,260	47	105	3 18 0	4 2 6
Yackandandah North Subdivision	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yackandandah South Subdivision	220	205	130	—	555	2	10	—	—	—	—	—	3,000	3	24	21	—	—	—	4	71	—	40	3	—	2	—	—	10,000	14	88	3 10 0	4 1 6
Indigo Division	165	120	118	—	403	9	249	11	—	6	4	6	39	—	7	—	—	—	1	3	41	—	28	—	—	—	1	—	26,118	8	26	3 18 0	4 2 0
Wandiligong Subdivision	10	25	150	—	185	—	—	—	—	—	—	—	210	—	—	—	—	—	—	9	130	5	125	—	—	—	—	—	15,800	26	155	3 15 0	4 1 6
Buckland Division	89	655	199	—	943	—	—	—	—	—	—	—	1,600	—	28	32	—	—	1	8	115	8	124	1	—	—	1	—	19,680	51	164	3 15 0	4 0 0
Alexandra Subdivision	90	15	85	—	190	1	10	—	—	4	5	30	—	—	—	4	—	—	—	9	120	1	100	—	—	5	7	—	12,280	35	74	3 14 0	4 2 0
Dry Creek Subdivision	25	43	10	4	82	—	—	—	—	—	—	—	400	—	—	—	—	—	—	—	—	1	10	—	—	—	—	—	1,900	7½	1	3 15 6	4 0 0
Benalla Subdivision	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10	3	—	—
Gaffney's Creek Subdivision	62	2	60	—	124	—	—	—	—	—	—	—	150	—	12	12	—	—	—	4	64	12	172	1	3	—	—	—	17,634	24	19	3 15 6	3 19 0
Wood's Point Subdivision	80	4	92	—	176	—	—	—	—	—	—	—	190	—	12	12	—	—	—	11	162	7	193	2	—	1	1	—	27,022	18	95	3 16 0	4 1 0
Big River Subdivision	52	4	30	—	86	—	—	—	—	—	—	—	150	—	8	8	—	—	—	6	60	—	47	—	—	—	—	—	5,460	33	14	3 15 0	3 16 6
Mitta Mitta North Subdivision	—	—	450	—	450	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	90	—	—	—	—	1	2	—	14,150	30	12	3 8 0	3 17 0
Mitta Mitta South Subdivision	60	41	—	—	101	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1,000	16	—	3 10 0	3 12 0
Jamieson Subdivision	100	20	200	—	320	—	—	—	—	—	—	—	450	—	—	—	—	—	—	4	47	3	27	—	—	—	—	—	16,000	9	27	3 14 0	3 18 3
Totals	1,791	1,377	1,648	4	5,320	37	539	11	—	14	17	39	11,389	6	143	109	—	—	4	73	1,018	42	941	7	4	14	12	3	220,304	328½	783		
SANDHURST.																															
Sandhurst Division	850	780	3,740	30	5,400	10	190	—	—	60	—	—	1	—	10	—	3	120	—	210	3,910	—	1,240	3	—	185	190	2	460,000	23	321	3 18 3	3 18 3
Kilmore Division	12	8	20	—	40	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26	126	3 17 6	3 18 6
Heathcote Division and Waranga South Subdivision	155	40	390	—	585	—	—	—	—	40	4	10	30	—	50	—	—	—	—	19	374	—	129	—	—	7	20	—	26,392	81	204	3 18 6	4 1 0
Waranga North Subdivision	124	50	132	—	306	—	—	—	—	27	—	—	—	—	—	—	—	—	—	10	190	—	79	—	—	3	12	—	11,220	11	126	3 13 0	4 2 6
Totals	1,141	878	4,282	30	6,331	10	190	—	—	127	4	10	31	—	60	—	3	120	—	239	4,474	—	1,448	3	—	195	222	2	497,612	141	777		
MARYBOROUGH.																															
Maryborough Division	1,625	350	965	—	2,940	37	1,223	32	—	171	34	11	6	—	4	2	40	125	4	27	614	—	209	2	—	30	27	—	141,252	5	165	3 19 0	4 1 0
Majorca Subdivision	67	12	—	—	79	7	167	10	—	6	7	—	10	—	9	—	7	—	—	—	—	—	—	—	—	6	16	—	10,080	2½	1	4 0 0	4 1 0
Amherst Division	260	200	110	—	570	5	60	8	—	27	9	26	35	—	40	2	28	1	—	5	66	—	34	—	—	4	4	—	12,000	5	30	3 15 0	4 2 0
Avoca Subdivision	330	592	8	—	930	1	25	—	—	100	—	—	34	—	17	—	4	—	1	5	88	—	73	—	—	4	4	—	6,259	18½	40	3 19 0	4 2 0
Dunolly and Tarnagulla Divisions	310	210	380	—	900	4	92	2	—	55	11	—	—	—	—	—	8	—	—	25	495	—	160	—	—	26	19	—	47,990	16	185	3 15 0	4 1 6
Inglewood Division	600	350	86	—	1,036	4	120	2	—	2	—	1	4	—	2	—	15	24	—	7	120	—	40	—	—	6	—	—	15,100	17	71	3 17 0	4 0 0
Wedderburn Division	131	25	—	—	156	—	—	—	—	6	2	—	—	—	—	—	—	—	—	1	25	—	10	—	—	1	—	—	695	37	9	3 18 8	3 18 8
Redbank and St. Arnaud South Subdivisions	230	110	55	—	395	—	—	—	—	20	2	1	9	—	—	—	6	—	—	4	65	—	22	—	—	4	4	—	6,088	14½	28	3 15 0	4 2 0
St. Arnaud North Subdivision	105	40	270	—	415	—	—	—	—	8	—	—	5	—	—	—	—	—	—	19	400	—	134	2	—	17	22	—	44,186	7	70	3 15 0	4 0 0
Totals	3,708	1,889	1,874	—	7,471	58	1,687	54	—	398	65	39	103	—	72	4	108	150	5	93	1,873	—	682	4	—	94	93	—	283,650	122½	599		
CASTLEMAINE.																															
Castlemaine Division	329	305	321	—	955	1	20	3	—	63	—	—	109	6	6	—	—	—	—	36	654	—	282	4	—	23	26	—	67,747	9½	103	3 18 0	4 0 0
Fryer's Creek Division	795	685	199	—	1,679	4	78	—	—	47	6	15	306	—	33	2	2	24	—	19	486	—	146	4	1	9	15	—	70,794	28½	37	3 17 6	3 18 6
Hepburn Division	403	395	420	—	1,128	—	—	1	—	15	3	55	80	2	38	—	1	—	1	27	473	—	180	1	3	35	42	—	34,567	82	88	3 15 0	4 0 0
Taradale and Kyneton Subdivision	168	140	95	—	403	5	139	—	—	10	10	—	4	—	—	—	5	—	—	10	267	—	88	—	—	—	—	—	25,008	22	19	3 18 0	3 18 6
Tarrangower Division	63	202	220	—	485	1	4	—	—	14	—	2	9	—	14	—	22	—	—	33	712	—	240	—	—	29	—	—	53,061	4½	75	3 18 0	4 0 0
St. Andrew's Division	173	47	127	—	347	1	10	1	—	6	6	6	20	6	3	3	—	—	—	10	180	3	34	—	1	6	—	—	8,842	15½	75	3 18 0	4 0 6
Blue Mountain North Subdivision	60	—	—	—	60	1	10	—	—	—	—	—	—	—	—	—	—	—	—	1	10	—	—	—	—	—	—	—	650	4	4	3 16 6	3 17 0
Totals	1,991	1,684	1,382	—	5,057	13	261	5	—	155	25	78	528	14	94	5	30	24	1	136	2,782	3	970	9	5	102	83	—	260,669	166	401		
ARARAT.																															
Ararat Division	105	330	35	—	470	4	35	—	—	11	3	4	30	—	12	—	4	25	—	5	102	—	35	—	—	2	3	—	11,860	34	27	3 18 0	4 1 0
Pleasant Creek Division	525	255	878	3	1,661	10	160	1	1	—	4	—	25	—	—	—	24	70	1	39	1,475	—	346	—	—	48	10	—	157,214	27	37	3 13 0	4 1 0
Barkly Division	275	150	—	—	425	1	10	—	—	12	2	—	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	865	16	9	3 19 6	4 0 6
Raglan Division	231	109	15	—	355	7	123	2	—	10	9	2	10	—	1	—	—	—	—	1	10	—	8	—	—	1	2	—	10,700	6½	5	4 1 3	4 1 3
Totals	1,136	844	928	3	2,911	22	328	3	1	33	18	6	70	—	13	—	28	95	1	45	1,587	—	389	—	—	51	15	—	180,639	83¼	78		
GIPPSLAND.																															
Omeo Subdivision	91	282	32	—	405	—	—	—	—	—	—	—	935	2	22	22	—	—	—	1	17	1	20	—	—	—	—	—	6,090	11	23	3 12 0	3 17 6
Mitchell River and Boggy Creek Subdivisions	161	70	4	—	235	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	18	—	—	—	—	1	—	—	700	19	21	3 15 0	3 17 6
Crooked River Division	172	63	20	—	255	—	—	—	—	—	—	—	240	—	12	10	—	—	—	8	137	4	126	—	—	—	—	1	32,280	49½	350	3 9 0	3 18 6
Jericho Division	63	60	8	—	131	—	—	—	—	—	—	—	90	—	20	20	—	—	—	3	35	—	35	1	—	—	—	—	4,300	26	33	3 15 0	3 17 6
Donnelly's Creek Division	19	5	53	—	77	1	10	—	—	—	1	—	30	—	—	—	—	—	—	3	58	3	62	—	—	—	—	—	12,550	6½	18	3 10 0	3 19 0
Stringer's Creek Division	70	—	404	—	474	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17	355	1	126	2	—	—	—	—	46,430	7	13	3 10 0	4 0 0
Aberfeldy Subdivision	72	3	66	—	141	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	60	2	60	—	—	—	—	—	12,500	20	4	3 15 0	3 17 10
Russell's Creek Division	19	—	4	—	83	—	—	—	—	2	1	—	12	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	26	35	16	3 10 0	3 18 0
Bendoc Subdivision	33	16	—	—	49	—	—	—	—	—	—	—	36	—	4	4	—	—	—	—	—	1	9	—	—	—	—	—	334	27	15	3 15 0	3 16 6
Tarwin Subdivision	28	2	22	—	52	2	20	1	—	2	7	6	4	—	1	—	—	10	1	3	37	1	25	—	—	—	—	—	3,545	3	4	3 15 0	3 16 0
Traralgon Subdivision	54	—	—	—	54	—	—	—	—	—	—	—	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	60	1½	1	3 16 0	3 19 0
Totals	842	501	613	—	1,956	3	30	1	—	4	10	6	1,359	2	59	58	—	10	1	40	707	13	463	3	—	1	—	1	118,815	205½	498		
GRAND TOTALS	13,183	9,640	14,591	127	37,541	253	6,688	191	3	842	182	205	14,852	23	499	191	184	409	13	797	16,512	68	6,180	57	9	523	453	7	1,941,495	1,205	3,357		

THOS. COUCHMAN,
Secretary for Mines.

Office of Mines, Melbourne, 18th April 1878.

No. 10.

TABLE

SHOWING THE YIELD OF GOLD FROM CERTAIN PARCELS OF QUARTZ RAISED DURING THE QUARTER IN SOME OF THE DEEPEST MINES IN VICTORIA, WITH THE DEPTH OF THE DEEPEST SHAFTS WHICH ARE NOW BEING SUNK, OR THE SINKING OF WHICH HAS RECENTLY BEEN STOPPED, ETC.

(Compiled from Returns made by the Mining Surveyors and Registrars for the Quarter ended 31st March 1878.)

DISTRICT, DIVISION, AND SUBDIVISION.	NAME OF COMPANY.	NAME OF REEF.	Depth at which the Quartz was got.	Quantity Crushed.	Average Yield of Gold per Ton.	Width of the Reef.	Dip of the Reef from the Horizon.	Dip of the Shoot of Quartz.	Strike of the Reef (Bearing).	NAME OF COMPANY.	NAME OF REEF.	Depth of Shaft.	Depth of the deepest Level.	Depth of the deepest Cross-cut.	REMARKS.
BALLARAT.			Feet.	Tons.	Oz. dwt. gr.	Ft. in.						Feet.	Feet.	Feet.	
Central Division	Temperance	Band of Hope	400 to 800	1,500	0 6 20	2 0	W. 2 ft. in 6 ft.	S. 2 ft. in 6 ft.	S.W.	Temperance	Band of Hope	950	850	..	
Southern Division	New Kangaroo	Kangaroo	218	724	0 5 12	5 0	W. 70°	S.	N. 7° W.	Hopewell	Staffordshire	522	500	500	
Buninyong Division	Imperial	Hiscock's	200 to 400	1,987	0 2 8	3 to 10 0	W. 64°	Varies	N. 5° W.	Imperial	Hiscock's	406	400	400	
Smythesdale Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Creswick Division	Port Phillip	Clunes	150 to 990	15,674	0 6 5*	2 to 30 0	{4 reefs E. 2 reefs W. 30°	N.	W. 15°	Port Phillip	Clunes	1,096	1,090	1,090	*Including pyrites.
	New North Clunes	Clunes	230 to 1000	3,962	0 6 1*	2 to 7 0	W. 15°	N.	N. 8° E.	New North Clunes	Clunes	1,100	1,005	1,005	*Including pyrites.
Gordon Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Steiglitz Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Blackwood Division and Blue Mountain South Subdivision	Sultan	Sultan and others	100 to 775	1,207	0 11 8	6 in. to 3 ft.	Varies	Varies	N. 11° W.	Sultan	Sultan and others	814	800	800	
Ballan Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
BEECHWORTH.															
Beechworth Division	Reform	Reform, Myrtleford	280	820	0 9 0	10 0	W.	S.	N.	Dale and Co.	Excelsior, Wooragee	310	180	310	
Yackandaudah North Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Yackandandah South Subdivision	Bigelowe and Clingan	Homeward-bound, Hillsborough	420	300	0 3 11	8 0	W. 80°	Vertical	N. 10° E.	Bigelowe and Clingan	Homeward-bound Hillsborough	450	420	..	
Wandiligong Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Indigo Division	Harris and Hollow	Great Eastern	100 to 150	196	4 7 23	2 0	W. 84°	N.W. 60°	..	Magenta	Magenta	320	220	220	
Buckland Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Alexandra Subdivision	Welcome Tribute	Welcome	240	500	0 17 2	1 3	S.W. 75°	N.W. 50°	N. 46° W.	Amalgamated	Mysterious	210	200	200	
Dry Creek Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Benalla Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Gaffney's Creek Subdivision	Rose of Denmark Tribute	Eureka	120	700	0 2 5	12 0	S.W. 85°	N.W. varies	N.W. 24°	..	..	..	..	..	
Wood's Point Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Big River Subdivision	Luck's All	Warner's	250	160	0 1 10	3 0	S.W. 80°	N.W. 35°	N.W. 35°	..	..	..	..	..	
Mitta Mitta North Subdivision	Rhodes and Co.	Excelsior	Surface.	393	0 7 15	2 0	..	W. 22°	N. 5° W.	Davies and Redlin	Gift Line	..	..	89	Still sinking.
Mitta Mitta South Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Jamieson Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
SANDHURST.															
Sandhurst Division	Victory	Garden Gully	750	579	0 12 22	body of spurs	..	..	..	Victoria Reef	Victoria	1,315	1,280	1,280	
	Old-chum	New Chum	960	614	0 5 13	18 in. to 5 ft.	..	..	..	Lansell's No. 180	Victoria	1,265	1,100	1,100	
	Great Extended Hustler's	Hustler's	350 to 800	1,610	0 17 9	1 0	..	..	..	Great Extended Hustler's Tribute	Hustler's	1,254	800	1,150	
										Great Extended Hustler's	Hustler's	1,226	600	1,200	
										North Old-chum	New-chum	1,160	1,080	1,080	
										Hercules and Energetic	Victoria	1,135	1,120	1,120	
										Hustler's Reef	Hustler's	1,111	967	1,017	
Kilmore Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Heathcote Division and Waranga South Subdivision	Alison	Alison	200 to 345	260	1 7 5	Variable	Variable	..	N. 20° W. variable	Costerfield	Costerfield	620	520	420	
Waranga North Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
MARYBOROUGH.															
Maryborough Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Majorca Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Amherst Division	No. 2 Tribute	Church Hill	190	81	0 7 12	2 0	N. 45°	..	W.	Croydon	Laura	200	200	200	
Avoca Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Dunolly and Tarnagulla Divisions	Queen's Birthday	Bealiba	335 to 400	2,760	2 10 16	6 0	W. 40°	S.	N. 16° W.	Queen's Birthday	Bealiba	405	400	400	Not sinking.
Inglewood Division	Fone's Tribute	Liliputian	595	670	0 9 0	4 0	..	..	..	..	..	..	..	..	
Wedderburn Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Redbank & St. Arnaud South Subdivisions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
St. Arnaud North Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
CASTLEMAINE.															
Castlemaine Division	..	..	..	..	..	..	..	..	..	{Wattle Gully	Wattle Gully	470	450	450	
										{Eureka Consols	Eureka	468	460	460	Sunk winze 60 ft. below this level.
Fryer's Creek Division	Rowe Brothers	Cattle's	130	300	0 6 0	7 0	E. 36°	N. 14° W.	..	Rowe Brothers	Cattle's	210	150	150	
	Ferron's Reef	Ferron's	230 to 330	3,791	0 4 1	1 to 20 0*	W. 50°	N. 1 in 8	N. 5° E.	Ferron's	Ferron's	386	330	380	*This reef comprises a series of leaders from 6 in. to 20 ft. in thickness.
Hepburn Division	Specimen Hill	Specimen	383 to 463	800	0 3 2	6 0	W. 80°	S. 45°	N. 15° W.	..	..	..	..	..	
	Cornish	Cornish	Surface to 520	2,017	0 2 8	6 0	W. 50°	S. 40°	N. 18° W.	..	..	..	..	..	
Taradale and Kyneton Subdivision	Victoria	..	300	100	0 5 12	20 0	..	..	..	..	..	..	..	..	
Tarrangower Division	Eaglehawk United	Eaglehawk	500	92	0 7 21	2 6	W. 78°	Vertical	N. 20° W.	Eaglehawk Union	Eaglehawk	1,005	600	900	Still sinking.
St. Andrew's Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Blue Mountain North Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
ARARAT.															
Ararat Division	..	..	..	..	..	..	..	..	..	Ararat Q.M.	Mitchell's	227	..	..	
										{Newington and Pleasant Creek	..	1,940	1,510	1,510	
										Magdala	..	1,912	1,662	1,662	
										Prince Patrick	..	1,500	1,340	1,340	
Pleasant Creek Division	Pleasant Creek Cross Reef	Flat and Cross	500 to 850	1,937	0 19 6	4 0	..	..	..	{South Scotchman's	..	1,262	1,252	1,252	
	Oriental	Scotchman's	1,060 to 1,120	190	1 12 0	4 0	..	..	..	{Pleasant Creek Cross Reef, No. 1 shaft	..	1,220	1,200	1,200	
										Prince Alfred	..	1,196	..	..	
										Oriental	..	1,145	1,120	1,120	
Barkly Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Raglan Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
GIPPSLAND.															
Omeo Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mitchell River and Boggy Creek Subdivisions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Crooked River Division	Good Hope	Good Hope	440	40	0 19 15	0 11	W. 70°	N.W. 70°	N.W.	Good Hope	Good Hope	700	500	700	No stone has been raised during the quarter from this mine.
Jericho Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Donnelly's Creek Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Stringer's Creek Division	Long Tunnel	Cohen's	243 to 523*	2,900	1 14 17	12 0	W. 80°	N. 30°	N.W. 19°	Long Tunnel	Cohen's	634	623	623	* Below adit levels.
	Walhalla	Cohen's	385 & upwds*	3,032	0 10 5	5 6	..	..	..	Walhalla	Cohen's	615	585	585	* Below adit levels.
Aberfeldy Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Russell's Creek Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Bendoc Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Tarwin Subdivision	..	..	..	..	..	..	..	..	..	{No. 1 South	No. 1 South	160	155	155	
										{Prospectors' Tribute	Prospectors'	140	100	100	
Traralgon Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

Office of Mines, Melbourne, 18th April 1878.

No. 10.

THOS. COUCHMAN,
Secretary for Mines.

ESTIMATED YIELD OF GOLD AND QUANTITY OF GOLD EXPORTED.

FROM information obtained by the Mining Surveyors and Mining Registrars from Gold Buyers and others the TOTAL QUANTITIES OF GOLD got respectively from ALLUVIUMS and QUARTZ REEFS are as follow:—

	Alluvial.	Quartz.	Total.
	oz. dwt.	oz. dwt.	oz. dwt.
Quarter ended 31st March 1878	63,555 14	104,872 1	168,427 15

THE QUANTITY OF GOLD, the produce of this Colony, EXPORTED, according to Returns furnished by order of the Honorable the Commissioner of Trade and Customs, is as follows:—

	oz. dwt.
Quarter ended 31st March 1878	72,187 13

NOTE.—In addition to the above, gold specie from all sources was exported to the value of £375,608.

GOLD RECEIVED AT AND ISSUED FROM THE ROYAL MINT.

STATEMENT of the Gross Weight of GOLD received at and issued from the Melbourne Branch of the ROYAL MINT during the Quarter ended 31st March 1878.

RECEIVED.		ISSUED.	
Gross Weight of Rough Gold.	Gross Weight of Gold Bullion.	Gross Weight of Coin.	Gross Weight of Gold Bullion.
oz.	oz.	oz.	oz.
22,857·01	121,271·52	135,070·39	644·029

Royal Mint,
Melbourne, 1st April 1878.

V. DELVES BROUGHTON,
Deputy Master.

STATEMENT of VICTORIAN GOLD received at the Melbourne Branch of the ROYAL MINT during the Quarter ended 31st March 1878.

	oz.		oz.
Gross Weight of Rough Gold ...	5,391·40	Gross Weight of Gold Bullion ...	103,676·23

NOTE.—The Mint has no evidence beyond the statement of the depositors that the above is Victorian gold.

Royal Mint,
Melbourne, 1st April 1878.

V. DELVES BROUGHTON,
Deputy Master.

QUARTZ, QUARTZ TAILINGS, PYRITES, ETC.—SUMMARY.

THE following information has been obtained relative to the QUANTITY OF QUARTZ, QUARTZ TAILINGS, and MULLOCK Crushed, and PYRITES and BLANKETINGS operated on, during the Quarter, and the GOLD obtained therefrom:—

MINING DISTRICTS.	Quantity Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold from Quartz, &c., Crushed.
	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.
Quartz.			
Ballarat	73,860 0 0	0 6 4·21	22,806 0 2
Beechworth	8,950 18 0	0 9 11·22	4,237 3 22
Sandhurst	60,381 10 0	0 8 23·34	27,088 13 20
Maryborough	8,706 0 0	1 2 4·94	9,666 2 8
Castlemaine	17,862 0 0	0 5 6·92	4,722 19 8
Ararat	15,399 0 0	0 13 4·22	10,144 17 22
Gippsland	7,277 0 0	1 0 3·53	7,330 9 12
Totals	192,436 8 0	0 8 22·50	85,996 6 22
Quartz Tailings and Mullock.			
Ballarat	2,280 0 0	0 1 12·10	171 9 9
Beechworth	1,549 19 0	0 2 21·49	224 8 0
Sandhurst	524 0 0	0 1 3·89	30 9 2
Maryborough	1,856 0 0	0 2 9·61	222 15 0
Castlemaine	1,740 0 0	0 1 20·19	160 4 0
Ararat	...	...	...
Gippsland	...	...	...
Totals	7,949 19 0	0 2 0·86	809 5 11
Pyrites and Blanketings operated on.			
Ballarat	381 0 0	3 4 9·74	1,226 18 15
Beechworth	...	...	...
Sandhurst	512 0 0	2 5 8·06	1,160 12 3
Maryborough	2 15 0	3 9 2·18	9 10 0
Castlemaine	134 4 0	1 12 0·82	214 19 0
Ararat	...	...	...
Gippsland	15 6 0	1 14 12·24	26 8 0
Totals	1,045 5 0	2 10 11·62	2,638 7 18

NOTE.—This Summary does not show the total quantities of quartz, &c., crushed or operated on, but only the yield of certain crushings, &c., respecting which the Mining Surveyors and Registrars have been able to obtain information. Owing to the circumstance that many of the machine-owners are unable to give, or are precluded from giving, information, it is impossible to get complete returns from every district; and in considering the relative importance of each district, as regards quartz mining, &c., the tables relating to machinery should be examined and compared.

Office of Mines,
Melbourne, 18th April 1878.

THOS. COUCHMAN,
Secretary for Mines.

MINING SURVEYORS AND REGISTRARS' RETURNS.

QUARTZ.

THE following information has been obtained from Returns made by the Mining Surveyors and Registrars relative to the QUANTITY OF QUARTZ Crushed in the several Divisions and Subdivisions of each Mining District during the Quarter, and the GOLD obtained therefrom.

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
CENTRAL DIVISION.					
Parade	Ballarat East	1,360 0 0	0 11 3	756 10 0	420 feet
Duchess	Ballarat East	676 0 0	0 12 18·19	431 4 12	200 to 300 feet
United Black Hill	Ballarat East	815 0 0	0 9 10·64	384 16 15	400 to 450 feet
Black Hill	Ballarat East	1,191 0 0	0 4 11·18	265 18 21	Surface to 490 feet
Llanberris	Ballarat East	1,380 0 0	0 2 13·17	175 17 16	200 feet
New Koh-i-noor	Ballarat West	1,436 0 0	0 6 17·76	483 19 0	428 feet
Endeavor	Specimen Gully	270 0 0	0 3 19·71	51 11 18	40 to 130 feet
Baker's Tribute	Mount Clear	1,500 0 0	0 8 12·99	640 12 0	30 to 150 feet
Indicator No. 2	Barkly st., Ballarat East	35 0 0	0 4 8·23	7 12 0	280 feet
Britannia	Specimen Gully	310 0 0	0 4 2·40	63 11 0	165 feet
Speedwell	Poverty Point	500 0 0	0 3 0	75 0 0	300 feet
Manners' Leasehold	Canadian	810 0 0	0 4 23·11	201 0 0	50 to 180 feet
Llewellyn	Magpie	620 0 0	0 3 13·34	110 4 18	100 feet
Temperance	Little Bendigo	1,500 0 0	0 6 20·70	514 14 0	400 to 850 feet
North Dimocks	Little Bendigo	525 0 0	0 2 10·29	63 15 0	200 feet
New Dimocks	Little Bendigo	1,600 0 0	0 4 12	360 0 0	260 feet
Pince of Wales	Ballarat East	250 0 0	0 4 3·55	51 17 0	300 feet
Hero Extended	Little Bendigo	120 0 0	0 12 4	73 0 0	600 feet
Crushed at public batteries		4,856 0 0	0 7 10·45	1,805 6 20	
	Totals	19,754 0 0	0 6 14·34	6,516 11 0	
SOUTHERN DIVISION.					
Hopewell	Staffordshire Reef	1,381 0 0	0 1 1·53	73 9 12	depth 315 ft., width 4 ft.
Speedwell Tribute	Staffordshire Reef	736 0 0	0 2 13·24	93 18 0	depth 110 ft., width 8 ft.
New Kangaroo	Kangaroo	724 0 0	0 5 12·24	199 9 6	depth 218 ft., width 5 ft.
Nil Desperandum	Kangaroo	823 0 0	0 5 8·97	221 2 16	depth 120 feet, width 8 to 12 feet
	Totals	3,664 0 0	0 3 5·02	587 19 10	
BUNINYONG DIVISION.					
Imperial	Hiscock's Reef	1,987 0 0	0 2 8·80	235 3 0	200 to 400 feet
Imperial Tributers	Hiscock's Reef	82 0 0	0 9 18·51	40 1 6	35 feet
One-and-All	Hiscock's Reef	1,407 0 0	0 1 17·28	121 0 12	140 to 200 feet
One-and-All	Fairweather Reef	98 0 0	0 6 3·06	30 0 12	100 feet
One-and-All (public crushings)	From Tower Hill to Gum-tree	753 0 0	0 5 14·26	210 12 9	Surface to 100 feet
	Totals	4,327 0 0	0 2 22·65	636 17 15	
SMYTHESDALE DIVISION.					
Smythesdale Consols	German Reef, Smythesdale	1,445 0 0	0 1 19·82	131 18 8	200 to 230 feet
Williams and Co.	Britannia Reef, Carngham	140 0 0	0 6 18·86	47 10 0	90 feet
	Totals	1,585 0 0	0 2 6·33	179 8 8	
CRESWICK DIVISION.					
Port Phillip	Clunes reefs	5,005 0 0	0 2 6·84	571 17 0	150 to 990 feet
Port Phillip Tributers	Clunes reefs	10,669 0 0	0 7 2·89	3,798 8 6	150 to 990 feet
New North Clunes	Clunes reefs	1,602 0 0	0 2 20·11	227 6 6	230 to 1,000 feet
New North Clunes Tributers	Clunes reefs	2,360 0 0	0 5 10·04	639 8 0	230 to 1,000 feet
South Clunes	Clunes reefs	4,274 0 0	0 5 1·61	1,082 17 12	246 to 580 feet
South Clunes Tributers	Clunes reefs	2,180 0 0	0 5 1·13	550 2 6	100 to 480 feet
New Lothair	Clunes reefs	1,118 0 0	0 5 16·88	318 16 11	266 to 566 feet
Perseverance	Clunes reefs	570 0 0	0 4 23·52	141 18 12	150 feet
Working Miners	George's Reef	390 0 0	0 4 7·26	83 18 0	30 to 100 feet
	Totals	28,168 0 0	0 5 6·35	7,414 12 5	
GORDON SUBDIVISION.					
Black-horse United	Egerton	3,818 0 0	0 11 17·32	2,237 13 0	700 to 800 feet
Parker's United	Gordon	773 0 0	0 10 3·85	392 14 0	260, 300, and 400 feet
Rose and Shamrock	Moorabool	7 0 0	1 1 0	7 7 0	
* Sundry lots		9,336 0 0	0 7 21·80	3,691 11 21	
	Totals	13,934 0 0	0 9 2·03	6,329 5 21	
STEIGLITZ SUBDIVISION.					
Juno	Elaine	855 0 0	0 5 15·95	242 3 3	278 feet
Harp of Erin	Elaine	18 0 0	0 8 21·33	8 0 0	
	Totals	873 0 0	0 5 17·54	250 3 3	

* From lessee's returns received in the Office of Mines.

QUANTITY of QUARTZ Crushed in each Division and Subdivision during the Quarter, &c.—*continued.*

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.					
Sultan	Barry's Reef	1,207 0 0	0 11 8·58	685 8 12	100 to 775 feet
Sultan Tributers No. 1 ...	Barry's Reef	88 0 0	0 19 11·73	85 15 0	165 feet
Sultan Tributers No. 2 ...	Barry's Reef	15 0 0	0 6 12·80	4 18 0	300 feet
Mounter Bros.	Barry's Reef	12 0 0	0 14 6	8 11 0	440 feet
Mounter Tributers No. 1 ...	Barry's Reef	80 0 0	0 7 17·10	30 17 0	180 feet
Mounter Tributers No. 2 ...	Barry's Reef	75 0 0	0 17 1·92	64 1 0	400 feet
Mounter Tributers No. 3 ...	Barry's Reef	13 0 0	0 8 7·38	5 8 0	80 feet
North Sultan Tributers ...	Barry's Reef	65 0 0	0 1 21·78	6 4 0	275 feet
	Totals	1,555 0 0	0 11 11·70	891 2 12	

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.					
Lily	Wooragee	10 0 0	0 7 12	3 15 0	135 feet
Foster and Co.	Rocky Point	12 0 0	0 12 0	7 4 0	30 feet
Wallaby	Hurdle Flat	190 0 0	0 5 6·32	50 0 0	45 feet
Scanlans	Hurdle Flat	12 0 0	0 11 16	7 0 0	30 feet
A. Wallace and Co. ...	Basin Creek	19 0 0	0 14 0	13 6 0	40 feet
Caledonian	Basin Creek	50 0 0	1 8 9·60	71 0 0	50 feet
Caledonian	Basin Creek	15 0 0	0 8 16	6 10 0	Surface
Reform	Myrtleford	820 0 0	0 9 0	369 0 0	280 feet
	Totals	1,128 0 0	0 9 8·57	527 15 0	
YACKANDANDAH SOUTH SUBDIVISION.	*Hillsborough.*				
Bigelowe and Clingan ...	Homeward-bound ...	300 0 0	0 3 11·20	52 0 0	400 feet
Magill and Co.	Homeward-bound ...	97 0 0	0 5 0	24 5 0	100 feet
Independent	Twist's Creek... ...	81 0 0	0 4 6·22	17 5 0	30 feet
Wood's Folly	Twist's Creek... ...	21 0 0	0 7 7	7 13 3	30 feet
Pig and Whistle	Twist's Creek... ...	16 0 0	0 10 12	8 8 0	
Sandy Creek	Sandy Creek	195 0 0	0 4 17·26	46 0 5	
Holloway and Johnson ...	Sandy Creek	36 0 0	1 11 18·66	57 4 0	25 feet
Benzie and Co.	Sandy Creek	21 0 0	1 2 17·14	23 17 0	
	Totals	767 0 0	0 6 4·08	236 12 8	
WANDILIGONG SUBDIVISION.					
Carlile and Robinson ...	Birthday Reef, right branch Growler's Creek	600 0 0	0 8 22·26	267 16 12	3 feet wide, 50 feet deep
Craig and Co. (two public crushings)	Morse's Creek, Mongrel Basin	72 0 0	0 9 10·67	34 0 0	
E. M. Gill (two public crushings)	Growlers' Creek ...	212 0 0	0 2 9·73	25 10 0	120 and 130 feet deep
One public crushing ...	Morse's Creek ...	14 0 0	0 15 4·29	10 12 12	Not stated
T. O'Day	Growler's Creek, right branch	4 17 0	4 12 23·76	22 11 0	Not stated
R. Rowe	Oriental Range ...	4 4 0	3 10 5·47	14 15 0	
C. Fraser (two public crushings)	Home Reef	57 2 0	0 3 3·23	8 19 0	
Two public crushings ...	Oriental Range ...	29 15 0	0 3 15·12	5 8 0	
Two for Oriental Tribute...	Oriental Reef	39 10 0	0 6 18·22	13 7 0	
	Totals	1,033 8 0	0 7 19·16	402 19 0	
INDIGO DIVISION.					
T. Place	Various reefs	100 0 0	0 2 13·20	12 15 0	Surface chiefly
O'Neil	Near Chiltern... ...	15 0 0	6 4 0	93 0 0	Surface
Bar	Golden Bar Reef ...	37 0 0	1 14 5·84	63 7 0	40 to 60 feet
Goldsworthy and Co. ...	Essex Reef	45 0 0	4 0 16	181 10 0	60 feet
Harris and Hollow ...	Great Eastern Reef ...	196 0 0	4 7 23·02	862 0 0	100 to 150 feet
Various companies ...	Various reefs	145 0 0	0 17 22·34	130 0 0	Surface to 60 feet
	Totals	538 0 0	2 9 21·86	1,342 12 0	
BUCKLAND DIVISION.	*Harrietville.*				
Rose, Shamrock and Thistle (J. A. Wallace)	Land Tax Reef, near Harrietville	600 0 0	0 9 14·40	288 0 0	120 feet
Revival (Wraith and Co.)...	Ovens, near Harrietville	17 0 0	4 1 4·23	69 0 0	10 to 50 feet
	Freeburgh.				
Morgan and Davis ...	Not named	3 0 0	4 6 16	13 0 0	50 feet
Goldsworthy and Beeton ...	Britannia Reef ...	11 0 0	2 5 10·90	25 0 0	80 feet
Holstein	Tramway Reef ...	80 0 0	0 8 0	32 0 0	65 feet
Holstein	Harp of Erin Reef ...	93 0 0	0 11 9·55	53 0 0	100 feet
Francis and Brown ...	Not stated	25 0 0	0 10 9·60	13 0 0	30 feet
	Totals	829 0 0	0 11 21·45	493 0 0	

QUANTITY of QUARTZ Crushed in each Division and Subdivision during the Quarter, &c.—*continued.*

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
ALEXANDRA SUBDIVISION.					
Welcome Tribute ...	Welcome Reef, Ti-tree Ck.	50 0 0	0 17 2·40	42 15 0	240 feet
Hewitt and Party ...	Homeward-bound Reef...	100 0 0	0 4 19·20	24 0 0	
Secundus	No. 5 Lucky Reef ...	15 0 0	0 9 20·80	7 8 0	
Faith	Eglinton Reef... ...	10 0 0	0 11 0	5 10 0	
Lily	Lily Reef	1 10 0	2 6 16	3 10 0	
Hewitt and Waltham ...	Hit-or-Miss Reef ...	10 0 0	1 7 21·60	13 19 0	
	Totals	186 10 0	0 10 9·91	97 2 0	
GAFFNEY'S CREEK SUBDIVISION.					
Great Eastern	Homeward-bound Reef...	20 0 0	0 2 18·60	2 15 12	About 120 feet
Golden Belt	Homeward-bound Reef...	600 0 0	0 3 14·44	108 1 0	About 250 feet
Hunts	Homeward-bound Reef...	200 0 0	0 3 15·12	36 6 0	About 50 feet
Lauraville Tributers ...	Homeward-bound Reef...	400 0 0	0 4 3·48	82 18 0	About 120 feet
Dannabrog	Eureka Reef	30 0 0	0 2 4·20	3 5 6	About 160 feet
Rose of Denmark ...	... ...	700 0 0	0 2 5·48	78 0 0	About 120 feet
	Totals	1,950 0 0	0 3 4·62	311 5 18	
WOOD'S POINT SUBDIVISION.					
Morning Star Prospecting Tribute	Morning Star Reef ...	600 0 0	0 1 19·20	54 0 0	Surface to 60 feet
Prince of Wales	All Nations Reef ...	300 0 0	0 3 14·54	54 1 18	About 150 feet
	Totals	900 0 0	0 2 9·65	108 1 18	
BIG RIVER SUBDIVISION.					
Londonderry	Railway Reef... ...	520 0 0	0 2 17·54	71 0 0	About 300 feet
Luck's All	Warner's Reef ...	160 0 0	0 1 10·50	11 10 0	About 250 feet
	Totals	680 0 0	0 2 10·23	82 10 0	
MITTA MITTA NORTH SUBDIVISION.					
Temperance	Bethanga	130 0 0	0 10 0·80	65 4 8	
Berryman and Co. ...	Gift Line	9 0 0	0 5 0	2 5 0	
C. Osborn and Co. ...	Lucknow	11 0 0	0 4 0	2 4 0	
A. Sauer and Co. ...	Fell-timber Creek ...	3 0 0	0 15 0	2 5 0	
C. Williams and Co. ...	Welcome Line ...	36 0 0	0 15 0	27 0 0	
Paget and Co.	Corryong	5 0 0	0 9 0	2 5 0	
C. Williams and Co. ...	Welcome Line ...	35 0 0	0 7 3·42	12 10 0	
McKay and Co.	Bethanga Line ...	32 0 0	1 3 10·50	37 10 0	
J. U. Conners and Co. ...	Bethanga Line ...	76 0 0	1 2 12	85 10 0	
Clough and Sons ...	Bethanga Line ...	30 0 0	1 4 20	37 5 0	
Rhodes and Co.	Excelsior Line ...	393 0 0	0 7 15·82	150 10 0	
Walton and Co.	Gift Line	17 0 0	1 7 1·41	23 0 0	
Leighton and Co. ...	Gift Line	29 0 0	1 1 9·10	31 0 0	
Mitchell and Co.	Gift Line	79 0 0	0 15 10·63	61 0 0	
	Totals	885 0 0	0 12 4·56	539 8 8	
JAMIESON SUBDIVISION.					
No. 1 South Alabama ...	Flume Creek	8 0 0	1 9 6·75	11 14 6	140 feet
Venture	Mack's Creek	46 0 0	1 16 14·35	84 3 12	50 feet
	Totals	54 0 0	1 15 12·33	95 17 18	

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.					
Albert	Diamond Hill	352 0 0	0 8 10·59	148 11 11	
Beehive	Eaglehawk	3,910 0 0	0 6 8·88	1,245 7 0	
Bendigo and Melbourne ...	Bird's Reef	1,994 0 0	0 12 22·55	1,290 2 0	
Boyd and James	Specimen Hill ...	380 0 0	0 9 21·15	187 14 2	
Catherine Reef United ...	Catherine Reef ...	2,345 0 0	0 11 3·93	1,308 19 18	
Fortuna and Thanet Works	Sandhurst	5,632 0 0	0 6 19	1,912 11 0	
Garden Gully United ...	Garden Gully Reef ...	4,116 0 0	0 18 17	3,850 4 0	
G. G. Consolidated ...	Golden Gully	1,591 0 0	0 7 2·10	563 16 20	
Great Extended Hustler's Reef	Hustler's Reef ...	2,968 0 0	0 13 9·21	1,986 4 0	
Great Britain	Golden Square ...	2,205 0 0	0 7 3·26	786 15 0	
Hercules and Energetic ...	Victoria Reef... ...	3,650 0 0	0 6 3·41	1,120 19 0	
Johnson's Reef	Johnson's Reef ...	6,208 0 0	0 5 15·24	1,749 2 18	
Lazarus	New-Chum Reef ...	2,896 0 0	0 10 7·40	1,492 13 0	
Metropolitan	Golden Square ...	1,158 0 0	0 5 18·27	333 12 0	
Marong Crushing Works ...	Marong	333 0 0	0 7 19·31	129 19 0	
Morning Light	Carshalton Reef ...	1,144 0 0	0 3 12·16	200 12 0	
New Nelson	Nelson Reef	1,620 0 0	0 8 20·02	715 12 0	
Old Tom	Whipstick	259 0 0	0 6 2·64	79 2 12	
Virginia	Eaglehawk	3,936 0 0	0 8 13·79	1,687 10 0	
Shenandoah	Golden Square ...	1,221 0 0	0 7 10·85	454 19 0	
South Frasers	Golden Square ...	137 0 0	0 12 6·94	84 3 16	
Victoria Consols	Victoria Reef... ...	4,535 0 0	0 5 15·95	1,284 9 0	
Victoria Reef	Victoria Reef... ...	3,233 0 0	0 14 4·40	2,292 15 0	
Louisa	Eaglehawk	2,599 0 0	0 7 6·66	945 15 5	
	Totals	58,422 0 0	0 8 20·39	25,851 9 6	

QUANTITY of QUARTZ Crushed in each Division and Subdivision during the Quarter, &c.—*continued.*

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
Alison Gold and Antimony	Costerfield	260 0 0	1 7 5·54	354 0 0	200 to 345 feet
John Collins	Redcastle	376 0 0	0 9 5·74	173 14 0	
WARANGA NORTH SUBDIVISION.	Totals	636 0 0	0 11 14·26	527 14 0	
Cambridge and Warwick ...	Rushworth	51 0 0	1 1 8·94	54 10 0	Above water level
Christiana	Rushworth	11 0 0	2 0 8·23	22 4 0	
Rambler's Rest	Rushworth	18 0 0	1 3 5·78	20 18 8	
Scotchmans	Rushworth	5 10 0	1 8 13·09	7 17 0	
Good Luck	Rushworth	123 0 0	0 11 19·90	72 15 0	
Royal Artillery ...	Rushworth	10 0 0	0 0 10	0 5 0	
Just in Time	Rushworth	18 0 0	1 13 14·67	30 5 0	
Cumberland	Rushworth	2 0 0	2 2 18	4 5 12	
West Growler's	Rushworth	230 0 0	0 4 5·43	48 12 0	
Robbie Burns	Waranga	6 0 0	1 14 12	10 7 0	
Fortuna...	Whroo	25 0 0	0 13 19·20	17 5 0	
Hodge Brothers	Whroo	2 0 0	0 18 9	1 16 18	
U. and F.	Whroo	5 0 0	0 5 0	1 5 0	
Cameron Brothers ...	Whroo	4 0 0	0 10 6	2 1 0	
Balaclava	... ...	676 0 0	0 7 19·23	264 2 0	
Balaclava Tribute ...	... ...	81 0 0	0 11 13·33	46 16 0	
Jannese and Co.	White Hills	11 0 0	0 5 5·45	2 17 12	
Chapman	White Hills	1 0 0	0 15 0	0 15 0	
Whistlers	Coy's Diggings ...	40 0 0	2 5 18·10	90 13 12	
Byron	... ...	4 0 0	2 10 0	10 0 0	
	Totals... ...	1,323 10 0	0 10 17·33	709 10 14	

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.					
Cambrian (public crushings)	Various places ...	357 0 0	0 18 13·71	331 10 0	Various
Cambrian	Mosquito Flat... ...	340 0 0	0 17 7·30	294 3 12	
Penny and Clausen (public crushings)	Various places ...	364 0 0	0 19 18·06	359 10 0	Various
Great Extended	Blucher's Reef ...	309 0 0	0 4 19·96	74 13 0	360 feet
Alexandra	Mosquito Flat... ...	106 0 0	0 7 17·66	41 0 0	
Telegraph United ...	Carisbrook road ...	164 0 0	2 2 20·92	351 11 0	260 feet
Bristol Hill	Bristol Hill Reef ...	248 0 0	0 8 12·63	105 14 12	330 feet
Mariner's Reef (Eldorado Tribute)	Battery Point... ...	500 0 0	0 4 0	100 0 0	200 feet
	Totals	2,388 0 0	0 13 21·29	1,658 3 0	
AMHERST DIVISION.					
Croydon No. 1	Laura Reef	230 0 0	0 2 18·94	32 1 12	150 feet
Croydon No. 2	Laura Reef	250 0 0	0 4 10·46	55 9 0	160 feet
Union	Churchhill Reef ...	81 0 0	0 7 12·89	30 10 12	190 feet
Powell and Co.	Musical Reef	170 0 0	0 2 14·38	22 1 21	40 feet
Dunstan and Co.... ...	North-western Reef ...	20 0 0	0 5 18·20	5 15 4	50 feet
Coker and Co.	London Hill Reef ...	96 0 0	0 3 3·97	15 3 21	60 feet
Schipka Pass	Lilicur	150 0 0	0 2 22·56	22 1 0	70 feet
Perseverance	Prince of Wales Reef ...	204 0 0	0 6 6·58	64 0 0	140 feet
Sundries	Various	184 0 0	0 2 15·05	24 3 9	
DUNOLLY AND TARNAGULLA DIVISIONS.	Totals	1,385 0 0	0 3 22·03	271 6 7	
Queen's Birthday ...	Goldsborough... ...	2,760 0 0	2 10 16·95	6,997 10 6	335 to 400 feet
Calder Brothers	Schipka Pass Reef ...	14 0 0	0 12 2·57	8 9 12	15 feet
Crook and Co.	Bet-bet Reef	20 0 0	0 7 2·40	7 2 0	20 feet
Glamorganshire	Bealiba	21 0 0	0 3 0	3 3 0	25 feet
	Totals	2,815 0 0	2 9 20·47	7,016 4 18	
INGLEWOOD DIVISION.					
Fonc's Tribute	Liliputian Reef, Burke's Flat	670 0 0	0 9 0	300 17 0	
ST. ARNAUD SOUTH SUBDIVISION.					
Greenock Reef	Greenock Reef ...	189 0 0	0 12 7·87	116 10 0	400 feet
ST. ARNAUD NORTH SUBDIVISION.					
Lord Raglan and St. Arnaud	Wilson's Hill	976 0 0	0 4 17·95	231 14 0	430 feet
Sandhurst and St. Arnaud Chrysolite Tribute	Wilson's Hill	220 0 0	0 3 14·18	39 10 0	680 feet
Working Miners... ...	Bristol Reef	63 0 0	0 10 2·77	31 17 7	100 feet
	Totals	1,259 0 0	0 4 19·54	303 1 7	

QUANTITY of QUARTZ Crushed in each Division and Subdivision during the Quarter, &c.—*continued.*

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Central Claim	Wattle Gully ...	1,141 0 0	0 3 4·55	181 19 18	360 feet
Wattle Gully	Wattle Gully ...	248 0 0	0 5 22·01	73 7 12	300 to 450 feet
Eureka Consols	Eureka Reef	489 0 0	0 3 21·05	94 16 0	460 feet
Callander and Co. ...	Various	160 0 0	0 7 13·14	60 7 15	Various
Barker's Creek Tribute ...	Cranky Ned's	183 0 0	0 4 1·70	37 5 0	100 to 140 feet
Magpie Tribute	Argus Reef	141 0 0	1 0 8·85	143 12 0	110 feet
Sebastopol	Lady Gully	107 0 0	0 8 7·40	44 9 0	160 feet
Cardwell	Town Reef	59 0 0	0 9 5·49	27 4 12	58 feet
Carthew and others ...	Burns Reef	44 0 0	0 8 19·02	19 6 21	60 feet
	Totals	2,572 0 0	0 5 7·35	682 8 6	
FRYER'S CREEK DIVISION.					
Perseverance	Cattle's Reef	200 0 0	0 12 0	120 0 0	130 feet
Ferron's Reef	Ferron's Reef... ...	3,791 0 0	0 4 1·56	770 11 0	230 to 330 feet
Duke of Cornwall ...	Cattle's Reef	653 0 0	0 2 23·48	97 5 0	Surface to 130 feet
Cattle's Reef	Cattle's Reef	133 0 0	0 3 6·14	21 13 0	Surface to 40 feet
Rowe Brothers	Cattle's Reef	300 0 0	0 6 0	90 0 0	130 feet
Rowe Brothers	Ferron's Reef... ...	357 0 0	0 3 12	62 9 12	70 feet
Duke and Duchess United	Ferron's Reef ...	180 0 0	0 12 14·66	113 10 0	280 feet
Fryers	Cattle's Reef	345 0 0	0 2 20·66	49 7 0	
Redhouse and White ...	Heron's Reef	136 0 0	0 2 10·23	16 10 0	50 feet
	Totals	6,095 0 0	0 4 9·62	1,341 5 12	
HEPBURN DIVISION.					
Ajax	Nuggety Reef ...	500 0 0	0 6 0	150 0 0	150 to 200 feet
Cornish	Cornish Reef	2,017 0 0	0 2 8·17	236 1 5	Surface to 520 feet
Union	Mauritius Reef ...	1,046 0 0	0 3 7·64	173 11 0	
Warrior...	Doctor's Reef ...	151 0 0	0 2 4·36	16 9 11	40 feet
Golden Gate	Doctor's Reef ...	71 0 0	0 4 16·90	16 14 0	130 feet
Samson's	Mauritius Reef ...	70 0 0	0 13 0	45 10 0	15 feet
Stoke's	Pitcher's Reef ...	17 0 0	0 10 2·82	8 12 0	130 feet
Stevens	Stony Creek	50 0 0	1 18 0	95 0 0	65 feet
Stevens	Stony Creek	25 0 0	5 18 4·80	147 15 0	65 feet
King and Willard ...	Willard's Reef ...	52 0 0	0 16 16·15	43 7 0	100 feet
Richardson's	... ...	25 0 0	0 6 12·48	8 3 0	40 feet
Panham's	... ...	100 0 0	0 2 0	10 0 0	40 feet
White's	Keep-it-Dark	35 0 0	0 8 0	14 0 0	70 feet
Righettis	Stony Creek	10 0 0	0 15 0	7 10 0	80 feet
Specimen Hill	Specimen Hill ...	800 0 0	0 3 2·22	123 14 0	383 to 463 feet
Prospects	Hepburn	200 0 0	1 1 0	210 0 0	Shallow
Argus	Sandstone Reef ...	181 0 0	0 7 1·07	63 15 2	500 feet
New U. Cornish	Cornish Reef	636 0 0	0 1 19·40	57 10 8	250 feet
	Totals	5,986 0 0	0 4 18·48	1,427 13 2	
TARADALE AND KYNETON SUBDIVISION.					
United Kingdom	Taradale	1,048 0 0	0 5 0	262 0 0	190 feet
Victoria	Taradale	100 0 0	0 5 12	27 10 0	300 feet
Berry's Freehold... ...	Taradale	33 0 0	0 15 20·36	26 3 0	90 feet
Quartz Block	Taradale	10 0 0	0 17 0	8 10 0	Surface
	Totals	1,191 0 0	0 5 10·64	324 3 0	
TARRANGOWER DIVISION.					
Caledonian Mills	Eaglehawk, Beehive and Parkins' reefs	168 0 0	0 12 15·07	106 1 12	100 to 500 feet
Phœnix	Eaglehawk, Beehive, Charcoal, Victoria, Nuggety and German reefs	520 0 0	0 4 5·54	110 0 0	
Linscott's Crushing ...	Eaglehawk, Beehive, Mount Tarrangower, and Nuggety reefs	374 0 0	0 5 22·33	110 18 0	
Great Western	Beehive Reef	143 0 0	0 6 23·83	50 0 0	
Eaglehawk Union ...	Eaglehawk	550 0 0	0 12 12·87	344 15 0	
	Totals	1,755 0 0	0 8 5·39	721 14 12	
ST. ANDREW'S DIVISION.					
Hosford and Co.	Warrandyte	44 0 0	1 9 4·91	64 5 0	120 feet
Central	Reefton	27 0 0	4 6 7·11	116 10 0	200 feet
Squires and Co.	Warrandyte	4 0 0	0 8 0	1 12 0	40 feet
Stiggants and Co. ...	Warrandyte	100 0 0	0 5 7·20	26 10 0	130 feet
Hope	Warrandyte	50 0 0	0 0 19·68	2 1 0	30 feet
Grant and Co.	Warrandyte	15 0 0	0 1 1·60	0 16 0	25 feet
Hirt and Co.	One-tree Hill	2 0 0	2 12 0	5 4 0	40 feet
Longley and Co.	Steel's Creek	13 0 0	0 11 5·54	7 6 0	30 feet
Longley and Co.	Yow-Yow	6 0 0	0 3 12	1 1 0	35 feet
Longley and Co.	Nuggety Reef... ...	2 0 0	0 5 0	0 10 0	Surface
	Totals... ...	263 0 0	0 17 4·40	225 15 0	

QUANTITY of QUARTZ Crushed in each Division and Subdivision during the Quarter, &c.—*continued.*

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
ARARAT MINING DISTRICT.					
PLEASANT CREEK DIVISION.					
Wimmera	Stawell reefs	3,816 0 0	0 13 12·73	2,581 12 17	200 to 1,000 feet
Pioneer and Galatea ...	Stawell reefs	2,521 0 0	0 15 21·76	2,005 1 10	200 to 1,100 feet
New St. George	Stawell reefs	2,473 0 0	0 13 21·97	1,720 15 0	480 to 1,110 feet
Scotchman's	Stawell reefs	2,984 0 0	0 7 13·66	1,129 6 23	300 to 850 feet
Moonlight	Stawell reefs	3,178 0 0	0 16 16·18	2,649 11 0	410 to 1,120 feet
Wonga and Birmingham ...	Stawell reefs	427 0 0	0 2 17·80	58 10 20	24 to 70 feet.
	Totals	15,399 0 0	0 13 4·22	10,144 17 22	
GIPPSLAND MINING DISTRICT.					
CROOKED RIVER DIVISION.					
Sons of Freedom	Union Reef	110 0 0	1 10 0	165 0 0	Surface to 60 feet
Walsh and Co.	Republic Reef ...	180 0 0	0 4 4·93	37 17 0	80 feet
Good Hope	Good Hope	40 0 0	0 19 15	39 5 0	440 feet
	Totals	330 0 0	0 14 16·14	242 2 0	
DONNELLY'S CREEK DIVISION.					
Bismarck United... ...	... ...	120 0 0	1 6 16	160 0 0	Adit level
Gippsland Consols ...	... ...	290 0 0	0 4 8	62 17 0	Adit level
	Totals	410 0 0	0 10 20·90	222 17 0	
STRINGER'S CREEK DIVISION.					
Long Tunnel	Cohen's Reef	2,900 0 0	1 14 17·74	5,037 3 12	343 to 523 feet*
Walhalla	Cohen's Reef	3,032 0 0	0 10 5·22	1,548 19 0	385 feet and upwards*
Fear Not	Fear Not Reef ...	58 0 0	0 14 2·89	40 19 0	Adit level
	Totals	5,990 0 0	1 2 3·05	6,627 1 12	
ABERFELDY SUBDIVISION.					
James Rice's lease ...	Aberfeldy	350 0 0	0 6 4·04	107 19 0	From 90 to 120 feet
Lily of the Valley ...	Aberfeldy	197 0 0	0 13 5·97	130 10 0	About 75 feet from surface
	Totals	547 0 0	0 8 17·24	238 9 0	

* Below adit level.

QUARTZ TAILINGS, MULLOCK, ETC.

THE following information has been obtained from Returns made by the Mining Surveyors and Registrars relative to the Quantity of QUARTZ TAILINGS and MULLOCK, &c., Crushed in the several Divisions and Subdivisions of each Mining District during the Quarter, and the GOLD obtained therefrom.

Division and Subdivision, and Name of Company.	Where Quartz Tailings and Mullock, &c., were obtained.	Quartz Tailings and Mullock, &c., Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Mullock, &c., were obtained.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
CENTRAL DIVISION.					
Co-operative parties ...	Canadian	2,280 0 0	0 1 12·10	171 9 9	

QUANTITY of QUARTZ TAILINGS and MULLOCK crushed in each Division and Subdivision, &c.—*continued.*

Division and Subdivision, and Name of Company.	Where Quartz Tailings and Mullock, &c., were obtained.	Quartz Tailings and Mullock, &c., Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Mullock, &c., were obtained.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BEECHWORTH MINING DISTRICT.					
WANDILIGONG SUBDIVISION.					
London	London Reef, Growler's Creek (right branch)	485 0 0	0 7 0	169 15 0	
Chas. Fraser (two public crushings)	Abandoned reefs, Growler's Creek	44 19 0	0 5 4·93	11 14 0	
	Totals	529 19 0	0 6 20·34	181 9 0	
ALEXANDRA SUBDIVISION.					
Providence Q. M. ...	Providence Reef, Yea ...	400 0 0	0 1 1·20	21 0 0	
Albert	No. 2 Lucky Reef ...	40 0 0	0 2 20·70	5 14 12	
	Totals	440 0 0	0 1 5·15	26 14 12	
WOOD'S POINT SUBDIVISION.					
The Lady Franklin ...	Johnson's Reef ...	80 0 0	0 0 23·40	3 18 0	
The Mountaineer ...	Oriental Reef	500 0 0	0 0 11·83	12 6 12	
	Totals	580 0 0	0 0 13·43	16 4 12	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
Albert	Diamond Hill	345 0 0	0 0 9·06	6 10 6	
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
John Collins	Redcastle	93 0 0	0 2 22·02	13 11 8	
WARANGA NORTH SUBDIVISION.					
Clausen and Co.	Rushworth	10 0 0	0 2 7·20	1 3 0	
Christiana	Rushworth	6 0 0	0 1 12	0 9 12	
Frenchman's R. U. ...	... ...	70 0 0	0 2 12	8 15 0	
	Totals	86 0 0	0 2 9·91	10 7 12	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Noell and Oswald ...	Mariner's Reef ...	1,000 0 0	0 2 0	100 0 0	13 feet
AMHERST DIVISION.					
T. Bartlemore	Various	136 0 0	0 3 9·18	23 0 0	
ST. ARNAUD SOUTH SUBDIVISION.					
Greenock Reef	Greenock Reef ...	120 0 0	0 4 14·40	27 12 0	
ST. ARNAUD NORTH SUBDIVISION.					
Pyrites	Wilson's Hill	600 0 0	0 2 9·72	72 3 0	680 feet and upwards
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Davies and Co.	Nimrod Reef	950 0 0	0 2 11·21	117 4 0	Near surface
TARRANGOWER DIVISION.					
Phœnix	Growler's Gully ...	700 0 0	0 1 0	35 0 0	
Linscott's Crushing ...	Linscott's Reef ...	90 0 0	0 1 18·66	8 0 0	
	Totals	790 0 0	0 1 2·12	43 0 0	

PYRITES AND BLANKETINGS.

THE following information has been obtained from Returns made by the Mining Surveyors and Registrars relative to the Quantity of PYRITES and BLANKETINGS operated on in the several Divisions and Subdivisions of each Mining District during the Quarter, and the GOLD obtained therefrom.

Division and Subdivision, and Name of Company.	Where Pyrites and Blanketings were obtained.	Pyrites and Blanketings operated on.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Pyrites, &c., were obtained.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
CENTRAL DIVISION.					
Black Hill	Black Hill	15 0 0	2 2 7	31 14 9	
Llanberris	Gum-tree Flat ...	9 0 0	1 15 0	15 15 0	
Hero Extended	Little Bendigo ...	10 0 0	0 16 0	8 0 0	
	Totals	34 0 0	1 12 15·09	55 9 9	
CRESWICK DIVISION.					
Port Phillip	Clunes reefs	109 10 0	4 12 13·81	506 17 0	
New North Clunes ...	Clunes reefs	83 5 0	3 19 15·57	331 10 18	
South Clunes	Clunes reefs	27 15 0	4 4 20·75	117 15 0	
South Clunes Tributers ...	Clunes reefs	3 10 0	5 2 10·29	17 18 12	
	Totals	224 0 0	4 6 23·27	974 1 6	
STEIGLITZ SUBDIVISION.					
Unknown	Near Elaine	111 0 0	1 14 11·03	191 5 0	
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.					
Big Hill	Simmons Reef ...	12 0 0	0 10 6	6 3 0	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
United Pyrites G. E. ...	Pinchgut Gully ...	194 0 0	2 10 14·07	490 13 18	
Spargo Brothers... ...	Great Western Gully ...	134 0 0	2 5 21·49	307 10 0	
Sandhurst and Eaglehawk P. E.	Jackass Flat	121 0 0	1 15 4·76	212 19 0	
Liddell and Co.	Derwent Gully ...	60 0 0	2 7 7·75	141 19 9	
Beehive...	Eaglehawk	3 0 0	2 10 0	7 10 0	
	Totals	512 0 0	2 5 8·06	1,160 12 3	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Great Extended	Blucher's Reef ...	2 15 0	3 9 2·18	9 10 0	
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Eureka Consols	Eureka Reef	1 4 0	3 6 16	4 0 0	
Yates	Castlemaine	84 0 0	2 0 0	168 0 0	
	Totals	85 4 0	2 0 9·01	172 0 0	
HEPBURN DIVISION.					
Cornish	Cornish Reef	6 0 0	2 0 0	12 0 0*	
Ajax	Nuggety Reef... ...	6 0 0	3 0 0	18 0 0*	
	Totals	12 0 0	2 10 0	30 0 0	
TARRANGOWER DIVISION.					
Phœnix	German Reef	37 0 0	0 7 0	12 19 0	
GIPPSLAND MINING DISTRICT.					
STRINGER'S CREEK DIVISION.					
Walhalla	Cohen's Reef	15 6 0	1 14 12·24	26 8 0	

* Estimated.

WASHDIRT AND CEMENT.

SUMMARY.

THE following information has been obtained relative to the QUANTITY of WASHDIRT Puddled and Sluiced and CEMENT Crushed during the Quarter, and the GOLD obtained therefrom.

Mining Districts.	Quantity Puddled and Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold from Washdirt.	Mining Districts.	Quantity Puddled and Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold from Cement.
Washdirt.	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	*Cement.*	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.
Ballarat ...	9,787 0 0	0 2 11·21	1,207 6 15	Ballarat ...	453 0 0	0 3 3·48	71 4 18
Beechworth ...	13,180 0 0	0 0 19·67	540 3 8	Beechworth ...	Nil	Nil	Nil
Sandhurst ...	Nil	Nil	Nil	Sandhurst ...	86 0 0	0 8 20·37	38 1 0
Maryborough ...	6,356 0 0	0 2 17·37	865 12 0	Maryborough ...	265 0 0	0 3 23·73	52 17 0
Castlemaine ...	48,405 0 0	0 0 18·88	1,903 18 23	Castlemaine ...	580 0 0	0 2 11·59	72 0 0
Ararat ...	6,120 0 0	0 1 20·78	570 1 0	Ararat ...	4,682 0 0	0 4 12·54	1,058 15 12
Gippsland ...	Nil	Nil	Nil	Gippsland ...	Nil	Nil	Nil
Totals ...	83,848 0 0	0 1 5·12	5,087 1 22	Totals ...	6,066 0 0	0 4 5·83	1,292 18 6

NOTE.—This Summary does not show the total quantities of washdirt puddled and sluiced and cement crushed, but only the yield of certain crushings, &c., respecting which the Mining Surveyors and Registrars have been able to obtain information. Owing to the circumstance that many of the machine-owners are unable to give, or are precluded from giving, information, it is impossible to get complete returns from every district; and in considering the relative importance of each district, as regards alluvial mining, &c., the tables relating to machinery should be examined and compared.

Office of Mines,
Melbourne, 18th April 1878.

THOS. COUCHMAN,
Secretary for Mines.

WASHDIRT.

THE following information has been obtained from Returns made by the Mining Surveyors and Registrars relative to the QUANTITY of WASHDIRT Puddled or Sluiced in the several Divisions and Subdivisions of each Mining District during the Quarter, and the GOLD obtained therefrom.

Division and Subdivision, and Name of Company.	Where Washdirt was obtained.	Washdirt Puddled.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Washdirt was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	

BALLARAT MINING DISTRICT.

CENTRAL DIVISION.					
Winter's Freehold ...	Parish of Cardigan, near Ballarat	7,223 0 0	0 2 2·99	767 5 0	405 feet; average thickness of washdirt 6 feet
SOUTHERN DIVISION.					
Turner and party ...	Break-o'-Day	1,840 0 0	0 3 4·90	294 16 3	Depth, 30 to 60 feet; thickness, 2 to 4 feet
Grant and party	Break-o'-Day	484 0 0	0 2 1·81	50 4 16	Depth, 30 feet; thickness, 2½ feet
Welcome	Pitfield Plains ...	150 0 0	0 5 1·60	38 0 0	Depth, 80 feet; thickness, 1½ feet
Doughboy	Pitfield Plains ...	90 0 0	0 12 16·22	57 0 20	Depth, 70 feet; thickness, 1 to 2 feet
	Totals	2,564 0 0	0 3 10·38	440 1 15	

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.					
United Eldorado	Eldorado	9,000 0 0	0 0 18	337 10 0	90 feet floor
Ovens Gold and Tin ...	Eldorado	4,000 0 0	0 0 20	166 13 8	276 feet
	Totals	13,000 0 0	0 0 18·62	504 3 8	
WANDILIGONG SUBDIVISION.					
Various	Growler's Creek ...	180 0 0	0 4 0	36 0 0	About 30 feet

QUANTITY of WASHDIRT Puddled or Sluiced in the several Divisions and Subdivisions, &c.—*continued.*

Division and Subdivision, and Name of Company.	Where Washdirt was obtained.	Washdirt Puddled.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Washdirt was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Seaham	Alma	300 0 0	0 3 0	45 0 0	110 feet
Gladstone	Alma	500 0 0	0 2 19·20	70 0 0	90 to 110 feet
	Totals	800 0 0	0 0 2·21	115 0 0	
AMHERST DIVISION.					
Hoffnung	Mount Greenock South	1,110 0 0	0 4 19·18	266 7 0	100 feet
Union	Mount Greenock South	2,300 0 0	0 1 4·77	137 18 0	250 feet
DUNOLLY AND TARNAGULLA DIVISIONS.	Totals	3,410 0 0	0 2 8·90	404 5 0	
Prince of Wales Tribute ...	Pound Lead, Dunolly ...	1,438 0 0	0 3 14·54	259 5 0	100 feet
INGLEWOOD DIVISION.					
Daly Lead Tribute Limited	Daly Lead	708 0 0	0 2 11	87 2 0	
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Chin Wa	Wesley Flat	1,600 0 0	0 0 8·34	27 16 0	Surface to 14 feet
Grant	Wattle Flat	1,400 0 0	0 0 7·50	21 17 12	Surface to 14 feet
Pi Pue	Sailor's Flat	1,350 0 0	0 0 7·27	20 9 0	Surface to 14 feet
Henson	Sailor's Flat	1,800 0 0	0 0 6	22 10 0	Surface to 14 feet
FRYER'S CREEK DIVISION.	Totals	6,150 0 0	0 0 7·23	92 12 12	
Brewer and Co.	New Year's Flat ...	1,300 0 0	0 0 4·80	13 0 0	18 feet
Thomas and Co.	Bald Hill	500 0 0	0 1 0	25 0 0	40 to 50 feet
Vosti and Co.	German Gully ...	2,600 0 0	0 0 4·24	23 0 0	20 feet
T. Pearson	Pennyweight	520 0 0	0 0 6	6 10 0	Various
Ellis and Co.	Church's Flat ...	650 0 0	0 0 14·40	19 10 0	14 feet
Parsons and Co.	Horseshoe Bend ...	3,900 0 0	0 0 11·94	97 0 0	15 feet
Tankin and Co	Choke'm Flat ...	1,560 0 0	0 0 12	39 0 0	15 feet
Williams and Co. ...	New Year's Flat ...	1,300 0 0	0 0 9·60	26 0 0	25 feet
Trethewey and Co. ...	New Year's Flat ...	2,000 0 0	0 0 6·24	26 0 0	18 feet
Stevens and Co.	New Year's Flat ...	1,200 0 0	0 0 6·40	16 0 0	17 feet
Thomas and Co.	Spring Gully	1,500 0 0	0 0 5·76	18 0 0	14 to 16 feet
HEPBURN DIVISION.	Totals	17,030 0 0	0 0 8·71	309 0 0	
Sailor Prince	Deep Creek	1,005 0 0	0 5 8·05	268 2 12	330 feet
Corinella Paddock ...	Eganstown	900 0 0	0 0 11·46	21 10 0	70 feet
Bullas' Party	Elevated Plains ...	1,200 0 0	0 0 12·80	32 0 0	90 feet
Federal Tunnel	Italian Hill	1,050 0 0	0 0 7·86	17 4 0	140 feet
Long Tunnel	Italian Hill	300 0 0	0 0 7·20	4 10 0	190 feet
Mathieson's	Blind Creek	540 0 0	0 0 9·86	11 2 0	7 feet
McCausland's	Table Hill	710 0 0	0 0 10·37	15 7 0	40 feet
Black's	Doctor's Gully ...	620 0 0	0 0 7·16	9 5 0	25 feet
Phillipponis	Stony Creek	3,000 0 0	0 0 4·40	27 10 0	
300 Chinese	Hepburn Division ...	3,600 0 0	0 3 8	600 0 0	to 10 feet
Prospectors	Hepburn Division ...	5,000 0 0	0 1 0	250 0 0	to 15 feet
6 parties	Shepherd's Flat ...	1,800 0 0	0 0 21·33	80 0 0	to 50 feet
TARRANGOWER DIVISION.	Totals	19,725 0 0	0 1 8·52	1,336 10 12	
J. Kent and Co.	Sailor's Gully	2,600 0 0	0 0 3·97	21 10 13	Surface to 18 feet
A. Grigg	Pegleg Gully	400 0 0	0 0 12	10 0 0	12 feet
J. Knight	Porcupine Flat ...	325 0 0	0 0 18	12 3 18	20 feet
A. Bowe	Blackie's Hill	700 0 0	0 0 9·59	13 19 16	20 feet
J. Coon	Seventy-foot Lead ...	250 0 0	0 0 14·40	7 10 0	70 feet
R. Grigg	Porcupine Flat ...	325 0 0	0 1 0	16 5 0	20 feet
Grist and Co.	Seventy-foot Lead ...	150 0 0	0 1 0	7 10 0	40 feet
ST. ANDREW'S DIVISION.	Totals	4,750 0 0	0 0 8·99	88 18 23	
Warrandyte Freehold ...	Warrandyte	750 0 0	0 2 2·46	78 17 0	13 feet
ARARAT MINING DISTRICT.					
RAGLAN DIVISION.					
The New Victoria G. M. No Liability	Waterloo	about 6,120 0 0	0 1 20·78	570 1 0	160 feet

CEMENT.

THE following information has been obtained from Returns made by the Mining Surveyors and Registrars relative to the QUANTITY of CEMENT Crushed in the several Divisions and Subdivisions of each Mining District during the Quarter, and the GOLD obtained therefrom.

Division and Subdivision, and Name of Company.	Where Cement was obtained.	Cement Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Cement was obtained.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
SOUTHERN DIVISION.					
Crushed (on hire) by the New Kangaroo Company's battery	Kangaroo Flat ...	125 0 0	0 4 7·34	26 18 6	50 to 65 feet from surface
SMYTHESDALE DIVISION.					
Blewett and Co.	Dreamer's Hill, Happy Valley	40 0 0	0 2 12·30	5 0 12	70 feet
Drury and Co.	Dreamer's Hill, Happy Valley	9 0 0	0 13 8	6 0 0	70 feet
Ryan and Co.	Dreamer's Hill, Happy Valley	3 0 0	0 2 8	0 7 0	70 feet
	Totals	52 0 0	0 4 9	11 7 12	
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.					
All Nations	Ferntree Hill	276 0 0	0 2 9·30	32 19 0	30 feet
SANDHURST MINING DISTRICT.					
WARANGA NORTH SUBDIVISION.					
Taylor and Co.	Rushworth	31 0 0	0 12 21·67	20 0 0	
Crocker	Rushworth	9 0 0	0 5 2·66	2 6 0	
Sundry lots	Rushworth	46 0 0	0 6 20·35	15 15 0	
	Totals	86 0 0	0 8 20·37	38 1 0	
MARYBOROUGH MINING DISTRICT.					
DUNOLLY AND TARNAGULLA DIVISIONS.					
Glamorganshire	Bealiba	265 0 0	0 3 23·73	52 17 0	Various hills, 20 to 50 feet
CASTLEMAINE MINING DISTRICT.					
FRYER'S CREEK DIVISION.					
Thomas and Co.	Bald Hill	100 0 0	0 5 0	25 0 0	100 feet
Homeward-bound ...	Table Hill	280 0 0	0 1 5·14	17 0 0	90 to 120 feet
	Totals	380 0 0	0 2 5·05	42 0 0	
HEPBURN DIVISION.					
North Fear Not	Daylesford	200 0 0	0 3 0	30 0 0	50 feet
ARARAT MINING DISTRICT.					
PLEASANT CREEK DIVISION.					
Band of Hope	Deep Lead	2,314 0 0	0 4 0	462 15 9	
North and South Wales ...	Deep Lead	2,368 0 0	0 5 0·81	596 0 3	
	Totals	4,682 0 0	0 4 12·54	1,058 15 12	

NUMBER AND DISTRIBUTION OF MINERS ON THE GOLDFIELDS OF THE COLONY, FOR THE QUARTER ENDED 31ST MARCH 1878.

(From Returns made by the Mining Surveyors and Registrars.)

Name of Place.	No.	Total.
BALLARAT DISTRICT.		
Central Division:		
Ballarat West	420	
Ballarat East	1,000	
Little Bendigo and Dead-horse	320	
Sago Hill	15	
White-horse Ranges and Canadian	525	
		2,280
Southern Division:		
Long Gully	10	
Staffordshire Reef	80	
Italian Gully	15	
Splitters' Gully	4	
Kangaroo	100	
Moonlight	10	
Bulldog	55	
Rokewood Junction	50	
Mount Misery	290	
Jackson's Gully	10	
Yankee Hill	15	
Grassy Gully	30	
Spring Creek	11	
Sawpit Gully	10	
Whim Holes	25	
Hard Hills	30	
Frenchman's	25	
Pinchgut	30	
Break-o'-Day	80	
Western Creek	80	
		960
Buninyong Division:		
Durham and tributaries	80	
Green Hills and Devonshire	20	
Scotchman's and Hard Hills	90	
Buninyong and Union Jack	10	
Hiscock's and Fairweather Reefs	120	
Winter's Flat, Cobbler's, and Magpie	120	
Black Lead and Gum-tree	50	
Napoleon, Kitty's Ranges, and Gympie	30	
Prospecting and isolated parties	50	
Grenville	20	
		590
Smythesdale Division:		
Smythesdale	75	
Scarsdale and Newtown	170	
Cape Clear	30	
Brown's	25	
Italian Gully	5	
Derwent Jack's	50	
Piggoreet	30	
Bottle Hill	35	
Snake Valley and Hard Hills	90	
Happy Valley and Lucky Woman's	145	
Haddon	620	
Golden Lake	5	
Madden's Flat	7	
Linton's	160	
Monkey Gully	7	
Moonlight Creek	10	
Preston Hill	30	
		1,494
Creswick Division:		
Creswick	50	
Clunes	900	
Springhill	480	
Red Streak	40	
Union Hill	10	
Longpoint	25	
Diamond Gully	10	
Cobbler's Gully	15	
Bald Hills	10	
Sulky Gully	10	
Slaty Creek	40	
Mopoke	20	
Humbug Hill	40	
Portuguese Flat	40	
Back Creek	10	
Bullarook	50	
		1,750
Carried forward	...	7,074

Name of Place.	No.	Total.
Brought forward	...	7,074
Gordon Subdivision:		
Egerton	317	
Gordon	50	
Moorabool	11	
		378
Steiglitz Subdivision:		
Steiglitz	31	
Morrison's	70	
Dolly's Creek	10	
Elaine	88	
Mount Doran	20	
Little Forest	10	
		229
Blackwood Division and Blue Mountain South Subdivision:		
Golden Point	100	
Red Hill	60	
Barry's Reef and Split-tree	243	
Yankee Reef and Creek	85	
Simmons' Reef and Back Creek	65	
Sebastopol and Lower Lerderderg	90	
Blakeville	20	
Snake Gully	10	
Goodman's Creek and vicinity	20	
Ballan Flat	40	
Garibaldi and vicinity	20	
Wright's Reef	1	
Bacchus Marsh and vicinity	40	
Maher's Hill	16	
		819
Ballan Subdivision:		
Blakeville road	4	4
Total for Ballarat District	...	8,495
BEECHWORTH DISTRICT.		
Beechworth Division:		
Spring Creek	105	
Silver Creek	25	
Deep Creek	22	
Hurdle Creek	35	
Pennyweight Flat	50	
Two-mile Creek	60	
Three-mile Creek	180	
Six-mile Creek	40	
Stony Creek	70	
Myrtleford, &c.	110	
Wooragee, &c.	110	
Reid's Creek	38	
Woolshed	110	
Sebastopol	100	
Eldorado	280	
Stanley and neighborhood	340	
Buckland Gap	30	
		1,705
Yackandandah South Subdivision:		
Clear Creek	46	
Brnarong	20	
Kirby's Flat	28	
Rowdy Flat	34	
Osborne's Flat	52	
Allan's Flat	18	
Staghorn Flat	30	
Twist's Creek	52	
Muddy Creek	35	
Hillsborough	30	
Sandy Creek	120	
Township	60	
Hayes' Point	20	
		555
Indigo Division:		
Chiltern Valley	79	
Suffolk Lead	6	
Indigo Leads	81	
Lancashire Lead	8	
Perseverance Lead	2	
Caledonian and Durham Leads	24	
Carried forward	...	2,260

NUMBER and DISTRIBUTION of MINERS on the Goldfields, &c.—*continued.*

Name of Place.	No.	Total.
Brought forward	...	2,260
Indigo Division—continued.		
Clydesdale Lead	6	
Bobert Burns	6	
Rutherglen Reefs	39	
Chiltern Reefs	42	
Chiltern and New Ballarat Leads ...	82	
Indigo Reefs	28	
		403
Wandiligong Subdivision:		
Growler's Creek	45	
Morse's Creek	140	
		185
Buckland Division:		
Harrietville	145	
Harrietville to Bright	310	
Bright to Boundary, including Running Creek	151	
Buckland to Upper Bridge	87	
Upper to Lower Bridge	147	
Lower Bridge to Ovens Junction ...	103	
		943
Alexandra Subdivision:		
Alexandra and vicinity	30	
Godfrey's Creek and vicinity ...	25	
Devil's River and tributaries ...	15	
Johnson's Creek and tributaries ...	5	
Head of U T Creek	5	
Goulburn River	20	
Doogalook	2	
Spring Creek and tributaries ...	5	
Higinbotham	12	
Merton and vicinity	10	
Tea-tree Creek and vicinity ...	15	
Acheron River	6	
Maindample and Doon	10	
Yea	15	
Scattered population prospecting ...	15	
		190
Dry Creek Subdivision:		
Brankeet Creek	9	
Dry Creek	23	
Hell's Hole	50	
		82
Gaffney's Creek Subdivision:		
Goulburn River	4	
Gaffney's Creek	32	
Cannon's Creek	10	
Raspberry Creek and branches ...	45	
Lyrebird Creek	3	
Wallaby Creek	20	
Moving population	5	
Moonlight Creek	3	
Ryan's Creek	2	
		124
Wood's Point Subdivision:		
Wood's Point and Morning Star ...	20	
Lower Goulburn	24	
Right and left branches	32	
Gooley's Creek	8	
Harper's and Pheasant Creeks ...	10	
Perkins' Creek and Waverley ...	10	
All Nations and Creek	18	
Black River	14	
Moving population	8	
Maori Creek	4	
Never-mind Spur	20	
Goulburn River	8	
		176
Big River Subdivision:		
Frenchman's Creek	3	
Warner's Creek	10	
Enoch's Point	8	
Railway Creek	18	
Jim Thomas' Creek	4	
Big River North	25	
Big River South	4	
Fry's Creek	4	
Moving population	4	
Goulburn River	6	
		86
Mitta Mitta North Subdivision:		
Bethanga	50	
Jarvis Creek	20	
Ruby Creek	10	
Gold Creek	20	
Flagstaff Hill	40	
Temperance	10	
Lucknow	42	
Hamburg	25	
Welcome	50	
Excelsior	53	
Young Australia	10	
Gift Line	120	
		450
Carried forward		4,899

Name of Place.	No.	Total.
Brought forward	...	4,899
Mitta Mitta South Subdivision:		
Lightning Creek	20	
Granite Flat	49	
Mitta Mitta River	22	
Junction	10	
		101
Jamieson Subdivision:		
Howqua River and tributaries ...	5	
Goulburn River, from Howqua to Jamieson	25	
Mack's Creek	60	
Goulburn River, from Jamieson to Swampy Creek	70	
Sailor Bill's Creek	100	
Flume Creek	30	
Baker's Creek	30	
		320
Total for Beechworth District... ...		5,320
SANDHURST DISTRICT.		
Sandhurst Division:		
Back Creek and Spring Gully ...	170	
Sheepshead and Golden Gully ...	260	
Golden Square and Kangaroo Flat ...	430	
Crusoe Gully and neighborhood ...	90	
Marong and Bullock Creek ...	150	
Victoria and New-chum Reefs ...	490	
Long, Maiden, and Derwent Gullies ...	480	
Ironbark	490	
Bendigo Flat	450	
White Hills and Epsom	40	
Huntly	185	
Sydney Flat and Whipstick ...	190	
Specimen Hill and Sailors' Gully ...	260	
Devonshire Gully and Dead-horse Flat	220	
Windmill Hill and California Gully ...	350	
Eaglehawk Gully and Flat	270	
Snob's Hill and Pegleg Gully ...	340	
Raywood	50	
Elysian Flat	50	
Sebastian	100	
Kamarooka	35	
Scattered and prospecting	300	
		5,400
Kilmore Division:		
Reedy Creek	26	
Sunday Creek	14	
		40
Heathcote Division and Waranga South Subdivision:		
Graytown	20	
Redcastle	90	
Heathcote	150	
Costerfield	210	
Tooborac	25	
Kimbolton and Campaspe	25	
Colibau and Myrtle Creek	30	
Wild-duck	35	
		585
Waranga North Subdivision:		
Rushworth	151	
Whroo	85	
Coy's Diggings	39	
White Hills, &c.	27	
Waranga	4	
		306
Total for Sandhurst District		6,331
MARYBOROUGH DISTRICT.		
Maryborough Division:		
Alma	400	
Waterloo	50	
Inkerman...	50	
Moonlight Flat	50	
Adelaide Lead	120	
Golden Point	85	
Craigie	85	
Four-mile Flat	85	
Carisbrook	130	
Mosquito	150	
Blucher's	300	
Newtown	150	
Havelock	165	
Chinaman's	750	
Blackman's Lead	50	
Maryborough	320	
		2,940
Carried forward		2,940

NUMBER and DISTRIBUTION of MINERS on the Goldfields, &c.—*continued.*

Name of Place.	No.	Total.
Brought forward	...	2,940
Majorca Subdivision:		
Majorca	24	
England's Hill Lead	9	
Gibraltar Lead	6	
Scandinavian Lead	20	
McCallum's Old Lead	20	
		79
Amherst Division:		
About Talbot	50	
Scandinavian Lead	20	
Mount Greenock	66	
Nuggety and Long Gullies	40	
Kangaroo Gully and Flat	30	
Mia Mia Flat	40	
Daisy Hill and tributaries	140	
Adelaide Lead South	70	
Blacksmith's Gully	16	
Emu and Cockatoo	40	
Brown's Gully	6	
Norfolk Gully	16	
Rocky Flat	10	
Mount Glasgow	6	
Lilieur	16	
Eglinton	4	
		570
Avoca Subdivision:		
Amphitheatre	50	
Avoca Lead	100	
Green Hill Creek	72	
Percydale	170	
Homebush	150	
Lamplough	150	
Monte Christo	4	
Mountain Hut	25	
No. 1 Creek	45	
No. 2 Creek	140	
Kimberley and Sardine	15	
Donkey Hill	10	
Middle Creek, &c.	25	
Gullies east of Avoca	20	
Glenmona Reef	4	
		980
Dunolly and Tarnagulla Divisions:		
Dunolly	200	
Burnt Creek	50	
Goldsbrough	120	
Inkerman	40	
Moliagul, &c.	130	
Bealiba	80	
Murphy's Flat, &c.	20	
Jones' Creek, &c.	70	
Tarnagulla	80	
Half-way	35	
Llanelly	25	
Wild-dog, &c.	50	
		900
Inglewood Division:		
Berlin Diggings	80	
Wehla	50	
Kingower	200	
McIntyre's	76	
Synnott's	30	
Burke's Flat	50	
Inglewood	350	
Opossum Hill	200	
		1,036
Wedderburn Division:		
Wedderburn	95	
Garibaldi	17	
Avoca Forest	12	
Woolshed and Yorkshire Flat ...	32	
		156
Redbank and St. Arnaud South Subdivisions:		
Stuartmill, &c.	55	
Redbank	50	
Fowler's Lead	30	
Hinds	30	
Moonambel, &c.	80	
Darling Flat	40	
Emerald Flat	70	
Sandy Creek	20	
Canterbury	20	
		395
St. Arnaud North Subdivision:		
New Bendigo	25	
St. Arnaud	190	
Stuartmill	40	
Silver Mines, &c.	20	
Rostron's and Wattle Flat	20	
Carried forward	...	7,056

Name of Place.	No.	Total.
Brought forward	...	7,056
St. Arnaud North Subdivision—continued.		
Emu, &c.	15	
Carapooe	20	
Bell Rock, &c.	20	
Blink Bonnie	5	
Duchess of Edinburgh	20	
Jerejaw, &c.	20	
Victoria Reef, &c.	20	
		415
Total for Maryborough District ...	...	7,471
CASTLEMAINE DISTRICT.		
Castlemaine Division:		
Castlemaine	83	
Eureka Reef	44	
Guildford	105	
Campbell's Creek	110	
Sailor's Gully	32	
Barker's Creek	85	
Myrtle Creek	38	
Moonlight Flat	54	
Chewton	168	
Wattle Gully	72	
Golden Point	60	
Diamond Hill	100	
Bolivia Reef	4	
		955
Fryer's Creek Division:		
Golden Gully to Fryerstown ...	189	
Spring Gully to Specimen Hill ...	100	
Chokeʼm Flat to Vaughan	230	
Butcher's and Kangaroo Hills ...	80	
German and Mopoke Gullies ...	130	
Loddon: Vaughan to Pennyweight ...	100	
Table Hill and Tarilta	100	
Guildford Hills	220	
Loddon: Vaughan to Holcombe ...	190	
Nuggety Gully and Irishtown ...	110	
Green and Sailors' Gullies	40	
Pickpocket and Hard Hills	40	
Strathloddon and Hit-or-Miss ...	150	
		1,679
Hepburn Division:		
Dry Diggings Section	67	
Yandoit Section	118	
Boots Gully Section	34	
Italian Gully Section	53	
Spring Creek Section	69	
Doctor's Gully Section	54	
Brandy-hot Section	31	
Deep Creek Section	96	
Blind Creek Section	116	
Stony Creek Section	74	
Wombat Creek Section	90	
Daylesford Section	252	
Connel's Gully Section	74	
		1,128
Taradale and Kyneton Subdivision:		
Taradale	100	
Liberty Flat	15	
Redesdale	50	
Yankee Point	28	
Malmsbury	18	
Caliban	30	
Belltopper	40	
Lauriston	47	
Scattered	75	
		403
Tarrangower Division:		
North Maldon	37	
Beehive Hill	37	
Eaglehawk	105	
Long Gully	22	
Porcupine Flat	25	
Fiddler's Flat	1	
Mount Tarrangower	22	
Sandy Creek	62	
Nuggety	6	
Mia Mia	4	
Green Valley	15	
Muckleford	20	
Clydesdale	35	
River Loddon	10	
Parkin's Reef	37	
German Reef	23	
Bell's Reef	6	
Welshman's Reef	14	
Fentoman's Reef	2	
Chapman's Gully	2	
		485
Carried forward	...	4,650

NUMBER and DISTRIBUTION of MINERS on the Goldfields, &c.—*continued.*

Name of Place.	No.	Total.
Brought forward	...	4,650
St. Andrew's Division:		
Anderson's Creek	75	
Long Gully	18	
Smith's Gully	16	
You You	12	
Wild-dog	12	
Walsh and Armstrong's	12	
Warburton	6	
Cherry-tree	13	
Cobbler's Gully	5	
Watery Gully	6	
Reefton	24	
Pioneer	7	
Queenstown	34	
Kingstown	22	
One-tree Hill	6	
McMahon's	12	
Emerald	9	
Starvation Creek	5	
Hoddle's Creek	27	
Diamond Reefs	4	
Muddy Creek	3	
Wombat Creek	7	
Wilson's Creek and Donovan's ...	12	
		347
Blue Mountain North Subdivision:		
Trentham	5	
Newbury	16	
Garlick's	39	
		60
Total for Castlemaine District ...	...	5,057
ARARAT DISTRICT.		
Ararat Division:		
Ararat Proper	160	
Armstrong's	75	
Philip's Flat and Cathcart	70	
Rhymney Reef and Shea's Flat ...	35	
Opossum Gully and Port Curtis ...	85	
Moyston and Londonderry	45	
		470
Pleasant Creek Division:		
Silver Shilling	15	
Deep Lead, Forty-foot, and Welshman's Flat	480	
Great Western	40	
Stawell	934	
Seventy-foot	30	
Germania	38	
Welcome	9	
Darlington	8	
Ironbark	98	
Cosmopolitan	9	
		1,661
Barkly Division:		
Landsborough	85	
Barkly	70	
Frenchman's	220	
Glenpatrick	50	
		425
Raglan Division:		
Beaufort and surrounding gullies ...	118	
Sailors' Gully	81	
Charlton	60	
Waterloo	96	
		355
Total for Ararat District ...	...	2,911
GIPPSLAND DISTRICT.		
Omeo Subdivision:		
Livingstone Creek	130	
Mitta Mitta River, from Cobungra to Wombat Creek	19	
Wombat Creek	28	
Gibbo Creek	43	
Swift's Creek	177	
River Tambo	8	
		405
Mitchell River and Boggy Creek Subdivisions:		
Nicholson and Tambo Rivers ...	94	
Boggy Creek	82	
Merrijig Creek	26	
Sandy's Creek	33	
		235
Carried forward	...	640

Name of Place.	No.	Total.
Brought forward	...	640
Crooked River Division:		
Grant	8	
Crooked River	34	
Jungle Creek	9	
Twelve-mile Creek...	3	
Twenty-five-mile Creek	20	
Thirty-mile Creek	5	
Wentworth	30	
Upper Dargo	20	
Middle Dargo	10	
Lower Dargo	8	
Upper Mitchell	26	
Good Hope	8	
Good Luck Creek	18	
Swamp and Morris' Creeks	39	
Wonnangatta	2	
Wongungarra	15	
		255
Jericho Division:		
Dry Creek	8	
Lower Jordan	40	
Upper Jordan	7	
Red Jacket Creek	15	
B B Creek	30	
Thomson River	14	
Aberfeldy River	12	
Eldorado	5	
		131
Donnelly's Creek Division:		
Donnelly's Creek	64	
Aberfeldy, &c.	13	
		77
Stringer's Creek Division:		
Walhalla	402	
Aberfeldy River	20	
Thomson River	50	
Happy-go-lucky	2	
		474
Aberfeldy Subdivision:		
Aberfeldy River	62	
Thomson River	13	
Lily of the Valley Co.	24	
James Rice's Lease, Aberfeldy ...	38	
Star and Thomson	4	
		141
Russell's Creek Division:		
Tanjil	24	
Lady Manners-Sutton Creek ...	3	
Russell's Creek	4	
Hawthorn Creek	6	
Wombat Creek	8	
Columbia Reef and Creek	7	
Western Branch Tangil	2	
Kenney's Creek	4	
Pheasant Creek	2	
Crossover Creek	23	
		83
Bendoc Subdivision:		
Bendoc	13	
Bonang	8	
Bog and Queensborough	14	
Delegate River	8	
Prospecting	6	
		49
Tarwin Subdivision:		
Foster	34	
Turton's Creek	12	
Benison Flat	6	
		52
Traralgon Subdivision:		
Morewell	4	
Naracan Creek	5	
Traralgon Creek	5	
Flinn's Creek	6	
Tyers River and Creek	6	
Merriman's Creek	4	
Moe	6	
La Trobe	6	
Bennett's Creek	2	
Sunny Creek	4	
McDonald's Track	6	
		54
Total for Gippsland District ...	...	1,956
GRAND TOTAL ...	...	37,541

Office of Mines,
Melbourne, 18th April 1878.

THOS. COUCHMAN,
Secretary for Mines.

MINING SURVEYORS AND REGISTRARS' REPORTS.

BALLARAT MINING DISTRICT.

CENTRAL DIVISION.

Mr. David Christy, Mining Registrar.

My figures show a considerable falling off in the yield of gold compared with the returns of the last quarter; but this, in my opinion, is not due to any non-productiveness of the auriferous alluviums or quartz treated, but to the fact that many of the large companies have been engaged in what is termed "dead work," viz., sinking, driving &c., whilst others have suspended mining operations, pending financial arrangements. Those companies so described are the following:—Sovereign; Countess; Red, White, and Blue; Don; Two-ton; Nerrina (late New Welcome Company); Grand Duke; Windsor, Hawthorn and Co.; and Carnagie and Co.

I still feel it difficult to obtain the returns from companies working on "private property." Several of the companies so engaged, and said to be doing well, have declined to furnish me with their returns.

A marked improvement has taken place in the Llanberris mine, in consequence of the Indicator line of reef having been struck. The last crushing yielded at the rate of 1 oz. 5 dwts. per ton, which enabled the tributers to receive a dividend of £37 16s. 8d. each for the fortnight ending the 5th inst.

The Pride of the East Company are also working the same line of reef with similar good results, but their gross yields appear under the head of "public crushings."

Three alluvial companies, with the requisite machinery, have been started to work an extensive alluvial reef wash, which is known to exist above the water level, at Redan and Sebastopol.

I am not as yet enabled to include the City of Ballarat Company among the gold-producing mines, although from the prospect obtained it is pretty certain that the yield from this claim will add no insignificant quota to my quarterly returns. Two bores have been put in with the following results:—One at 90 feet (in advance of the end of the middle drive) struck the wash 36 feet up, the other (20 feet back) struck the wash at 37 feet; both showing fair prospects of gold. Mr. J. H. Thompson, the manager, in his report, states "that these bores prove the wash to have a rise of about 3 feet from the face of the intermediate drive, and appear to indicate an extensive flat reef on the south side of the gutter."

ALLUVIAL RETURNS FOR THE QUARTER ENDING 31ST MARCH 1878.

Name of Company and Locality.	oz.	dwt.	gr.
Winter's Freehold, parish of Cardigan, near Ballarat	767	5	0
Band and Albion Consols, Ballarat West	256	12	0
Eastern Star, Ballarat East	79	0	0
Nil Desperandum, Dead Horse	38	9	0
Co-operative parties, principally Chinese, working at Little Bendigo, Canadian, White Horse, and Ballarat East	1,520	0	0
	2,661	6	0

DIVIDENDS FOR THE QUARTER ENDING 31ST MARCH 1878.

	£	s.	d.
Baker's Tribute, White Horse Ranges	120	10	0
Baker's Tribute, Tributers' proportion, White Horse Ranges	2,452	10	0
Parade Company, Ballarat East	600	0	0
Parade Company, Tributers' proportion, Ballarat East	1,050	0	0
Duchess Company, Ballarat East	210	0	0
Endeavor Company, Ballarat East	126	10	0
Temperance Company, Little Bendigo	350	0	0
New Dimock's Reef Company, Little Bendigo	288	0	0
	£5,197	10	0

SOUTHERN DIVISION.

Mr. George Perry, Mining Registrar.

QUARTZ MINING.

The yield of gold for the quarter from this source of mining shows a decrease of 303 ozs. as compared with that of the previous quarter. This falling off is owing to the scarcity of water during the first ten weeks of the quarter, but the late rain has given plenty of water for all purposes, therefore a much larger yield may be expected in my next return.

Staffordshire Reef.—The Hopewell Company have been operating during the quarter on very poor stone. In consequence the battery is stopped, and they are now engaged in prospecting at the 315-foot level.

The Hopewell Tribute Company have not done any work on the claim since their battery was destroyed.

The Speedwell Tribute Company have been working in very poor stone, but there is now a change for the better.

Kangaroo.—The New Kangaroo Company have not been able to keep their mill going half time, through the want of water. The stone crushed during the quarter gave a good profit, and there is a large quantity of the same kind in sight.

The New Try Again Company are erecting a 20-horse power winding engine, with a battery of 12 heads in connection therewith, intending to wind and crush with the same engine. They expect to have their engine ready for winding in a month, when they will start sinking their shaft from the present depth, 100 feet, to 150 feet, before opening out.

The William's Fancy Company have nearly completed the erection of a 10-head battery, and will start crushing in a fortnight. They have plenty of stone to operate upon, which is expected to pay well.

The Nil Desperandum Company are doing remarkably well.

Three other parties are prospecting on the same line of reef.

ALLUVIAL.

Some new alluvial ground at Daylight Hill, near Rokewood Junction, has been discovered lately. The sinking is 25 feet through hard sand and gravel, and the washdirt averages 1 foot in thickness. Two parties are getting payable gold, and several others are prospecting.

Break-o'-Day.—Turner and party have been fortunate in finding another nugget, weighing 40 ozs. in the rough, but notwithstanding their yield for the quarter is poor, owing to the scarceness of fine gold.

Pitfield Plains.—The Nil Desperandum Company have sunk their shaft to the depth of 112 feet in hard rock. Sinking will be continued to the depth of 150 feet before opening out.

The Welcome Company are making good wages.

There was no water sold in this division during the quarter.

BUNINYONG DIVISION.

Mr. Robert M. Harvey, Mining Surveyor and Registrar.

ALLUVIAL MINING.

There is no change to report. The late rains have filled the dams, and a considerable increase in the yield may now be expected.

QUARTZ MINING.

This branch of mining continues to improve, and with the batteries of the Homeward-bound Company and the Lewellyn Company at work (neither of which has done much during the present quarter, through want of water), I expect a very decided improvement in the yield.

Water.—No water was sold during the quarter. The Government Reservoir is now full, and the New Homeward-bound Company have made application to the council of the Buninyong borough for a supply.

SMYTHESDALE DIVISION.

Mr. John Lynch, Mining Surveyor and Registrar.

There is a marked decrease in the yield of gold for the quarter as compared with the last, the difference being 1,667 ozs. The falling off is general, except in the Haddon portion of the division, where the mines are as productive and regular as ever. Two important new claims have been applied for during the quarter—one at Haddon, and the other upon a portion of the late Grand Trunk Lead ground. Both are large undertakings, and promise a successful issue if properly carried through.

Occasionally new prospecting ground is broken here and there throughout the division, but the too frequent want of success attending those efforts and the general and growing poverty of the miners are such deterrents as do not admit of an extended or systematic process of prospecting.

As the mines are becoming exhausted numbers of miners leave the division to seek elsewhere such employment as they can procure, and unless some unlooked for turn for the better takes place, our producing population will soon have undergone a great diminution.

The dryness of the last two years has prevented anything being done in hill sluicing—a branch of mining which, had there been a supply of water available, would have given a good deal of remunerative employment.

A few feeble attempts have been essayed in quartz prospecting; but it must be confessed that, notwithstanding some seemingly hopeful indications, the result, as yet, is anything but important.

The following are the yields from the principal mines :—

	oz.
Reform	3,171
Racecourse	832
Trunk Lead	1,399
Smythesdale Consols	132

CRESWICK DIVISION.

Mr. James Stevenson, Mining Surveyor and Registrar.

The yield of alluvial gold continues about the same as in the previous quarter.

In the yield from quartz there is a decided decrease, the average from the quartz crushed by the New North Clunes Company, for themselves, and by the Port Phillip Company, for the Clunes Quartz Mining Company, being the lowest obtained by these companies. The yield from the tribute parties on these claims helps to bring up the general average, which is, however, 18 grs. less per ton than previously; and there is a decrease of nearly 2,000 ozs. for the quarter.

The following are the yields and dividends from the principal mines during the quarter :—

ALLUVIAL.

	oz.	dwt.	gr.
Port Phillip Company, Clunes	26	0	0
Cameron's Freehold Company, Springhill	2,869	2	0
Ryan's Junction Company, Springhill	1,218	12	0
Dyke's Freehold Company, Springhill	1,575	17	0
Kingston Park Freehold Company, Springhill	1,602	0	0
De Murska Company, Springhill	1,539	5	0
Ryrie's Freehold Company, Springhill	459	1	0
New Hit-or-Miss Company, Red Streak, Creswick	146	18	2
Approximate yield from small mines	1,000	0	0
	10,436	15	2

DIVIDENDS AND ROYALTY.

	£	s.	d.
Port Phillip Company	5,135	19	3
Cameron's Freehold Company	9,140	6	4
Kingston Park Freehold Company	3,897	3	6
De Murska Company	2,479	1	9
Ryan's Junction Freehold Company	2,471	14	0
Dyke's Freehold Company	2,283	18	0
Ryrie's Freehold Company	233	19	0
Bunyan's Freehold Company	300	0	0
	£25,942	1	10

The water purchased amounted to 93,898,000 gallons, at 1½d. per 1,000 gallons.

GORDON SUBDIVISION.

Mr. Thomas Cowan, Mining Surveyor and Registrar.

ALLUVIAL MINING.

No mining under this head has been carried on during the quarter, and no gold was obtained.

QUARTZ MINING.

Egerton.—Black Horse United Company.—During the quarter a large amount of opening up work has been done by this company, besides raising sufficient stone to keep the battery in full work. 3,818 tons of stone have been raised and crushed, yielding 2,237 ozs. 13 dwts. of gold, or an average of 11 dwts. 17·32 grs to the ton. The No. 8 level of the No. 1 shaft has been extended south along the course of the lode for a distance of 200 feet. This lode is of a very good quality, and is worked to a width of from 30 to 35 feet. This level and the "intermediate" level have been connected by a winze, which has effected good ventilation between the levels, and enabled mullock to be passed through to the slopes for filling up purposes. Driving and stoping operations are also being carried on the No. 6 and No. 7 levels of the No. 2 shaft, and preparations are being made for sinking the No. 1 shaft to a further depth of 100 feet. The number of men employed is 99

The Egerton Company during the past quarter have been raising stone from their No. 1 Rose, No. 2 Rose, and Quarry shafts at a depth of from 500 to 700 feet. The number of men employed is 175.

The South Learmonth and Egerton Amalgamated Company are still engaged in prospecting their ground at the 500-foot level. Nothing of a payable nature has yet been met with. The number of men employed is 18.

North Black Horse Company.—During the first month of the quarter this company completed the erection of their winding plant, and at once started mining operations. They have cleared out their shaft to a depth of 492 feet, opened out at 295 feet, and driven 13 feet on the course of the lode, which is about 6½ feet in width. The number of men employed is 13.

The Chinese Company of twelve men, registered as Ah Jack and Co., and washing the tailings from the Egerton Company's battery, have obtained an average yield of 2 ozs. of gold per week, or a total of 26 ozs. for the quarter.

No work has been done by the Argyle and North Argyle companies during the quarter.

The Rose and Shamrock Company have been engaged during the quarter in prospecting their ground, and have had a trial crushing of 7 tons, which yielded 7 ozs. 7 dwts., or an average of 1 oz. 1 dwt. to the ton. This is considered a satisfactory yield, and the company are now engaged in digging foundations for the purpose of erecting a steam engine and battery. The number of men employed is 11.

Gordon.—Parker's United Company.—During the quarter the company have been raising stone from their 300 and 400-foot levels. 680 tons were raised and crushed, yielding 352 ozs. 8 dwts. 12 grs. of gold, or an average of 10 dwts. 8·77 grs. to the ton. 93 tons were also raised and crushed by a tribute party at the 260-foot level, which yielded 40 ozs. 5 dwts. 12 grs., or an average of 8 dwts. 15·87 grs. to the ton. The north shaft has been sunk a further depth of 20 feet through settled country full of quartz leaders. The progress, however, is slow, owing to very heavy water. The 400-foot level is constantly being extended south, and a cross-cut is now being put in west from this level. The number of men employed is 50.

No work has been done by the Mars and United Miners' companies during the quarter. The affairs of the latter company are, I believe, wound up.

IRON.

Lal Lal Iron Company, Lal Lal.—No ore been raised or smelted during the quarter.

STEIGLITZ SUBDIVISION.

Mr. W. W. Greene, Mining Registrar.

There is nothing to report concerning the past quarter in this division.

BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.

Mr. John F. Hansen, Mining Registrar.

QUARTZ MINING.

The yield of gold from quartz during the past quarter has been considerably less than usual, chiefly owing to the total standstill, for the want of water, of all batteries driven by water power; on this account there has not been a single return from any of the companies at Simmons Reef; the great falling off in the yield of gold from the Sultan mine, their return being 650 ozs. less than that of the previous quarter, has also contributed to this result. The company have, of late, been very unsuccessful, inasmuch as no payable quartz has as yet been struck in their lowest (800 feet) level, although from this level driving on a lode and cross-cutting for the several reefs which intersect their mine have been vigorously carried on for the last nine months. Within the last few days, however, they have dropped upon a splendid shot of gold in the Sultan lode at the 600-feet level; the lode is from 12 to 15 inches in width, showing coarse gold all through it. The sinking of their main shaft to a further depth of another 100 feet is also in progress, and it is confidently anticipated that in a short time hence this company will again become a dividend-paying one. The number of men employed by the company has been gradually reduced for some quarters back; this, together with the total failure, at least down to present time, of the North Sultan Company and the Sultana Company, has materially affected the prosperity of Barry's Reef; and the population has decreased from about 4,000 in 1874 to about 2,000 at the present time.

No work has been done in any of the quartz mines at Blakeville, Garibaldi, Wright's Reef and Nuggety Reef. The All Nations Company and the Morning Star Company are also at a standstill.

At Yankee Reef the Victoria Extended Company are driving along the line of the reef at the tunnel level. The Victoria Company, on the same line of reef, are at present getting very promising-looking quartz at the 100-feet level. They have about 20 tons raised which, from all appearance, will give an ounce of gold per ton.

The North Star Company, Union Reef, have dropped upon an antimony lode at their tunnel (55 feet) level; the lode is about 6 inches in width and well defined. At the same level they have also obtained very good prospects from a quartz reef from 4 to 7 inches in width, which it is presumed will give a yield of over an ounce of gold to the ton.

ALLUVIAL MINING.

No fresh discoveries have been made, but the marked improvement referred to in my last report has been kept up, inasmuch as the total yield from this source of mining is quite equal to that of the previous quarter.

No men are employed in mining for other metal or mineral than gold.

The average quantity of water sold was four sluice-heads at 15s. per week per sluice-head.

BALLAN SUBDIVISION.

Mr. S. Cooper, Mining Registrar.

About 35 tons of quartz have been raised at Ashton's Freehold Mine, Blakeville road, during the quarter. There has been no crushing, but Mr. Ashton intends to crush the stone above mentioned, shortly, and expects to obtain quite 2 ozs. to the ton.

No other mining operations have been carried on during the quarter. No water has been sold.

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.

Mr. Alexander Alderdice, Mining Registrar.

The longest period of drought experienced here broke up in the early part of the month of March, and during that month we have had very heavy rains, the gauge showing nearly 7 inches of rainfall. Notwithstanding this the springs are not yet opened, and consequently the sluicers are not working full time. The produce of gold for the past quarter is the smallest on record, viz., 4,257 ozs.

Mining of all kinds has been exceedingly dull. At Eldorado especially has this been the case, two of the claims having fallen into the hands of the mortgagees, whilst the other (the United Eldorado) has been compelled to stop for a considerable time to effect repairs to the machinery. It is very likely that the Ovens Gold and Tin Company's and the Wellington Company's claims may be worked by tributers, as the miners who have been working them are sanguine that payable ground will be found. The prospecting drive in the Wellington claim—on the upper floor—did not pass through ground good enough to warrant it being worked, although it adjoins the claim of the United Eldorado Company, which is still obtaining payable ground.

The Rocky Mountain Company's tunnel is progressing favorably. There is driven monthly about 60 feet. The total distance now constructed is 1,155 feet, or about one-half the whole length of the tunnel.

At the Government Lead, Buckland Gap, there are only two claims now at work—the Prospectors, and the claim above it. Both are obtaining wages from the ground. The company which sank three shafts below the prospecting claim did not find the lead; and it will probably not be further traced until the Prospectors work down to their boundary.

At Stony Creek, since the rain came, washing up in the shallow ground has been general, and with good results. An attempt is being again made to form a company to work the deep ground from the Buckland road to the river—a distance of about two miles—which requires machinery, as the leakage is excessive here. It ought to pay well, as there are several leads falling into it, and which have given profitable results.

Quartz mining is not improving. Only one reef, the Caledonian, at Basin Creek, having given a return of over 1 oz. per ton. A second crushing from this reef only yielded about 8 dwts. per ton. From the character of the stone in this reef it was thought to be one that would improve as it went down, but so far it has not done so. At Rocky Point a crushing has been taken from the abandoned New-chum Reef, which gave 12 dwts. per ton. The specimens from this reef, which were exhibited here, gave one the idea that the stone would average at least 2 ozs. per ton. The tributers in the Homeward-bound reef have struck good stone which will pay them well; but the result of the crushing is not yet to hand, as it is unfinished. The stone crushed from the Wallaby Reef, Hurdle Flat, is not as good as usual; but it is thought that the next crushing will be from stone of a better character.

YACKANDANDAH NORTH SUBDIVISION.

Mr. J. C. Forster, Mining Registrar.

I have to report there is no mining at present in this division.

YACKANDANDAH SOUTH SUBDIVISION.

Mr. J. Smart, Mining Registrar.

The return from the alluvial mines still remain very small. The dry weather having only been broken up a week or two, which is too short a period to make the rainfall felt in the yield.

The engine erected for crushing quartz some little time ago at Sandy Creek was found to be deficient in stamping power; this has now been rectified by the additions of five heads, which will lead to an improvement in the quantities operated on.

Two new reefs have been discovered during the last week showing good prospects within two miles of the original lode.

WANDILIGONG SUBDIVISION.

Mr. T. C. Kaighin, Mining Registrar.

I have little of importance to report in connection with the mining interest in this division during the past quarter. Quartz, as well as alluvial mining, being at the present time in a very depressed condition, the yield of gold for the quarter shows a decrease of over 1,700 ozs. as compared with quarter ended 31st December 1877. No new discoveries of quartz reefs likely to prove of permanent value have been made during the quarter, and several finds made towards the close of last quarter have, in many instances, not resulted in realizing the expectations of the finders. A number of the miners returned as "at work" are only partially employed, many being out prospecting without "backers." Several of the quartz mining companies are at present engaged in putting in tunnels at lower levels than those on which the work has been hitherto carried on, and should gold be obtained in payable quantities, as is anticipated, all the labor in the division will be absorbed in a short time.

The following are the companies referred to above who are putting in tunnels at low levels:—London Company, Myrtle Company, Try Again, Cornish United, Prince Arthur, Birthday. I hope to be able to report favorably on some of above by next quarter.

INDIGO DIVISION.

Mr. R. Arrowsmith, Mining Surveyor and Registrar.

The works at the alluvial claim of the Chiltern Valley Gold Mines Company have been pushed forward with great energy during the quarter, the whole of the fine machinery being in position, and the shaft being very nearly bottomed. The pumping engine has been started, and a very short time will suffice to open out the ground. Already 77 men are constantly employed, and no doubt before the expiration of the current quarter a considerable quantity of washdirt will have been raised. The machinery and everything in connection with the works have been erected in a most substantial and workmanlike manner, reflecting great credit on the management and all concerned.

The Chinese who usually throng the dry leads at this season of the year, after the first of the winter rains, are now few in number comparatively speaking, a sure sign that the old workings are no longer remunerative.

Quartz mining cannot be said to be improving so far as numbers are concerned, although the few employed continue as usual to earn excellent wages.

A new reef has been registered on the eastern flank of the main Indigo range, and named the Valentine. I believe fair prospects are being obtained. Some good stone is also reported in the neighborhood of the Golden Bar Reef; with these exceptions there is nothing of public interest to report.

No water has been sold during the quarter.

BUCKLAND DIVISION.

Mr. John Darbyshire, Mining Surveyor and Registrar.

From scarcity of water only three of the quartz crushing mills in this division have been even partially employed during the past quarter.

Several new reefs are said to have been discovered, but until put to the crucial test of crushing no statement as to the payable nature of the stone can be relied on. As water is now becoming plentiful it is hoped and expected that the current quarter will prove more remunerating than last.

The alluvial mines are generally in the hands of Chinese from whom no information can be obtained; indeed, the European miners are also reticent as to their doings. In one instance only did I receive any information upon the subject, and that from a party on the Ovens River, at Eurobin, that the party of two average 30s. per day per man; the party above, I was informed, were doing about the same; the others were represented as doing poorly.

No water sold.

ALEXANDRA SUBDIVISION.

Mr. R. W. S. Greig, Mining Surveyor and Registrar.

Alluvial Mining.

The only matter of importance in this class of mining that has to be reported this quarter is the erection of machinery on the Revival Company's ground, Working Miners' Lead, Godfrey's Creek. This plant has been shifted from Durham Gully. The ground has been let on tribute, and there is, therefore, a prospect of this lead again commanding attention.

A claim of twelve men's ground has been taken up on the bank of the Murrindindi Creek, and a sum of £200 is being expended in cutting a race to work this ground. The holders expect to be mining gold within a month.

The workings in the Goulburn River have continued to give wages during the summer months.

There is nothing new to report as regards the shallow workings. A number of miners are still engaged fossicking in the old workings, which continue to afford a precarious living.

Quartz Mining.

The company formed to work the Mysterious Reef, Alexandra, have been engaged in draining the mine, repairing the plant and works, and are having their shaft sunk a further depth of 60 feet by contract. This mine will now probably be fairly tested.

There is nothing else of importance to chronicle in quartz mining.

No water has been sold for mining purposes during the quarter.

DRY CREEK SUBDIVISION.

Mr. J. Pemberton, Mining Registrar.

But little worthy of note has occurred since my last quarterly report. Alluvial mining exhibits a tendency for the better. Quartz mining has been suspended for want of water. Work is expected to be resumed on Mr. R. G. Meade's quartz claim at an early date.

GAFFNEY'S CREEK SUBDIVISION.

Mr. A. B. Ainsworth, Mining Surveyor and Registrar.

The usual energy has been shown by tribute companies in this subdivision, but, as water has been scarce till the past week, the crushings have been kept back. The Wallaby mine is looking well; this is also the case with the Lauraville, the Golden Belt, and the Rose of Denmark tributes.

The A1 is not showing quite so much gold. The Hunt's Tribute has obtained payable returns. The Danabrog has not been looking well, and results are small, the tributers having thrown up their tribute.

There are no new discoveries, and I hear of no water being sold.

There are no miners working other than gold deposits.

The alluvial diggers have not been as successful as usual.

WOOD'S POINT SUBDIVISION.

Mr. A. B. Ainsworth, Mining Surveyor and Registrar.

The poor yield for the quarter must not be altogether taken as gauging the state of mining enterprise in the division.

The season up till last week was very dry, and water short.

There is no return from the Morning Star save that of the prospecting claims, now once more working with excellent prospects.

The United Company have been driving in their tribute ground for Cherry's Reef, but according to the statement of the manager have not yet struck it. The ground is very hard, and progress slow.

At the All Nations matters are very quiescent, and all tributes have been thrown up; the Alliance Company alone are working.

The Lady Franklin Company have not yet put their rise through, and cannot stope until this has been done.

The Sir John Franklin tributers have nearly finished a four-stamp steam battery at the mouth of their adit, and will be crushing shortly.

The Sycamore Company are taking advantage of the dry season to repair and refit their batteries.

At the Black River little is doing owing to the scarcity of water.

A new discovery, of which the value has not yet been ascertained, was made ten days ago by William Wells, alluvial miner, who discovered, at the back of the Golden Box machine, about four miles down the Goulburn from Wood's Point, a quartz vein about eight inches thick, showing on the surface good gold.

The alluvial mines have averaged only a little over £1 per week per man.

No miners are employed raising other minerals than gold in this division, and no water has been sold during the past quarter.

BIG RIVER SUBDIVISION.

Mr. A. B. Ainsworth, Mining Surveyor and Registrar.

The alluvial gold has fallen off, the average earnings of diggers being under 16s. per week.

The Londonderry Tribute is looking better, and a good yield is expected at the next washing up, about Easter.

There is nothing new to report of this subdivision. No water has been sold; when sold, the price charged is 4s. 6d. per sluicehead. No miners are employed in raising other than auriferous ore.

MITTA MITTA NORTH SUBDIVISION.

Mr. J. C. Forster, Mining Registrar.

I have to report for the quarter ending 31st March 1878 that mining operations have given satisfaction, the returns averaging 12 dwts. per ton. A number of claims have been let on tribute, both for gold and copper working. Messrs. Harris and Hollows' smelting works are at work, and appear to give every satisfaction. The Bethanga Copper Mining and Smelting Company are nearly ready to commence treating the copper, when a number of miners will be employed. The number of miners at present working for gold and copper is about 450.

There have been several quartz prospecting claims taken up of late, but I have not heard of any worth reporting; it is believed, however, that some of them will turn out well.

MITTA MITTA SOUTH SUBDIVISION.

Mr. D. H. Gilmore, Mining Registrar.

Mining generally in this subdivision is in such a depressed state that there is nothing of importance to report. An attempt was made to collect sufficient funds to procure a small battery for the purpose of testing the reefs in the district, but the promises of support received were inadequate. A prospector, who states that the prospects he got here are encouraging, has taken up a claim and machinery site on behalf of a company at Bright. He has now suspended prospecting operations and intimates the possibility of his employers erecting machinery. If this be done an impetus will be given to the quartz mining industry of the district.

JAMIESON SUBDIVISION.

Mr. W. H. Edwards, Mining Registrar.

The Venture Company, after prospecting on the eastern side of the old workings, and cutting several leaders, have had a trial crushing which has paid very well. They will now commence to open out.

The Gleeson's Lease Company struck a leader going east, and are now putting in a tunnel to cut it at a lower depth.

The Perseverance Tribute Company have been taking out stone from the No. 5 level, and expect to commence crushing shortly.

The No. 1 South Alabama Company are driving east in the break above the intermediate level. The tunnel is now in about 135 feet.

The Poverty Company are still driving the low-level tunnel, and expect to cut the reef in about 40 feet.

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.

Mr. N. G. Stephens, Mining Registrar.

Mining affairs have been in a rather dull state this quarter, and the quantity of quartz crushed is much less than usual, but the average yield per ton is slightly higher than it has been for some time past.

In the Great Extended Hustler's Company's mine a reef 20 feet thick, showing gold, has been struck at a depth of 1,200 feet, and it is expected that the eastern leg of it will turn out rich, if so, it will influence the whole line. Already the shares have advanced considerably in value.

The United Pyrites G. E. Company have adopted the chlorine process for treating pyrites. The question "Which process is best?" is exciting considerable interest.

Some claims have been taken up for sluicing purposes, and an alluvial prospecting claim has been marked out at Fletcher's Creek, Marong, the gold from which is very coarse.

Additional information respecting some of the quartz, &c., crushed during the past quarter, included in the tables prefixed to these reports :—

Name of Company.	Where Quartz, &c., were obtained.	Quantity crushed.	Total Yield of Gold.	Average Yield of Gold per Ton.	Depth at which the Quartz was obtained.	Original Water-level.	Width of Reef, &c.
		tons.	oz. dwt. gr.	oz. dwt. gr.		feet.	
Londonderry	Garden Gully Reef ..	138	335 12 0	2 8 8·34	350 feet	..	About 6 inches. Engine shaft 812 feet, still sinking
Garden Gully United ..	Garden Gully Reef ..	4,116	3,850 4 0	0 18 17	420 and 745 feet ..	..	From 2 feet to 10 feet
Unity	Garden Gully Reef ..	522	491 1 0	0 15 11·54	100, 450, and 844 feet	..	From 1 foot to 4 feet. 142 tons, from 844 level, yielded 140 ozs. 15 dwt.
Burrowes' Freehold Trib.	Garden Gully Reef ..	345	105 11 0	0 14 13·40	300 to 400 feet ..	200	From 6 inches to 18 inches
Victory	Garden Gully Reef ..	575	374 14 0	0 12 22·63	750 feet	..	A body of spurs, from 12 feet to 15 feet; shaft 772 feet
Garden Gully Freehold ..	Garden Gully Reef ..	334	119 5 15	0 7 3·42	400 feet	..	From 2 feet to 2½ feet
Great Southern	Garden Gully Reef ..	647	264 2 0	0 6 14·78	230 feet	200	From 6 inches to 3 feet
Cornish United	Garden Gully Reef ..	405	119 5 0	0 5 18·45	864 and 920 feet ..	..	From 8 inches to 2 feet
Central Catherine ..	Catherine Reef ..	1,137	1,406 17 0	1 4 17·92	520, 640, and 700 feet	180	About 3 feet
Catherine Reef U. C. ..	Catherine Reef ..	2,345	1,308 19 18	0 11 3·93	Surface to 800 feet	130	Principally small spurs.
Lazarus No. 1	New-chum Reef ..	882	511 16 0	0 11 14·55	From 250 to 740 feet	140	From 6 inches to 32 feet
Lazarus	New-chum Reef ..	2,011	981 11 0	0 9 17·93	From 260 to 700 feet	140	From 2 feet to 15 feet
North Old-chum ..	New-chum Reef ..	325	153 7 0	0 9 10·48	Surface to 1,000 feet	..	From 2 feet to 8 feet
Shenandoah	New-chum Reef ..	1,062	456 7 22	0 8 2·51	626 feet	246	30 feet
Young-chum	New-chum Reef ..	503	158 12 0	0 6 7·34	Various	..	
Old-chum	New-chum Reef ..	611	170 18 0	0 5 13·60	960 feet	..	18 inches to 5 feet
Shamrock	New-chum Reef ..	682	178 7 15	0 5 5·51	400 to 500 feet ..	..	Very large. Only 2 feet of the stone taken
Victoria Reef	Victoria Reef ..	3,233	2,292 15 0	0 14 4·40	480 to 976 feet ..	180	From 1 foot to 30 feet
Great Central Victoria ..	Victoria Reef ..	251	96 5 0	0 7 13·89	200 to 400 feet ..	300	Spurs 5 feet in thickness
Hercules and Energetic ..	Victoria Reef ..	3,724	1,149 19 8	0 6 4·22	Various	..	Various
South Victoria Reef Amalgamated	Victoria Reef ..	543	150 14 0	0 5 13·21	540 to 620 feet ..	..	Various
Victoria Reef Quartz ..	Victoria Reef ..	382	81 14 22	0 4 6·71	Various	..	
Victoria Consols ..	Victoria Reef ..	1,029	244 10 19	0 4 3·98	500, 609, and 844 feet	..	
Bendigo and Melbourne ..	Bird's Reef ..	610	302 2 0	0 19 9·91	400 to 450 feet ..	50	6 inches to 3 feet
Bird's Reef	Bird's Reef ..	736	442 3 0	0 11 20·49	100 to 360 feet ..	50	1 foot to 10 feet
Albion United	Bird's Reef ..	438	253 17 0	0 11 16·38	20 and 360 feet ..	50	6 inches to 6 feet
Great Extended Hustler's Reef	Hustler's Reef ..	1,610	1,209 10 0	0 17 9·54	350 to 800 feet ..	90	12 inches
Extended Hustler's Freehold	Hustler's Reef ..	702	206 13 0	0 5 21·29	230 feet	..	From 3 feet to 5 feet
Rose of Denmark ..	Johnson's Reef ..	353	172 19 10	0 9 19·20	90 feet	..	From 2 feet to 14 feet
Johnson's Reef	Johnson's Reef ..	6,660	1,707 1 12	0 5 15·24	From 100 to 600 feet	..	Chiefly spurs, from 2 inches to 2 feet
United Devonshire ..	Devonshire Reef ..	185	40 11 20	0 4 9·05	325 feet	150	
Duchess of Edinburgh ..	Devonshire Reef ..	262	166 13 0	0 12 8·20	300 feet and upwards	100	Spurs
Ellenborough	St. Mungo and Devonshire Reef	228	1·3 8 2	0 13 10·95	Surface	100	From 1 foot to 4 feet
Snob's Hill	St. Mungo and Devonshire Reef	297	166 16 18	0 11 5·63	Surface	100	From 1 foot to 4 feet
Alexander Reef	Lockwood	261	79 11 18	0 6 2·36	240 feet	50	From 1 foot to 4 feet
Bogel and Co.	Lightning Hill Reef ..	700	135 10 0	0 3 20·91	40 to 70 feet ..	..	About 12 feet
Empire Amalgamated ..	Friedman's Reef ..	1,555	392 4 12	0 6 7·51	110 feet	..	About 12 feet
Morning Light	Carshalton Reef ..	1,144	200 12 0	0 3 12·16	Surface to 400 feet	200	1 foot to 8 feet
New Moon	Moon Reef	860	480 7 0	0 11 4·10	From 180 to 240 feet	..	1 foot to 4 feet
Windmill Hill	Windmill Hill Reef ..	315	105 2 12	0 6 16·19	Various	..	
Great Britain	Prince Alfred Reef ..	500	116 4 0	0 4 15·53	225 feet	80	Spurs
Golden Pyke	Comet Reef ..	314	125 18 16	0 8 0·51	Various	..	
Extended St. Mungo ..	St. Mungo Reef ..	270	178 3 0	0 13 4·71	180 feet	..	From 6 inches to 12 inches
PYRITES.					TREATMENT.		
Garden Gully United ..	Garden Gully Reef ..	50	233 12 0	4 13 10·56	40 tons of it by chlorine		
Great Extended Hustler's Reef	Hustler's Reef ..	11½	53 2 0	4 12 8·34	Chlorine		
Victoria Consols ..	Victoria Reef ..	10	21 18 12	2 3 20·40	Chlorine		
Albion United	Bird's Reef	1	14 7 2	3 11 18·50			
New Moon	Moon Reef	3	5 3 0	1 14 8	Reverberatory furnace		
Johnson's Reef G. M. ..	Johnson's Reef ..	50*	..	..	..	..	
Johnson's Reef G. M. ..	Johnson's Reef ..	10†	..	..	..	..	

NOTE.—The above figures are not to be added to those in the tables prefixed to these reports. They are already massed and included in the tables.

* Sold for £100. † Blanket sand, sold for £50.

KILMORE DIVISION.

Mr. James W. Osborn, Mining Registrar.

Two quartz mines at Reedy Creek are being worked, but no results have been reported.

No water was sold during the quarter.

HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.

Mr. E. C. Bell, Mining Registrar.

There has been no perceptible improvement in mining in this division and subdivision during the past quarter. The Alison Company at Costerfield still continue to obtain fair average yields.

No water was sold during the past quarter.

WARANGA NORTH SUBDIVISION.

Mr. Henry Hicks, Mining Registrar.

Alluvial mining has made no progress during the quarter. Only about 60 miners now remain at the scene of the late rush.

Water being now abundant some of the old puddling claims are being again worked.

Quartz mining throughout the subdivision is being pursued with much activity and with satisfactory results. The return of yield of gold shows a decrease, but not of a marked character, and is accounted for by the inactivity of the machines during part of the quarter from the want of water.

Two new reefs of a payable character, viz., the Rambler's Rest and Christiana, at Rushworth, have been discovered during the quarter.

Mining for metals other than gold is confined to the Antimony Reefs—the Black Cloud Company's Diggings, and U. and F. Company, Whroo. The former employ 9 men, the latter 2 men.

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.

Mr. P. Virtue, jun., Mining Registrar.

Alluvial Mining.

The much needed and copious rains which recently fell here have had a rapid and favorable effect upon all classes of mining operations in this division. The dams and reservoirs are now well supplied with water, and the serious hindrance to mining industry which was caused by the long protracted drought has been effectually removed.

The principal event of the quarter has been the successful formation of the Woolbrook Company, whose mine is situate at Woolbrook, near Carisbrook, on the same ground as that which was formerly occupied by the Dan O'Connell Company. This company has purchased the whole of the machinery and plant which formerly belonged to the New Magnum Company, and is now busily engaged with its erection. The prospects of the company are considered to be very good, as the ground has already been proved to be rich. Should the company succeed with the enterprise it will be the probable means of opening up a large extent of new auriferous country between Carisbrook and Majorca.

The operations in the Duke and Timor (late the Duchess of Timor) mine have received more than one serious check during the quarter. A breakage occurred to a portion of the machinery, which led to a temporary suspension of work and other serious consequences. The shaft and damaged machinery have been repaired, and everything about the mine is now in good working order.

The Try Again Company, Timor, has at length got on to payable gold; in consequence, shares in this company have advanced, and are now firmly held. This company deserves to succeed, for it has clung to its property under the most depressing circumstances, and has spared neither labor nor expense to develop the resources of the mine.

The Count Bismarck Company has been less fortunate than usual during the quarter. It has experienced no accident of any kind, but the ground has been found to be variable and uncertain; hence the decline in the yield of gold from its mine. I hope to be able in my next report to send you better tidings regarding this mine, which has all along been managed with great ability.

The following is a statement of the gold obtained from the principal alluvial mines in this division during the quarter:—

	oz.	dwt.	gr.
Count Bismarck, Alma	2,330	18	0
Duke and Timor, Timor	670	7	0
Queen, Alma	232	14	0
Gladstone, Alma	70	0	0
Seaham, Alma	45	0	0
St. Osyth, Chinaman's Flat	34	11	1
Try Again, Timor	29	6	18
	3,412	16	19

The following dividends have been paid during the quarter by the companies named:—

	£	s.	d.
Count Bismarck	4,500	0	0
St. Osyth	28	12	0
	£4,528	12	0

Quartz Mining.

The splendid return from the mine of the Telegraph United Company has caused a great deal of stir in local mining circles. So good a return from this mine was quite unexpected. From a crushing of 164 tons a yield was obtained of 351 ozs. 11 dwts., or an average of more than 2 ozs. 2 dwts. per ton. The company has another lot of payable stone at grass, and will begin to crush in a week or two. The ground adjacent to the mine has been taken up, and the character of the Telegraph Reef will now be thoroughly tested. The Bristol Hill Company is prospecting its ground, and is also putting up another boiler and condenser. The Mariner's Reef Company is driving a brisk business in crushing for the public, but the mining operations of the company call for no special remark. Messrs. Noel and Oswald have begun to treat the tailings and pyrites contained on the ground leased by the Mariner's Reef Company. As yet they have confined their attention to the tailings alone. From 1,000 loads they obtained 100 ozs. of gold. The Cambrian mine, at Mosquito, has passed into the hands of the Bank of Victoria. There is nothing which appears to me to call for special remark in relation to the other leading mines in the division.

AMHERST DIVISION.

Mr. Joseph Smith, Mining Surveyor and Registrar.

Quartz mining has been dull during the quarter.
The Churchhill Company have let tenders for the erection of steam machinery.
The Prince of Wales Company are sinking a new shaft for the reef.
In alluvial mining there is little doing.
The Gold Gate Company have burst their boiler, and have stopped for the want of funds.
No water has been sold for mining purposes during the quarter.

AVOCA SUBDIVISION.

Mr. D. O'Leary, Mining Surveyor and Registrar.

Mining generally has been very dull during the quarter; even Homebush, with its well-defined lead, has been very quiet. The lead has not been yet traced beyond the boundaries of the Working Miners' claim, but the wash at present in a northerly direction is reported as being "very heavy and the best yet seen in the mine." On the north side, in the Homebush Company's claim, the bores have reached a depth of 158 feet, with no indication to the bed rock.

Quartz.

In quartz mining there is nothing of importance to report. Operations in the mine of the Perseverance Tunnel Company, Percydale, which have been suspended for over eighteen months, have been resumed, with a good prospect of success, under the management of a new company.

DUNOLLY AND TARNAGULLA DIVISIONS.

Mr. W. G. Couchman, Mining Surveyor and Registrar.

Dunolly Division.

There has been more animation in quartz mining during the quarter, but most of the companies are in a progressive state and not yet on gold.

Bealiba Reef.—The Queen's Birthday Company have been getting excellent returns during the quarter, 2,760 tons of stone having given an average of over 2½ ozs. per ton. Three dividends, viz.,—two of £1 each and one of 30s.—amounting to a total of £21,000—respectively, have been paid during the quarter, and a considerable addition has been made to the reserve fund. The company have during the quarter been sinking a new main shaft (which is now down 333 feet), and a new air shaft; and, also, driving the 335 and 400 feet levels south, and stoping the backs from these levels. It has been found that the reef rises towards the surface going south, and also makes in that direction towards the King's Birthday Company's lease. The stone in the bottom level is improving, and shows as if a new make had been struck going south. One new boiler has been erected during the quarter, and another one is to be erected without delay; and three sets of Halley's percussion tables are to be fixed to the batteries. King's Birthday Company have sunk one shaft to a depth of 124 feet, but, having had a survey of the course of the reef through the Queen's Birthday mine, are now sinking another one which is down 80 feet. They are also working on the Arkstone Reef, and breaking out stone from it. The prospects of this company are very encouraging. South Birthday Company, having sunk one shaft to a depth of about 60 feet, are now sinking another one further south and west. A company is to commence operations very soon to mine upon the Spread Eagle Reef, Dunolly, and to combine therewith quartz crushing for the public. The want of a public machine where quartz could be efficiently and cheaply reduced has long been felt here, and it is believed this company's starting will give a great impetus to mining operations. The Sydenham Company, Quaker's Gully, have their shaft down over 200 feet, and are now sinking a well. When this is completed they will cross-cut for the reef at 200 feet in depth. The Queen's Reef Company have driven No. 1 level north 277 feet; the stone is 5 feet in width, and carries a little gold. They are also sinking Ah Loy's shaft deeper, and if stone as good as that in No. 1 level is met with in it a crushing plant will be erected. Several other reefs in the locality of Dunolly are expected to be in work very soon.

In alluvial mining there is nothing of note to report.

Tarnagulla Division.

Both quartz and alluvial mining have been exceedingly dull during the quarter, and there are no crushings worth note to record. There are, however, some indications of improvement, as preparations are being made by cleaning out boilers and overhauling machinery, &c., to resume work on the Old Poverty line of reef. A company is also being formed, and a large number of shares are taken up, to work Robinson's lease, on Watts' line of reef.

INGLEWOOD DIVISION.

Mr. W. H. Coffey, Mining Registrar.

The yield of gold for the last quarter has decreased, which is accountable for in some degree by the cessation of work by the Daly Lead Tribute Company since the early part of February. A fresh company has been formed, for the purpose of trying the ground above the late claim.

Mining operations still continue in the same depressed condition.

WEDDERBURN DIVISION.

Mr. John Reach, Mining Registrar.

Mining matters, both quartz and alluvial, continue in a very depressed state. There is a considerable falling off in the number of miners in this division as, owing to the great scarcity of water for so long a time, many have been forced to seek other means of obtaining a livelihood. As, however, the late heavy rains have given a good supply of water, I expect soon to see a great improvement in mining.

No water was sold or stored for sale during the quarter.

REDBANK SUBDIVISION.

Mr. D. O'Leary, Mining Surveyor and Registrar.

Mining operations continue very dull in this subdivision. There is nothing of moment to record.

ST. ARNAUD SOUTH SUBDIVISION.

Mr. W. G. Couchman, Mining Surveyor and Registrar.

There is nothing whatever of importance to note in mining operations in this subdivision during the past quarter.

ST. ARNAUD NORTH SUBDIVISION.

Mr. W. G. Couchman, Mining Surveyor and Registrar.

There is very little improvement to note in mining operations in this subdivision during the quarter. Work has been resumed on the Bristol Reef by a company (the Working Miners' Company) formed to work the reef, and a crushing therefrom has given a yield of ½ oz. per ton.

CASTLEMAINE MINING DISTRICT.

CASTLEMAINE DIVISION.

Mr. Thomas L. Brown, Mining Surveyor and Registrar.

The past quarter has been the dullest and most unprofitable ever experienced in the Castlemaine division. In alluvial mining the sluicing parties have been mostly idle, awaiting completion of contour races, and have not yet got into working order under the new system of water supply. From ordinary puddling and tomming operations the yield of gold is small.

In quartz mining only one new find has been made. At the Argus Reef a western lode has been discovered, which yielded 143 ozs 12 dwts. from 141 tons, but which was then unfortunately flooded by overflow of Forest Creek.

The Chewton United are sinking a new shaft. Their fine plant is lying idle, and their workings are flooded.

The Wattle Gully Company are driving their 450-foot level south. They are now in 416 feet from engine shaft, and expect daily to cut the shoots of gold dipping north from the central claim and worked to their boundary.

The Central Company are driving at the 400-foot level for the same run of stone.

The New Wheal Terrill are sinking a new shaft.

The Eureka Consols have added pyrites works to their plant, and effected other improvements. They have let a portion of their mine on tribute, and are sinking a winze upon their run of auriferous stone below the 460-foot level.

The old Nuggety machinery has been removed; also a small plant from Myrtle Creek.

It is reported that the Ajax mine is again to be worked; the sinking of the main shaft is the first desideratum.

The New Caledonia, Dan O'Connell, Burns, Nimrod, Sebastopol, Fortuna, and other quartz reefs are being worked with better prospects.

FRYER'S CREEK DIVISION.

Mr. Mark Amos, Mining Surveyor and Registrar.

Population.

There has been a considerable decrease in the number of alluvial miners, while in quartz there has been an increase owing to more prospecting having been proceeded with.

Puddling and Sluicing.

Nothing extraordinary has transpired in connection with these branches of mining, moderate returns being furnished, excepting in three or four instances, where the weekly earnings of the parties concerned have been very good.

Quartz Mining.

The number of miners employed having increased should be considered a favorable sign of greater confidence on the part of mine owners. The Ferron's line of reef appears now to be more profitably worked than the Cattle's, the latter having generally been considered the more important line, and better defined. The Ferron's Reef Company continue to pay good dividends, and are making fresh discoveries at greater depths; the company have sunk their main shaft a depth of 386 feet from the surface, and at 380 feet the mining manager informs me he has opened out a chamber on payable quartz, and that there are still gold-bearing leaders in the bottom of the shaft. The lode now being worked at 380 feet is very irregular and undefined, consisting of a series of leaders from 6 inches to 20 feet in thickness. The company are still sinking by contract, and propose to go to the depth of 444 feet, when further sinking will be suspended for a time.

Rowe Brothers, Cattle's Reef.—The returns from this company have been considerably less than usual, owing to the work having been confined to sinking the old shaft a further depth of 60 feet, immediately below the old workings.

The Fryer's Co., Small and Co.—These companies are now actively engaged extending their mining operations, but the returns are not quite so satisfactory as desired.

Duke of Cornwall Company are progressing very favorably, the mining manager being in daily expectation of striking a good payable lode, their present average being about 3 dwts. to the ton, which just pays working expenses.

The English-Australian Gold Mining Company.—The manager states their shaft is now down 426 feet, that sinking is still going on, and that cross-cuts are being driven; they have not been working on the lode for two or three months. The works are progressing very satisfactorily.

The Perseverance Company have been rather successful of late, having realized from a crushing of 200 tons an average of 12 dwts. to the ton at the 130-feet level. Mr. Mills, the manager, is of opinion the company have very good prospects in view.

The Black Hawk Company.—This company have not been able to crush quartz during the past quarter; their main shaft has been sunk to a depth of 300 feet, but they propose to sink deeper before they open out.

HEPBURN DIVISION.

Mr. Thomas Hale, Mining Registrar.

Early in January a small rush occurred at Stony Creek, in consequence of Stevens and party coming on to a spur or shoot of quartz in a tunnel which had been for many years abandoned; 25 tons of quartz gave 5¾ ozs. per ton; 50 tons, yielding 95 ozs., followed; but, as litigation is pending, information in reference to the most recent crushing is refused, and the rush has become a thing of the past.

At Specimen Hill Company's works a good shoot of quartz has been struck at the 460-feet level. The company are now sinking No. 2 shaft to a depth of 460 feet, at N.W. of No. 1, and distant about 700 feet.

The Cornish Company are driving for the Crown Reef at 520-feet level, which, from indications, they expect soon to reach.

The North Cornish Company are persistently working.

The Argus Company's shaft is 582 feet deep. At the 500-feet level a cross-cut has been driven 236 feet westwards, to cut the reef.

The Ajax Company still raise good payable stone.

Samson and Co., Mauritius Reef, have encouraging prospects.

King and Willard's mine, at Willard's Reef, still yields good gold.

Union Company have let the tribute to Bray and party. Stone is easily obtained, and pays, though a small average per ton rules.

Alluvial surface and shallow workings are beginning to feel the beneficial effects of recent rains. The water races have not yet fairly commenced running, and little or no water has been sold during the quarter.

TARADALE AND KYNETON SUBDIVISION.

Mr. Thomas Orwin, Mining Registrar.

The Confluence Gold Mining Company, who took up the land south of the Lord Malmsbury claim, have bottomed their shaft on the gutter, and are highly pleased with their prospects. The ground is dipping, which will necessitate a deeper shaft, but the company, under the able managership of Mr. Broadbent, with efficient machinery, will be equal to the emergency. No expense will be spared, especially as the claim is so promising. The adjoining claim, the Ironstone Hill Company's claim, still continues to yield satisfactory results. I hope ere long this deep lead will be traced and worked eastward, as it is trending towards Redesdale. Many years ago a claim was commenced below the falls on the River Campaspe, and called the Barfold Estate Company. The shaft, though deep, was never bottomed, owing to the company ceasing to pay calls and collapsing, notwithstanding they had, when they left off working, a heavy wash of the most encouraging character. This deep ground has not yet been proved.

The Italian's tunnel, now near 1,000 feet in the hill, on the banks of the Coliban, and worked at considerable expense, continues very poor.

The Bendigo Company, which for nearly two years have been tunnelling a hill at Lauriston, and prospecting for quartz and alluvial, have recently been rewarded by striking a good alluvial gutter, which they expect will remunerate them for the time and money expended by them.

The United Kingdom Quartz claim has not been yielding quite so well lately.

The United Extended Company adjoining continue to drive in search of an alluvial deposit of gold, which they have reason to think is in their claim. They have now got their drive in 725 feet at the 180-feet level.

The Fenton Company's claim has lately changed hands, and is now to be the Trafalgar Claim, and to be worked on tribute.

The Humboldt Company are still sinking deeper through hard stone.

The Berry's Freehold Company are sinking their shaft deeper, with fair prospects.

The Victoria claim is to be worked on tribute.

The Leviathan Company have suspended work for a while.

TARRANGOWER DIVISION.

Mr. Robert Nankivell, Mining Surveyor and Registrar.

There has been a serious falling off this quarter in the yield of gold, owing chiefly to the suspension of work in nearly all of our deep mines. A great many of our engines are idle and the water is rising.

The Linscott's, Eaglehawk United, and Eaglehawk Union Companies have now to battle with the whole of the water along the Eaglehawk and Linscott's lines of reef, and they find it an expensive item to deal with.

The German Reef Company, after spending £1,000 in baling water from their mine, have been obliged to suspend work, through the bursting of one of the pipes. The pipes in question, having been under water for several years, have become so much oxidized that the substance iron was not more than one-eighth of an inch in thickness, and consequently could not bear the pressure.

The prospects in the North British mine have very much improved this quarter. The reef, 5 feet in thickness, has been struck in the bottom cross-cut, at a distance of 34 feet west from the shaft. A drive has been put in southward about 40 feet, and it shows good golden stone the whole distance. Two kilns of stone have been burnt, and are now ready for crushing. The depth from which the stone is taken is 400 feet. Should it turn out according to expectation an extra number of hands will be employed to open up the mine.

The Eaglehawk Union Company are still sinking their main shaft; they are now down 1,005 feet. Several hands are employed in the stopes breaking stuff for crushing. The crushing mills are now at work.

A discovery of a new lode has been made on the south-west slope of Mount Tarrangower, crossing the old tunnel. The prospectors have had two or three crushings, giving 2 and 3 ozs. per ton; and the No. 1 claim north has also struck the lode, a crushing from which this week gave 3 ozs. per ton.

There is nothing new to report on alluvial mining this quarter. A small engine has been erected at Clydesdale to work the old diggings on the Jim Crow Creek, but hitherto no returns have been obtained.

No water has been sold.

ST. ANDREW'S DIVISION.

Mr. Alfred Armstrong, Mining Surveyor and Registrar.

The last quarter has proved the dullest, both in alluvial and quartz mining, that I have known during the last ten years. The returns of gold show a greater reduction, however, than they otherwise would, owing to the temporary suspension of works on Oram's Reef; and to no crushings having taken place on the Diamond Creek reefs.

There is a slight temporary reduction in the number of men employed in alluvial mining, in consequence of the land selectors offering tempting contracts for scrubbing and clearing land in the mountain districts.

The Union Lead Hydraulic Mining Company, at Hoddle's Creek, are now in full progress, but have met with great difficulties from the quantity of water met with as their tunnel is being extended, and also from the lead dipping suddenly below their drive. The lead still continues gold bearing, and it is hoped will jump up to its former level.

BLUE MOUNTAIN NORTH SUBDIVISION.

Mr. Graham McPherson, Mining Registrar.

The only gold obtained worth mentioning in this subdivision during the quarter has been got at Garlick's, partly by individual miners and partly by the Enterprise Alluvial Co-operative Company. As near as I can ascertain there have been raised and sluiced about 360 loads of dirt, which has yielded on an average 3 dwts. per load. They are now driving through broken ground, but expect to reach the solid again in a few days.

No quartz miners are at work up to the present time.

ARARAT MINING DISTRICT.

ARARAT DIVISION.

Mr. Thomas Foyster, Mining Registrar.

In consequence of the drought scarcely any sluicing has been carried on.

Prospecting for payable quartz has been steadily persevered with, though not at present with payable results.

At Mitchell's Reef the shaft has been put down to a depth of 227 feet, over 200 feet of which have been strongly timbered. A new whim has been erected, and sinking is being vigorously proceeded with, although the water is now making at the rate 110 gallons per hour.

Sinking in the Try Again claim, on the Gap Reef, has been carried to 170 feet, dipping with the stone, which now shows a thickness of nearly 12 inches.

Several trial crushings have been taken out of Moore's Reef without proving remunerative, and the prospectors are now cutting down a shaft, which they purpose testing at the water level.

A good sample of golden quartz has been discovered on private ground (Maynard's), in Dunneworthy, but little has been yet done to prove the reef.

Two new alluvial leases have been taken up, but little work has yet been done on either.

PLEASANT CREEK DIVISION.

Mr. H. C. Bate, Mining Surveyor and Registrar.

There is nothing encouraging to report concerning mining operations during the past quarter. The yield of gold has been comparatively small, and there is no new find to chronicle.

The hopes of those interested in mining in this division are mostly bound up with the operations of the Newington and the United Scotchman's companies, the finding of payable gold in either of which claims would give a fillip to the industry generally.

The accompanying returns show that eleven shafts have attained a depth of over 1,000 feet, a twelfth being very nearly 1,000 feet deep.

BARKLY DIVISION.

Mr. H. C. Bate, Mining Surveyor and Registrar.

Mining operations have been generally dull throughout the division during the past quarter, and the yield of gold, as may be seen by the tables, is very small.

The diggings between Barkly and Frenchman's have not proved very successful, only a few parties having been fortunate enough to find gold; and their average has only been from 2 to 4 dwts. to the load.

It is the intention of the Cosmopolitan Alluvial Company, at Barkly, to put up steam machinery, as they find a great amount of water in the ground being worked by them.

No water was sold for mining purposes during the quarter.

RAGLAN DIVISION.

Mr. C. W. Minchin, Mining Registrar.

There is nothing of importance to report on in this division for the past quarter, where the New Victoria Gold Mining Company's mine, at Waterloo (let on tribute, the only mine at work there at present), continues fairly prosperous in the face of many difficulties. such as the freeness of the water and gravel in the drives, &c., and having to contend against a great body of water alone.

At Charlton the New Enterprise Gold Mining Company are, I understand, still carrying on operations, but they seem inclined to keep the particulars of the mine quiet.

The-Got-Him-by-the-Wool Gold Mining Company, late of Beaufort, have broken up their party, discontinued mining, and abandoned the claim since the beginning of the present year.

GIPPSLAND MINING DISTRICT.

OMEO SUBDIVISION.

Mr. W. Phipps, Mining Registrar.

The quartz miners have plenty of stone at grass, but have only just commenced crushing.
There is no change in alluvial mining except a small rush of European miners to the Gibbo River.

MITCHELL RIVER SUBDIVISION.

Mr. John Grimes Peers, Mining Surveyor and Registrar.

Mining matters, generally, throughout the subdivision, are in a similar state to that previously reported. Nothing has occurred worthy of special mention.

A number of the alluvial miners have been taking up selections, under the 19th section of the existing Land Act, in the neighborhood of their claims.

No work of any importance is being gone on with at the Buchan galena mine.

No water is sold for mining purposes in this subdivision.

Gold and galena are the only minerals searched for.

BOGGY CREEK SUBDIVISION.

Mr. John Fletcher, Mining Registrar.

Nothing of any importance has taken place here since my last report. The miners, on an average, are satisfied with their earnings; and there has been a few good nuggets unearthed during the quarter.

CROOKED RIVER DIVISION.

Mr. James Travis, Mining Registrar.

An improvement in mining operations throughout this division has taken place during the present quarter.

The crushing from the Good Hope was quite as good as was anticipated, and the tributers hope to be able very soon to keep the mill going constantly.

The yield from the Sons of Freedom Company's mine (Union Reef) was very good indeed. More men are to be put on at once, and there is a reasonable hope that this will turn out a good paying reef.

The number of alluvial miners has increased slightly during the quarter. A good deal of prospecting has been done on the Wongungarra River, and some good finds have been made on both the Good Luck and the Crooked River. There is no water sold in this division for mining purposes.

JERICHO DIVISION.

Mr. R. J. Donaldson, Mining Registrar.

The scarcity of water has retarded mining operations considerably during the quarter just ended, and recent floods have caused serious damage in some instances to the river and creek alluvial claims, consequently there is a a marked falling off in the yield of gold.

The tributers in the Harbinger Gold Mining Company's claim have cut the reef in their lower tunnel, and are confident of good returns by and by, but as yet they have not sent any stone to the mill.

No mining is carried on for other minerals than gold.

No water was sold in this division during the quarter.

DONNELLY'S CREEK DIVISION.

Mr. O. P. Whitelaw, Mining Registrar.

There has been a falling off in the quantities of gold obtained both from alluviums and quartz reefs during the quarter.

The Florence and Sterling companies have suspended work.

The Hit-or-Miss Company are sinking a winze to cut the new shoot, now being worked by the Bismarck Company.

The Victory, a claim held under miners' rights, adjoining the Sterling Company, are sinking a winze and obtaining stone in which a little gold can be seen.

The Gippsland Consols have a large body of stone easily obtained. They have crushed during the quarter 290 tons, yielding 62 ozs. 17 dwts.

The Bismarck Company continue to get good stone from the new shoot. They have crushed for the quarter 120 tons for 160 ozs.

No other minerals than gold mined for, and no water sold.

STRINGER'S CREEK DIVISION.

Mr. W. M. Smith, Mining Registrar.

Mining in this division during the past quarter has maintained its same even and satisfactory aspect. The total yield of gold for the quarter was not quite so large as that for the previous quarter, but the average per ton will be found to be nearly the same. Total quantity of quartz crushed 5,990 tons, for a total yield of 6,627 ozs. 1 dwt. 12 grs., or an average of 1 oz. 2 dwts. 3·05 grs. per ton. The yield would have been much larger had the two principal companies—the Long Tunnel and the Walhalla—been crushing full time. During the quarter each of these companies stopped for about a month, for the purpose of adding to their already powerful machinery. The average yield from the stone crushed by each of the companies during the time operations were continued was above that for the previous

quarter. The reef in the lowest level of the Long Tunnel Company is looking well, and continuing to improve in width. During the quarter under review the Fear Not Company had a trial crushing of 58 tons of quartz—the first they sent to the mill—yielded 40 ozs. 19 dwts., or an average of 14 dwts. to the ton. This yield is considered by the shareholders so satisfactory that they contemplate, I hear, erecting crushing machinery of their own. In the mine they are now testing the lode below the adit level. The Long Tunnel Extended Company, having completed their commodious chamber and sunk their shaft to water level, are now busy with the erection of pumping and winding machinery.

I have not heard of any new finds or fresh discoveries among the alluvial miners of this division during the quarter just closed, but, as the yield of alluvial gold is not far short of that for the previous quarter, I take it that this branch of mining may be described as in much the same satisfactory condition as it has been for some time past.

ABERFELDY SUBDIVISION.

Mr. J. McCann, Mining Registrar.

Although the yield of gold for the past quarter has been small, I am happy to say that the prospects of the subdivision were never so good as at present. The Lily Company have struck the reef, showing payable gold in their lower tunnel. This will give a depth of nearly 300 feet under the present workings. Jas. Rice's lease is also looking well, the reef improving as sinking is continued. There is little to report about the other small companies. The Star and Thomson are still pushing their lower tunnel ahead and have struck the reef, but cannot yet form any idea of its quality. From the quality of the surface stone, however, great results are expected. Alluvial mining is all but done in this subdivision. No minerals other than gold mined for. No water was sold during the quarter.

RUSSELL'S CREEK DIVISION.

Mr. C. H. Williams, Mining Registrar.

Mining in this division is still very quiet. Very little gold has been obtained in the gullies during the last quarter. The Tangil Cement Gold Mining Company have obtained very good prospects; it is rumored they have obtained very heavy gold, and are likely to have a rich claim.

The Old Columbia Company are pushing on with the tunnel; the party consists of eight men, four of whom are constantly at work. They have about 400 feet to drive before cutting the reef.

The Old Pioneer claim is now paying, the few men at work making good wages.

No water was sold in this subdivision.

BENDOC SUBDIVISION.

Mr. John Nichol, Mining Registrar.

Quartz mining in this subdivision still remains in the same depressed state as previously reported. The Aurora Borealis Q. M. Company have disposed of the whole of their plant, which has been removed over the border line into New South Wales.

The majority of the alluvial miners are earning a fair livelihood.

No water was sold during the quarter.

TARWIN SUBDIVISION.

Mr. G. Read Murphy, Mining Registrar.

Gold mining during the quarter has been altogether unremunerative, no gold-bearing quartz have been got by either the No. 1 South or Prospectors' Tribute. No. 1 South Company continue to drive in the second or 130-feet level, but as yet have struck no payable stone.

The Prospectors' tributers continue to drive east and west in the 100-feet level.

A new claim has been started on the Coffer's lease, which is now opening out with a very good prospect. Several miners are making a living fossicking about Foster.

Wilson and Company are making wages at their claim on the Benison Flat; several fossickers all make a livelihood at the Benison Hill and Flat. Ten men are fossicking at Turton's Creek with more or less success; and Hannan and mate are prospecting for the source of the gold.

Lime.

Twelve men are burning lime, &c., at the Waratah Company's Kilns, Waratah Bay, and the manager informs me that the works will be much extended next quarter.

TRARALGON SUBDIVISION.

Mr. Charles Denis, Mining Registrar.

Gold mining in this division has not progressed much during the past quarter, owing to the want of capital among the mining community. Gold has lately been found in the crevices of the slate bars, which cross the Traralgon Creek near its source. The formation of the country at the head of the Traralgon Creek is sandstone with slate underneath, the lie of the slate is from south to north and from north to south, rising from opposite directions and meeting in the form of an obtuse angle.

TRICOILOCARYON BARNARDI

F von MUELLER.



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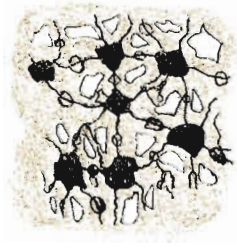
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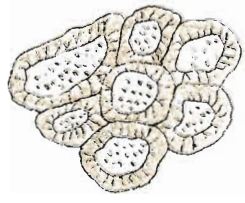
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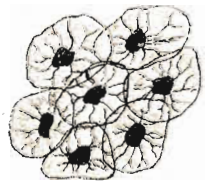
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APPENDIX.

OBSERVATIONS ON NEW VEGETABLE FOSSILS OF THE AURIFEROUS DRIFTS.

BY BARON FERD. VON MUELLER, C.M.G., M.D., Ph.D., F.R.S., GOVERNMENT BOTANIST.

[CONTINUED.]

Tricoilocaryon.

Fruit hard, globular, pointed at both extremities, three-celled, indehiscent; cavities narrow, parallel to the periphery; seeds solitary in each cell, ovate, acute, compressed, smooth.

Derivation of the generic name from τρεις, κοιλος and καρυον, in allusion to the three-celled nut-like fruit.

Possibly this genus may prove referable to Sapindaceæ, inasmuch as the fruit exhibits some resemblance to that of Hemigyrosa (Blume, Rumphia, III., 165) although the sutural angles of the pericarp, characteristic of that genus, are wanting in our fossil fruit. Moreover no traces of dissepiments exist, the seeds being embedded in a cellular mass which, when fresh, may, perhaps, have been pulpy. To Glenniea (Benth. and J. Hook., gen. plant. I, 404) the new genus here defined bears also resemblance, so far as some points of structure of the fruit are concerned, but the seeds are not globular. In Hypelate (P. Browne, Natural History of Tasmania, 280) only one or, according to Grisebach (Flora of the British West India Islands, 127), rarely two of the seeds in each berry attain to maturity.

The discovery of foliage and particularly flowers of Tricoilocaryon (if it could be effected), though such in all instances are so perishable and so difficult to match, would place the real affinity of this new genus hereafter in a clearer light. Meanwhile it is important to turn organic relics like these at once to palæontologic account, with a view of aiding mining operations in the recognition of the sediments to which this form of bye-gone vegetation did belong.

Tricoilocaryon Barnardi.

In the pliocene drifts, deep under basalt, near Gulgong; Charl. E. Barnard, M.D.

Fruit (an only one obtained), $1\frac{1}{3}$ inch long, and nearly as broad, externally somewhat rough and wrinkled, inside solid from hardened parenchyma; the three cavities many times narrower than the diameter of the fruit. Seeds about half an inch long, three lines broad, and in thickness hardly exceeding one line.

EXPLANATION OF LITHOGRAM.

PLATE XIV.

Trycoilocaryon Barnardi.

1. Whole fruit.
2. Transverse section of fruit.
3. Seeds, one presenting its side, the other one its edge.
4. Cellular tissue from the inner portion of the fruit.

1–3. Natural size.

4. Diametrically 250 times magnified.

By Authority: JOHN FERRES, Government Printer, Melbourne.