1874.

VICTORIA.

REPORTS

OF THE

MINING SURVEYORS AND REGISTRARS.

QUARTER ENDED 31ST DECEMBER 1873.

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

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BALLARAT MINING DISTRICT.

Ballarat Central Division	Mr. D. Christy, Mining Registrar	7, 16, 17, 21, 25
Ballarat Southern Division	Mr. George Perry, Mining Registrar	7, 21, 25
Buninyong Division	Mr. Robert M. Harvey, Mining Surveyor and Registrar	7, 17, 21, 25
Smythesdale Division	Mr. John Lynch, Mining Surveyor and Registrar	21, 26
Creswick Division	Mr. James Stevenson, Mining Surveyor and Registrar	7, 16, 17, 21, 26
Gordon Subdivision	Mr. Thomas Cowan, Mining Surveyor and Registrar	7, 21, 26
Steiglitz Subdivision	Mr. O. W. Collins, Mining Registrar	7, 21, 27
Blackwood Division and Blue Mountain South Subdivision	Mr. John F. Hansen, Mining Registrar	8, 18, 21, 27
Ballan Subdivision	Mr. G. P. Black, Mining Registrar	21, 27

BEECHWORTH MINING DISTRICT.

Beechworth Division	Mr. Alexander Alderdice, Mining Registrar	8, 21, 28
Yackandandah Division	Mr. P. Wright, Mining Surveyor and Registrar	8, 21, 28
Indigo Division	Mr. R. Arrowsmith, Mining Surveyor and Registrar	8, 18, 22, 28
Buckland Division	Mr. Lewis C. Kinchela, Mining Registrar	8, 16, 22, 28
Alexandra Subdivision	Mr. R. W. S. Greig, Mining Surveyor and Registrar	9, 14, 18, 22, 29
Dry Creek Subdivision	Mr. Robert Pemberton, Mining Registrar	22, 29
Gaffney's Creek Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	9, 16, 22, 29
Wood's Point Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	9, 22, 29
Big River Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	10, 22, 29
Mitta-mitta Division	Mr. W. H. Cochrane, Mining Registrar	22, 30
Jamieson Subdivision	Mr. W. H. Edwards, Mining Registrar	10, 22, 30

SANDHURST MINING DISTRICT.

Sandhurst Division	Mr. N. G. Stephens, Mining Registrar	10, 16, 18, 22, 30
Kilmore Division	Mr. James W. Osborn, Mining Registrar	22, 31
Heathcote Division and Waranga South Subdivision	Mr. J. T. Strong, Mining Surveyor and Registrar	10, 15, 20, 22, 31
Waranga North Subdivision	Mr. C. J. W. Russell, Mining Registrar	10, 15, 16, 22, 31

MARYBOROUGH MINING DISTRICT.

Maryborough Division	Mr. P. Virtue, Jun., Mining Registrar	11, 15, 18, 20, 22, 31
Majorca Subdivision	Mr. John M. Murphy, Mining Registrar	11, 23, 32
Amherst Division	Mr. Joseph Smith, Mining Surveyor and Registrar	11, 15, 18, 23, 32
Avoca Subdivision	Mr. P. Simpson, Mining Surveyor and Registrar	11, 18, 23, 32
Dunolly and Tarnagulla Divisions	Mr. W. G. Couchman, Mining Surveyor and Registrar	11, 15, 23, 33
Korong Division	Mr. Nesbitt Cockburn, Mining Registrar	11, 23, 33
Redbank and St. Arnaud South Subdivisions	Mr. P. Simpson, Mining Surveyor and Registrar	11, 15, 23, 33
St. Arnaud North Subdivision	Mr. P. Simpson, Mining Surveyor and Registrar	11, 15, 16, 23, 33

CASTLEMAINE MINING DISTRICT.

Castlemaine Division	Mr. Thos. L. Brown, Mining Surveyor and Registrar	12, 16, 23, 34
Fryer's Creek Division	Mr. Mark Amos, Mining Surveyor and Registrar	12, 15, 19, 23, 34
Hepburn Division	Mr. Thos. Hale, Mining Registrar	12, 15, 16, 19, 20, 23, 35
Taradale and Kyneton Subdivision	Mr. Thomas Orwin, Mining Registrar	12, 23, 35
Tarrangower Division	Mr. Robt. Nankivell, Mining Surveyor and Registrar	13, 15, 19, 23, 35
St. Andrew's Division	Mr. Alfred Armstrong, Mining Surveyor and Registrar	13, 24, 36
Blue Mountain North Subdivision	Mr. Graham McPherson, Mining Registrar	24, 36

ARARAT MINING DISTRICT.

Ararat Division	Mr. Ferdinand M. Krausè, Mining Surveyor and Registrar	13, 20, 24, 36
Pleasant Creek Division	Mr. H. C. Bate, Mining Surveyor and Registrar	13, 20, 24, 36
Barkly Division	Mr. H. C. Bate, Mining Surveyor and Registrar	24, 37
Raglan Division	Mr. C. W. Minchin, Mining Registrar	13, 19, 24, 37

GIPPSLAND MINING DISTRICT.

Omeo Subdivision	Mr. W. Phipps, Mining Registrar	24, 37
Mitchell River Subdivision	Mr. John Grimes Peers, Mining Surveyor and Registrar	24, 37
Boggy Creek Subdivision	Mr. George Allen, Mining Registrar	13, 24, 38
Crooked River Division	Mr. James Travis, Mining Registrar	13, 24, 38
Jericho Division	Mr. R. J. Donaldson, Mining Registrar	14, 24, 38
Donnelly's Creek Division	Mr. Hugh St. H. Blair, Mining Surveyor and Registrar	14, 24, 38
Stringer's Creek Division	Mr. E. S. Gutteridge, Mining Registrar	14, 16, 24, 38
Russell's Creek Division	Mr. C. Gadd, Mining Registrar	14, 24, 38
Bendoc Subdivision	Mr. John Nichol, Mining Registrar	14, 24, 39
Tarwin Subdivision	Mr. James McLuckie, Mining Registrar	14, 24, 39
Traralgon Subdivision	Mr. C. Denis, Mining Registrar	24, 39

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SUMMARY.

GOLD MINING STATISTICS FOR THE QUARTER ENDED 31st DECEMBER 1873.

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 December 1873.)

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 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.	Steam Engines employed in Winding, Pumping, Crushing, &c.		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.				From	To
	Europeans.	Chinese.	Europeans.	Chinese.		Number.	Aggregate Horse-power.												Number.	Aggregate Horse-power.											
																												£			£ s. d.	£ s. d.
BALLARAT.																																
Central Division	2,370	320	728	..	3,418	84	3,367	107	..	43	41	3	46	..	..	..	..	..	5	41	935	..	434	3	..	19	..	..	196,350	393	24	4 1 6	4 2 9
Southern Division	402	620	30	..	1,052	6	122	7	..	40	3	11	5	1	7	..	2	..	1	3	40	..	30	..	..	2	7	..	19,000	6½	14	4 0 9	4 1 9
Buninyong Division	760	130	150	..	1,040	23	710	16	3	25	9	4	24	..	19	..	..	..	..	8	250	..	86	3	..	..	..	..	43,000	16	13	4 1 9	4 2 6
Smythesdale Division	1,185	500	50	..	1,735	62	1,370	66	8	11	7	..	60	..	..	3	5	9	1	5	80	..	27	2	..	..	..	..	29,300	15	11	4 0 0	4 1 6
Creswick Division	750	500	850	..	2,100	21	350	17	..	85	16	7	300	..	..	..	..	10	2	35	1,206	..	233	20	2	4	..	1	122,500	13	15	4 1 3	4 2 9
Gordon Subdivision	22	..	202	4	228	1	10	..	..	2	..	..	..	..	..	..	..	..	..	8	177	..	63	..	..	4	1	..	9,473	3½	19	3 18 0	4 0 0
Steiglitz Subdivision	95	110	505	..	710	..	..	..	..	..	..	..	100	..	..	..	..	..	..	10	277	..	58	..	..	13	5	1	20,045	50	73	4 0 0	4 0 3
Blackwood Division and Blue Mountain South Subdivision	160	296	620	4	1,080	..	..	..	..	..	..	..	500	..	15	2	..	..	..	20	410	12	255	..	..	18	..	..	54,000	4½	30	3 17 6	3 18 6
Ballan Subdivision	..	..	25	..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10	..	8	..	..	2	..	..	1,000	1	3	3 16 6	3 18 6
Totals	5,744	2,476	3,160	8	11,388	197	5,929	213	11	206	76	25	1,535	1	41	5	7	19	9	131	3,385	12	1,194	28	2	62	13	2	494,668	149¼	202		
BEECHWORTH.																																
Beechworth Division	1,106	925	93	..	2,124	25	270	..	..	6	12	5	5,200	3	52	20	..	..	2	6	89	3	59	..	..	5	..	..	50,160	47	95	3 19 0	4 2 6
Yackandandah Division	260	387	120	..	767	1	6	..	..	..	..	..	3,000	2	22	20	..	..	..	7	90	2	58	2	..	2	..	..	10,500	12	80	3 16 0	4 0 0
Indigo Division	194	326	59	..	579	12	348	11	..	39	10	38	190	..	15	..	..	..	1	3	28	..	22	..	..	1	6	..	25,378	7¼	25	4 0 0	4 1 0
Buckland Division	130	1,214	440	2	1,786	2	22	..	..	..	..	..	2,000	3	53	53	..	..	1	19	243	16	278	1	..	2	..	..	37,450	60	438	3 17 6	3 18 6
Alexandra Subdivision	180	25	116	..	321	4	65	4	..	10	2	3	30	..	2	..	..	..	1	6	86	..	66	..	..	5	4	..	14,510	28	57	3 16 0	4 1 6
Dry Creek Subdivision	65	100	..	..	165	..	..	..	..	..	..	..	400	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	400	5	..	3 16 0	4 1 0
Benalla Subdivision	..	..	..	..	..	..	..	..	..	..	..	2	180	..	14	14	..	..	..	6	78	12	172	1	1	..	..	..	29,808	24	18	3 16 0	3 17 0
Gaffney's Creek Subdivision	69	6	57	30	162	..	..	..	..	..	..	3	260	..	16	16	..	..	..	8	115	9	250	2	..	3	1	..	60,274	18	94	3 16 0	3 17 0
Wood's Point Subdivision	140	10	144	..	294	..	..	..	..	..	..	..	220	..	9	9	..	..	..	5	52	..	42	..	..	..	..	..	10,719	33	14	3 16 0	3 17 0
Big River Subdivision	54	8	60	..	122	..	..	..	..	..	..	..	2,026	6	12	12	..	..	..	..	..	..	..	..	..	..	..	..	1,896	18	..	3 10 0	3 11 6
Mitta-mitta Division	94	64	..	..	158	..	..	..	..	..	..	..	400	..	..	..	..	..	..	5	78	2	77	..	..	..	..	..	15,200	9	25	3 16 0	3 18 3
Jamieson Subdivision	80	120	250	..	450	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..		
Totals	2,372	3,185	1,339	32	6,928	44	711	15	..	55	24	51	13,906	14	195	148	..	..	5	65	859	44	1,024	6	1	18	11	..	256,295	271¼	849		
SANDHURST.																																
Sandhurst Division	1,680	640	4,326	24	6,670	19	290	..	..	104	6	27	..	..	9	..	6	163	1	205	3,690	..	1,170	3	..	212	253	1	462,000	22	318	3 18 6	3 18 6
Kilmore Division	40	25	50	..	115	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	47	2	35	..	..	..	..	..	3,500	27	127	3 15 0	3 17 6
Heathcote Division and Waranga South Subdivision	360	50	480	..	890	..	..	..	..	49	4	8	54	..	90	..	..	..	..	16	218	..	129	..	..	10	23	..	20,798	81	202	3 16 9	4 2 0
Waranga North Subdivision	44	60	190	8	302	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11	178	..	89	..	..	6	6	..	17,100	11	106	3 17 3	4 1 2
Totals	2,124	775	5,046	32	7,977	19	290	..	..	153	10	35	54	..	99	..	6	163	1	235	4,133	2	1,423	3	..	228	282	1	503,398	141	753		
MARYBOROUGH.																																
Maryborough Division	1,960	400	840	..	3,200	42	1,468	39	..	178	34	10	6	..	4	2	36	148	4	26	604	..	201	1	..	30	25	..	149,152	5	157	4 0 0	4 2 0
Majorca Subdivision	189	40	4	..	233	10	220	10	..	5	6	..	9	..	6	..	7	..	..	..	..	..	..	..	..	4	10	..	11,590	2½	15	4 0 0	4 1 0
Amherst Division	416	90	54	..	560	7	94	8	..	46	12	22	70	..	70	..	23	..	..	3	54	..	28	..	..	5	..	..	13,420	5	30	3 16 0	4 2 0
Avoca Subdivision	835	1,466	70	..	2,371	8	253	8	..	81	6	19	48	..	10	..	3	..	3	4	53	..	42	1	..	3	7	..	17,598	18¼	185	3 15 0	4 2 6
Dunolly and Tarnagulla Divisions	355	320	412	12	1,099	2	32	..	..	60	16	8	..	..	..	..	15	..	..	42	696	..	265	..	..	30	24	..	64,000	16	71	3 18 6	4 2 4
Korong Division	1,425	570	250	..	2,245	2	20	..	..	22	2	11	..	..	..	..	..	6	..	16	264	..	196	..	..	50	31	..	19,500	17	27	3 12 0	4 0 0
Redbank and St. Arnaud South Subdivisions	239	51	49	..	339	..	..	..	..	12	2	1	8	..	..	..	..	..	..	5	80	..	36	..	..	3	3	..	7,332	11¾	27	3 19 6	4 0 0
St. Arnaud North Subdivision	54	74	189	..	317	..	..	..	..	11	..	..	7	..	..	..	2	..	..	13	266	..	62	..	..	12	18	..	28,303	7	65	3 15 0	4 0 0
Totals	5,473	3,011	1,868	12	10,364	71	2,087	65	..	415	78	71	148	..	90	2	86	154	7	109	2,017	..	830	2	..	132	118	..	310,895	82¼	569		
CASTLEMAINE.																																
Castlemaine Division	460	390	755	..	1,605	3	48	5	..	114	2	..	70	..	16	..	52	..	..	45	732	..	314	..	..	31	48	..	75,756	9¼	103	3 17 6	3 19 0
Fryer's Creek Division	950	868	483	..	2,301	5	88	1	..	77	6	15	306	..	38	2	3	36	..	19	461	..	137	2	1	9	15	..	68,498	28¾	36	3 19 0	3 19 3
Hepburn Division	576	554	907	6	2,043	1	26	1	..	37	4	45	170	..	75	3	..	10	1	36	641	3	237	1	..	63	62	..	42,977	82	88	3 18 6	4 0 0
Taradale and Kyneton Subdivision	66	135	300	..	501	5	139	..	..	9	20	..	8	..	3	..	..	..	..	18	379	..	156	..	..	20	..	..	32,471	22	19	3 17 6	3 18 0
Tarrangower Division	110	227	531	..	868	..	..	..	..	21	..	..	24	..	..	..	18	..	..	37	899	..	222	..	..	47	96	..	65,775	4¼	74	3 18 0	4 0 3
St. Andrew's Division	162	130	140	..	432	..	..	..	..	5	..	..	..	..	..	..	..	..	..	8	106	1	67	..	1	2	..	..	5,791	15	70	3 19 0	4 0 6
Blue Mountain North Subdivision	32	5	19	..	56	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	28	..	8	..	..	..	..	..	1,150	4	4	3 17 0	3 17 6
Totals	2,356	2,309	3,135	6	7,806	14	301	7	..	264	32	60	578	..	132	5	73	46	1	165	3,296	4	1,141	3	2	172	221	..	292,413	165¼	394		
ARARAT.																																
Ararat Division	240	450	12	..	702	4	39	1	..	13	8	12	25	..	12	..	4	14	..	5	86	..	45	..	..	3	..	..	13,081	34	26	3 16 3	3 18 0
Pleasant Creek Division	358	160	1,105	25	1,648	5	90	..	..	1	2	..	25	..	..	..	25	36	..	31	924	..	334	..	..	48	10	..	100,100	27	37	3 10 0	4 2 0
Barkly Division	250	195	..	..	445	..	..	..	..	5	1	..	..	..	..	..	..	..	..	1	10	..	10	..	..	..	..	..	2,330	16	9	4 0 0	4 0 6
Raglan Division	233	110	25	..	368	6	112	..	..	19	9	2	4	..	3	..	..	..	3	1	12	..	8	..	..	..	2	..	7,100	6¼	5	3 17 10	4 0 0
Totals	1,081	915	1,142	25	3,163	15	241	1	..	38	20	14	54	..	15	..	29	50	3	38	1,032	..	397	..	..	51	12	..	122,611	83¼	77		
GIPPSLAND.																																
Omeo Subdivision	65	355	25	..	445	..	..	..	..	..	..	..	875	2	21	21	..	..	..	1	17	2	23	..	..	..	1	..	6,315	10	19	3 10 0	3 19 6
Mitchell River and Boggy Creek Subdivisions	226	210	14	..	450	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	17	..	17	..	..	1	..	..	2,000	23	18	3 5 0	3 19 0
Crooked River Division	132	89	91	..	312	..	..	..	..	..	..	..	168	..	28	14	..	..	..	9	137	7	126	..	..	..	..	..	32,237	49½	348	3 15 0	3 19 3
Jericho Division	98	85	90	..	273	..	..	..	..	..	..	..	150	..	20	20	..	..	..	5	70	..	58	..	..	..	..	..	18,672	26	30	3 10 0	3 17 0
Donnelly's Creek Division	50	1	56	..	107	..	..	..	..	..	..	..	25	..	..	..	..	..	..	4	58	1	51	..	..	..	..	..	10,000	6½	17	3 10 0	3 18 0
Stringer's Creek Division	71	..	609	..	680	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	424	1	157	1	..	1	..	..	72,042	8	15	3 16 0	3 16 0
Russell's Creek Division	180	2	28	..	210	..	..	..	..	6	..	1	150	..	10	5	..	..	..	18	20	2	16	..	..	2	..	..	2,800	4	14	3 0 0	3 16 0
Bendoc Subdivision	38	..	35	..	73	..	..	..	..	..	..	..	35	..	..	5	..	..	..	2	46	2	40	..	..	1	..	..	4,820	26	14	3 10 0	3 16 0
Tarwin Subdivision	370	..	20	..	390	2	20	1	..	14	9	2	68	..	..	..	..	..	..	1	10	..	4	..	..	1	..	..	1,977	3	4	3 16 0	3 18 0
Traralgon Subdivision	29	..	..	..	29	..	..	..	..	..	..	..	6	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	40	2	1	3 15 0	3 18 0
Totals	1,259	742	968	..	2,969	2	20	1	..	20	9	3	1,477	2	79	65	..	..	1	46	799	15	492	1	..	6	1	..	150,903	158	480		
GRAND TOTALS	20,409	13,413	16,658	115	50,595	362	9,579	302	11	1,151	249	259	17,752	17	651	225	201	432	27	789	15,521	77	6,501	43	5	669	658	3	2,131,188	1,050½	3,324		

Office of Mines, Melbourne, 19th January 1874.

R. BROUGH SMYTH,
Secretary for Mines.

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 December 1873.)

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.	Dip of the Shoot of Quartz.	Strike of the Reef.	NAME OF COMPANY.	NAME OF REEF.	Depth of Shaft.	Depth of the deepest Level.	Depth of the deepest Cross-cut.	REMARKS.
			Feet.	Tons.	oz. dwt. gr.	Ft. in.						Feet.	Feet.	Feet.	
BALLARAT.															
Central Division	Don Extended	Danish	40 to 220	829	0 7 11	5 0	W. 25°	N. 22°	N. 6° W.	Don Extended	Danish	221	175	175	
Southern Division	Hopewell	Staffordshire	120	655	0 3 2	7 0	W. 80°	..	N. 15° W.	Hopewell / Speedwell	Staffordshire / Staffordshire	370 / 220	250 / 200	250 / 200	
Buninyong Division	New Homeward-bound	Homeward-bound	400	1,297	0 2 14	5 6	..	..	..	New Homeward-bound	Homeward-bound	456	450	450	This is the deepest quartz mine in the Buninyong division, and has only lately been opened out at this level.
Smythesdale Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Creswick Division	Port Phillip / New North Clunes	Clunes / Clunes	100 to 690 / 220 to 1000	14,617 / 12,657	*0 4 17 / *0 7 17	2 to 30 0 / 2 to 40 0	(2) W. 30° (2) E. 30° / W. 15°	.. / N.	N. 8° E. / N. 5° E.	Port Phillip / New North Clunes / Clunes Consols	Clunes / Clunes / Clunes	806 / 1,012 / 990	790 / 1,005 / 962	790 / 1,005 / 962	* Including gold from pyrites.
Gordon Subdivision	..	..	..	..	..	..	..	..	..	Black-horse	Big Hill	830	826	826	
Steiglitz Subdivision	Albion	Portuguese	573	327	0 10 21	1 6	E. 15°	..	N.	Albion	Portuguese	875	865	865	
Blackwood Division and Blue Mountain South Subdivision	Sultan	Mounters' and Intermediate	100 to 400	1,969	1 13 4	1 0	..	..	N. 11° W.	Sultan	Mounters' and Intermediate	513	400	500	Shaft recently stopped sinking for the purpose of putting in crosscuts at 500 ft. level.
Ballan Subdivision	Ashton's	Ashton's	100	100	0 13 0	1 0	W. 20°	..	N.	..	..	..	..	..	
BEECHWORTH.															
Beechworth Division	Homeward-bound	Homeward-bound	430	250	*2 7 8	2 6	W.	..	N.	Henderson and Co.	Excelsior	310	..	310	* This reef has been left for a number of years as not being payable, but as soon as the present owners occupied it they found good stone.
Yackandandah Division	..	..	..	..	..	..	..	..	..	Bigelow	Homeward-bound	340	330	..	
Indigo Division	Tompkins and Co.	Happy-go-Lucky	100	54	0 17 18	1 10	W. 87°	S.E. 46°	N. 12° W.	Magenta	Magenta	320	220	220	
Buckland Division	Osborne and Co.	Champion	250	21	1 7 14	..	..	..	..	..	..	..	..	..	
Alexandra Subdivision	Albion	Albion	140	42	1 12 10	1 3	S.W. 70°	N.W.	N. 49° W.	Albion	Albion	140	140	140	
Dry Creek Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Benalla Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Gaffney's Creek Subdivision	Aladdin	Aladdin	200	2	4 1 0	3 0	S.W. 75°	..	N. 35° W.	Royal	Wallaby	175	175	..	
Wood's Point Subdivision	Hope / No. 1 & 2 North Amalgamated	Morning Star / Morning Star	300 / 310	200 / 300	0 18 20 / 0 15 4	1 to 2 6 / 3 6	E. 15° / E. 20°	N.W. 50° / N.W. 50°	N.W. 50°* / N.W. 50°*	..	..	..	..	..	* Same vein at different points of dyke.
Big River Subdivision	Londonderry / Luck's-all	Railway / Luck's-all	300 / 300	400 / 300	0 5 9 / 0 6 0	2 0 / 3 6	90° / SE. 85°	.. / ..	N. 35° W. / N. 45° W.	Perseverance	Surprise	80	80	80	
Mitta-mitta Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Jamieson Subdivision	Gleeson's	Sailor Bill's	380	640	0 11 1	1 0	E.	..	N. 27° W.	..	..	..	..	..	
SANDHURST.															
Sandhurst Division	Hustler's Reef / Victoria Quartz	Hustler's / Victoria	665 / 600	602 / 687	1 6 16 / 2 6 21	1 0 / 4 0	.. / ..	.. / ..	N. 40° W.	Great Hustler's	Hustler's	840	830	830	Plenty of good-looking stone at this depth.
Kilmore Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Heathcote Division and Waranga South Subdivision	Costerfield	Costerfield	230 to 430	276	0 3 22	1 6	E. 60°	..	N. 20° W.	Costerfield	Costerfield	620	520	420	
Waranga North Subdivision	Nichol and Co.	Stockyard	100	15	0 10 4	..	..	..	..	..	..	..	..	..	
MARYBOROUGH.															
Maryborough Division	Bristol Hill	Bristol Hill	300	720	0 4 7	..	..	..	..	Mariner's	Mariner's	637	528	630	
Majorca Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Amherst Division	Croydon	Laura	150	400	0 4 18	30 0	W. 70°	..	N. 11° W.	Croydon	Laura	220	200	200	
Avoca Subdivision	Vulture	Vulture	160	27	0 17 6	..	..	..	..	..	..	..	..	..	
Dunolly and Tarnagulla Divisions	Queen's Birthday	Bealiba	335	1,275	0 4 2	..	..	..	..	Queen's Birthday	Bealiba	407	335	335	
Korong Division	British Sovereign / Prince of Wales / Fones Quartz	Prince of Wales / German / Fones	232 to 310	1,124	0 2 2	7 0	..	..	..	..	..	..	..	..	
				120	400	0 13 15	4 0	..	..	..	..	..	..	..	..
			300 to 375	1,080	0 14 13	3 6	..	..	..	..	..	..	..	..	
Redbank and St. Arnaud South Subdivisions	New Isis	Oxonian	400	300	0 8 9	2 0	W. 45°	S.	N.W.	New Isis	Oxonian	450	450	160	
St. Arnaud North Subdivision	Wilson's Hill	Wilson's Hill	300	550	0 19 3	4 to 5 0	W.	S.	N. 42° W.	Chrysolite / Wilson's Hill / Rising Star	Ballarat / Wilson's Hill / Rising Star	480 / 380 / 470	380 / 300 / 470	344 / 300 / 470	
CASTLEMAINE.															
Castlemaine Division	Caledonia Tribute / Dyason and Co. / Walker and Co.	Caledonia / Nuggety / Wattle Gully	212 / 116 / 245	666 / 98 / 55	0 8 14 / 2 5 21 / 1 16 4	2 to 4 0 / †3 3 / 2 4	W. 60° / .. / E. 66°	... / .. / ..	N. 15° W. / .. / N. 4° W.	Ajax / Caledonia Tribute	Bolivia / Caledonia	*400 / 212	400 / 212	400 / 212	* About to sink to 500 ft. † Leaders, not defined.
Fryer's Creek Division	Rowe Bros. / Fryers / Perseverance	Cattle's / Ferron's / Cattle's	160 / 230 / 100	1,113 / 400 / 300	0 10 0 / 1 2 14 / 0 9 20	80 0 / 4 0 / 6 0	E. 36° / W. 45° / E. 36°	.. / .. / ..	N. 14° W. / N. 10° W. / N. 14° W.	Rowe Bros. / Black Hawk / Fryers	Cattle's / Ferron's / Ferron's	175 / 173 / 365	165 / 170 / 300	165 / 170 / 300	
Hepburn Division	Cornish / Gladstone	Cornish / Sailors' Creek	170 to 380	5,850 / 371	0 7 17 / 0 11 12	6 0 / 1 6	S.W. 25° / S. 33°	S. 20° / W. 45°	N. 18° W. / N. 16° W.	Cornish / Argus	Cornish / Cornish	468 / 570	460 / ..	460 / ..	
Taradale and Kyneton Subdivision	..	..	..	..	..	..	..	..	..	Energetic	..	485	..	..	
Tarrangower Division	Maldon United / Central / Eaglehawk Union	Linscott's / Eaglehawk / Eaglehawk	450 / 520	240 / 43	0 14 8 / 1 1 7	5 0 / 4 6	E. 76° / E. 79°	N. 19° S. 25°	N. 4° W. / N. 10° W.	Central / South Eaglehawk	Eaglehawk / Eaglehawk	520 / 490	510 / 440	.. / 440	Sinking and stoping carried on together. In this crosscut the reef was struck 64 ft. west of the shaft underlying west.
			550	2,108	0 12 22	5 0	E. 79°	S. 25°	N. 10° W.						
St. Andrew's Division	Union	Union	250	650	1 1 10	1 0	E. 45°	..	N. 11° W.	Union	Union	315	300	250	
Blue Mountain North Subdivision	..	..	..	..	..	..	..	..	..	Cora Lynn	Alma	185	185	185	Gold-bearing quartz is now being raised from the 185-foot level.
ARARAT.															
Ararat Division	Bourke and Co.	Bourke's	20	20	0 16 6	*0 7	E. 10°	S. 18°	N. 26° W.	Sir George Bowen / Rhymney	Cambrian / Rhymney	137 / 240	130 / 240	.. / 180	* This is a "flat reef," varying in thickness from a mere band to upwards of 18 inches.
Pleasant Creek Division	Crown Cross Reef United / Oriental	Cross Flat / Cross Flat	802 / 640	1,143 / 3,067	2 11 1 / 1 8 2	4 0 / ..	.. / ..	.. / ..	... / ...	Magdala / Newington & Pleasant Creek / South Scotchman's / Extended Cross Reef / Crown Cross Reef United	Cross Flat / Cross and Newchum / Scotchman's / Cross / Cross Flat	1,305 / 1,148 / 1,051 / 890 / 830	800 / 660 / 500 / 800 / 810	800 / 660 / 500 / 640 / 810	Still sinking. Still sinking. Still sinking.
Barkly Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Raglan Division	Richmond Quartz Mining	Richmond	46	120	0 11 16	1 0	..	..	..	Richmond / Rip and Tear	Richmond / Rip and Tear	290 / 250	.. / 250	.. / 250	They purpose sinking 20 feet more and then to open out.
GIPPSLAND.															
Omeo Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mitchell River and Boggy Creek Subdivisions	Son of Freedom	Son of Freedom	60 to 100	218	0 14 14	..	..	..	..	..	..	..	..	..	
Crooked River Division	Good Hope	Mitchell	164	160	0 12 13	0 11	W. 80°	N.W.	N.W.	Good Hope / Beveridge	Good Hope / Hopeful	700 / 200	500 / 200	700 / 200	
Jericho Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Donnelly's Creek Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Stringer's Creek Division	Walhalla / North Gippsland / Long Tunnel	Cohen's / Cohen's / Cohen's	85 to 135 / 172 to 254 / 243 to 323	2,546 / 1,715 / 4,279	1 1 9 / 0 9 6 / 2 1 7	5 0 / 10 0 / 15 0	W. 80° / W. 70° / W. 80°	N. 32° / N. 32° / N. 32°	N. 19° W. / N. 19° W. / N. 19° W.	Long Tunnel / Walhalla / North Gippsland	Cohen's / Cohen's / Cohen's	503 / 255 / 209	423 / 185 / 254	423 / 185 / 254	
Russell's Creek Division	United Co-operative	Columbia	150	71	0 17 0	0 8	W. 30°	N. 45°	N.	..	..	..	..	..	
Bendoc Subdivision	Rising Sun / Albert	Rising Sun / Albert	160 / 20 to 56	50 / 7	0 3 4 / 14 0 0	2 to 2 6 / 1 to 2 0	W. / W.	.. / ..	N. / N.	Lucky Hit	Lucky Hit	75	75	70	
Tarwin Subdivision	Ophir	Ophir	130	11	1 11 0	..	..	..	..	..	..	..	..	..	
Traralgon Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

Office of Mines, Melbourne, 19th January 1874.
No. 4.

R. BROUGH SMYTH,
Secretary for Mines.

ESTIMATED YIELD OF GOLD AND QUANTITY OF GOLD EXPORTED.

FROM information obtained from Gold Buyers and others by the Mining Surveyors and Mining Registrars 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 December 1873	124,474	8	173,102	7	297,576	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 December 1873	267,579	6

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 December 1873.

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.
12,252·32	45,556·32	76,277·91	684·645

Royal Mint,
Melbourne, 5th January 1874.

E. W. WARD.

STATEMENT of VICTORIAN GOLD received at the Melbourne Branch of the ROYAL MINT during the Quarter ended 31st December 1873.

Gross Weight of Rough Gold.	Gross Weight of Gold Bullion.
oz.	oz.
10,819·20	17,175·87

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

Royal Mint,
Melbourne, 5th January 1874.

E. W. WARD.

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.
Quartz.	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.
Ballarat	74,884 0 0	0 6 3·75	23,051 7 7
Beechworth	25,990 0 0	0 10 21·49	14,158 19 21
Sandhurst	70,935 0 0	0 14 2·63	50,044 0 3
Maryborough	12,825 0 0	0 9 23·81	6,407 10 18
Castlemaine	37,860 12 0	0 8 23·30	16,982 2 16
Ararat	18,719 0 0	0 16 7·89	15,282 19 22
Gippsland	9,757 10 0	1 7 6·22	13,299 2 11
Totals	250,971 2 0	0 11 2·28	139,226 3 2
Quartz Tailings and Mullock.			
Ballarat	...	...	...
Beechworth	626 0 0	0 1 9·85	44 3 0
Sandhurst	459 0 0	0 6 22·22	158 19 0
Maryborough	2,208 0 0	0 3 7·84	367 5 15
Castlemaine	8,239 0 0	0 2 10·72	1,008 0 12
Ararat	...	...	...
Gippsland	...	...	...
Totals	11,532 0 0	0 2 17·69	1,578 8 3
Pyrites and Blanketings operated on.			
Ballarat	338 10 0	2 6 11·27	786 10 12
Beechworth	118 3 0	2 9 9·07	291 14 0
Sandhurst	718 10 0	2 4 8·77	1,593 16 14
Maryborough	98 10 0	1 3 9·12	115 2 22
Castlemaine	124 0 0	2 11 16·35	320 8 12
Ararat	...	...	...
Gippsland	58 0 0	2 2 5·37	122 9 0
Totals	1,455 13 0	2 4 9·11	3,230 1 12

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.

R. BROUGH SMYTH,
Secretary for Mines.

Office of Mines,
Melbourne, 19th January 1874.

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.					
Temperance	Little Bendigo ...	1,350 0 0	0 9 23·15	672 12 6	450 to 750 feet
Tunnel	Little Bendigo ...	50 0 0	0 5 0	12 10 0	80 feet
Red, White, and Blue ...	Little Bendigo ...	1,417 0 0	0 4 16·54	332 4 18	40 feet
Jarvie and Co.	Black Hill Ranges ...	446 0 0	0 2 0	44 12 0	60 feet
Welcome	Dead-horse Ranges ...	312 0 0	0 4 8·23	67 15 0	120 to 160 feet
Black Hill South ...	Ballarat East	48 0 0	1 13 8	80 0 0	160 feet
Black Hill	Black Hill	899 0 0	0 11 17·20	526 13 8	270 to 320 feet
Britannia	Specimen Gully ...	670 0 0	0 6 12·65	218 13 7	130 feet
Endeavor	Specimen Gully ...	800 0 0	0 2 15·21	105 7 6	230 feet
Llanberris	Gum-tree Flat ...	6,429 0 0	0 1 19·04	576 10 16	200 to 300 feet
Queen Victoria	Canadian	5,363 0 0	0 1 18·25	472 2 10	160 to 260 feet
Sovereign	Golden Point	4,360 0 0	0 2 7·57	504 15 18	500 to 700 feet
Two-ton	Black Hill	180 0 0	0 7 12	67 10 0	80 feet
Don	Gum-tree Flat ...	393 0 0	0 3 23·26	78 0 0	170 feet
Dimmock's Reef	Little Bendigo ...	200 0 0	0 4 0	40 0 0	25 feet
Pioneer	White-horse Ranges ...	300 0 0	0 3 0	45 0 0	300 feet
Parade	Ballarat East	430 0 0	0 8 23·42	192 19 18	120 feet
The Duchess	Ballarat East	688 0 0	0 9 1·12	311 4 9	140 feet
Don Extended	Ballarat East	829 0 0	0 7 11·49	310 0 0	90 to 220 feet
Middling and party ...	Canadian	55 0 0	0 14 0	38 10 0	40 feet
Gregory Co.	Canadian	70 0 0	1 5 0	87 10 0	50 feet
Norman	Little Bendigo ...	50 0 0	0 4 0	10 0 0	60 feet
Llanberris (various parcels crushed on hire)	... ...	2,299 0 0	0 3 12	402 6 12	
Jupiter	Caledonian	360 0 0	0 4 10·66	80 0 0	150 feet
	Totals	27,998 0 0	0 3 18·46	5,276 17 8	
SOUTHERN DIVISION.					
Hopewell	Staffordshire Reef ...	655 0 0	0 3 2	100 19 14	120 feet
Speedwell	Staffordshire Reef ...	1,429 0 0	0 2 10	172 13 10	110 to 130 feet
	Totals	2,084 0 0	0 2 15·02	273 13 0	
BUNINYONG DIVISION.					
Tower Hill	Tower Hill Reef, Magpie	600 0 0	0 2 12	75 0 0	175 to 240 feet. No regular reef; veins and blocks
Imperial	Hiscock's Reef ...	2,095 0 0	0 2 15·47	277 1 0	200 to 300 feet
New Homeward-bound ...	Homeward-bound Reef ...	1,297 0 0	0 2 14·19	168 1 0	400 feet
	Totals	3,992 0 0	0 2 14·53	520 2 0	
CRESWICK DIVISION.					
Port Phillip	Clunes Reefs	14,617 0 0	0 4 9·41	3,210 0 0	100 to 690 feet
New North Clunes ...	Clunes Reefs	12,657 0 0	0 7 0·67	4,447 16 0	220 to 1,000 feet
South Clunes	Clunes Reefs	340 0 0	0 1 12·70	26 0 0	Surface to 246 feet
	Totals	27,614 0 0	0 5 13·56	7,683 16 0	
GORDON SUBDIVISION.					
Parker's Extended ...	Gordon	1,340 0 0	0 3 5·49	216 7 0	100 to 70 feet
Black-horse	Egerton	1,000 0 0	0 3 20·86	193 9 0	560 to 660 feet
North Parker's	Gordon	500 0 0	0 3 0·96	76 0 0	60 feet
	Totals	2,840 0 0	0 3 10·10	485 16 0	
STEIGLITZ SUBDIVISION.					
Albion	Portuguese Reef ...	327 0 0	0 10 21·28	178 0 0	
New Albion	Portuguese Reef ...	177 0 0	0 8 19·52	78 0 0	
Native Youth	A 1 Reef	200 0 0	1 2 7·44	223 2 0	
Dividend Tribute ...	Tam-o-'Shanter Reef ...	54 0 0	0 17 2·22	46 3 0	
Hodges and Co.	Copenhagen Reef ...	12 0 0	2 11 16	31 0 0	
Minerva	Elaine	436 0 0	4 16 10·07	2,101 19 0	
London and Edinburgh ...	Mount Doran	58 0 0	0 18 14·89	54 0 0	
Shamrock	Elaine	87 0 0	0 19 12·96	85 0 0	
Golden Gate	Elaine	45 0 0	0 16 10·66	37 0 0	
Harp of Erin	Elaine	4 0 0	0 10 0	2 0 0	
Lindsay	Elaine	576 0 0	1 2 11·16	647 0 0	
Forest Queen	Little Forest	47 0 0	0 5 5·36	12 5 12	
	Totals	2,023 0 0	1 14 13·27	3,495 9 12	

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.
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Sultan	Barry's Reef	1,969 0 0	1 13 4·50	3,267 6 0	100 to 400 feet
Sultana Tributers ...	Barry's Reef	363 0 0	0 6 13·69	119 5 0	70 feet
British Lion	Barry's Reef	440 0 0	0 2 7·55	50 18 12	250 feet
Cornish	Simmons' Reef ...	400 0 0	1 4 7·44	486 4 1	250 feet
Kent	Simmons' Reef ...	164 0 0	0 2 10·45	19 19 10	300 feet
Big Hill	Simmons' Reef ...	1,500 0 0	0 1 20·96	140 10 0	100 feet
Imperial	Simmons' Reef ...	450 0 0	0 0 16·45	15 8 12	60 to 70 feet
Mounter Bros.	Barry's Reef	109 0 0	2 19 19·16	325 18 0	130 feet
Victoria	Yankee Reef	217 0 0	1 0 2·98	217 7 0	Surface to 40 feet
Undaunted	Blakeville	580 0 0	0 7 5·79	210 0 0	100 to 150 feet
Great Tunnel	Johnston's Reef ...	840 0 0	0 4 16	196 0 0	240 feet
Morning Star	Bald Hill	250 0 0	0 4 20·54	60 14 0	70 feet
North Britain	Wright's Reef ...	494 0 0	0 3 18·85	93 10 0	20 to 60 feet
Red, White, and Blue ...	Wright's Reef ...	427 0 0	0 2 23·89	63 19 0	50 feet
All Nations	Manheim Reef ...	130 0 0	0 7 11·81	48 14 0	50 feet
	Totals... ...	8,333 0 0	0 12 18·19	5,315 13 11	

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.					
Kingston	Hurdle Flat	150 0 0	0 6 20·32	51 7 0	70 feet
Wallaby	Hurdle Flat	85 0 0	1 10 0	127 10 0	Surface
Rechabite	Hurdle Flat	16 0 0	3 6 12	53 4 0	70 feet
Welcome	Hurdle Flat	5 0 0	0 16 14·40	4 3 0	30 feet
Ralston and Co.	Six-mile Range ...	36 0 0	0 2 0	3 12 0	Surface
Dunn and Co.	Six-mile Range ...	10 0 0	0 2 0	1 0 0	Surface
Simson's Reef	Six-mile Range ...	15 0 0	0 7 0	5 5 0	50 feet
Magpie Reef	Basin Creek	21 0 0	0 7 0	7 7 0	130 feet
Wallace and Co. ...	Three-mile Creek ...	18 0 0	0 10 0	9 0 0	45 feet
Waterloo Reef	Barwidgee	200 0 0	0 4 3	41 5 0	110 feet
Reform Reef	Myrtleford	117 0 0	0 8 0	46 16 0	160 feet
Nil Desperandum Reef ...	Myrtleford	112 0 0	1 9 0	162 8 0	Surface
No. 1 Prince of Wales ...	Myrtleford	14 0 0	0 18 12	12 19 0	50 feet
Watkins and Co.... ...	Stony Creek ...	47 0 0	0 5 12·30	12 19 0	Surface
Thistle and Rose Reef ...	Stony Creek ...	26 0 0	1 13 10·15	43 9 0	Surface
Homeward-bound ...	Rocky Point	250 0 0	2 7 8·64	592 0 0	430 feet
	Totals	1,122 0 0	1 0 22·33	1,174 4 0	
YACKANDANDAH DIVISION.					
Hit-or-Miss	Hit-or-Miss Reef ...	79 10 0	0 6 20·34	27 4 9	Near surface
Shamrock	Shamrock Reef ...	32 0 0	0 8 1·50	12 18 0	Near surface
	Flying Dutchman Reef...	22 0 0	0 3 19·63	4 4 0	Near surface
	Totals	133 10 0	0 6 15·34	44 6 9	
INDIGO DIVISION.					
Magenta	Magenta Reef... ...	640 0 0	0 3 0	96 0 0	Chiefly from 5 to 20 feet
Tomkins and Co. ...	Happy-go-Lucky ...	54 0 0	0 17 18·66	48 0 0	100 feet
Roughead and Co. ...	Banner's Reef ...	30 0 0	0 8 20	13 5 0	60 to 80 feet
Various companies ...	Various reefs	67 0 0	0 6 8·59	21 6 0	Surface to 80 feet
T. Place	Good Hope Reef ...	100 0 0	1 0 0	100 0 0	50 to 70 feet
Girond and Co.	Good Hope Reef ...	20 0 0	2 9 0	49 0 0	Surface to 60 feet
Moore and Co.	R. Burns' Reef ...	120 0 0	1 15 16	214 0 0	40 to 50 feet
Symonds and Co. ...	R. Burns' Reef ...	20 0 0	0 16 0	16 0 0	40 to 60 feet
O'Brien and Co. ...	O'Brien's Reef ...	14 0 0	1 12 20·57	23 0 0	20 to 40 feet
Various companies ...	Various reefs	39 0 0	0 13 8	26 0 0	Surface to 50 feet
Various companies ...	Rutherglen Reefs ...	200 0 0	0 14 1·59	140 13 6	Surface to 100 feet
	Totals	1,304 0 0	0 11 11·04	747 4 6	
BUCKLAND DIVISION.	*Harrietville.*				
D. Bird and Co.	Windermere Reef ...	44 0 0	0 11 8·72	25 0 0	30 feet
W. Grimsley and Co. ...	Nuggety Reef ...	26 0 0	1 0 0	26 0 0	48 feet
Law, Hanna, and Co. ...	United Miners' Reef ...	2,400 0 0	0 2 12	300 0 0	400 feet
John Sharp and Co. ...	Castle Hill	26 0 0	0 3 1·84	4 0 0	30 feet
Robins and Co. (tribute) ...	Johnson's Reef ...	90 0 0	0 9 13·33	43 0 0	140 feet
Hyndes and Co.	Wallaby Reef	10 0 0	0 14 0	7 0 0	10 feet
Johnson, Morgan, and Co....	Southern Cross Reef ...	980 0 0	0 5 2·44	250 0 0	150 feet
Page and Co.	Unity Reef	43 0 0	1 9 7·25	63 0 0	60 feet
Osborne and Co. ...	Champion Reef ...	21 0 0	1 7 14·85	29 0 0	250 feet
Owen and Co.	Flower of the Forest Reef	8 0 0	4 0 0	32 0 0	10 to 30 feet
	Ovens River.				
Osborne and Co.... ...	Homeward-bound Reef...	900 0 0	0 4 13·86	206 0 0	200 feet
H. R. Brown (tribute) ...	Harp of Erin Reef ...	80 0 0	0 6 0	24 0 0	150 feet

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.
BUCKLAND DIVISION—*continued.*	*Buckland.*	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
J. N. Wallace	Miner's Right Reef ...	100 0 0	1 3 0	115 0 0	140 feet
J. Monaghan	Ireland Reef	18 0 0	2 0 0	36 0 0	40 feet
McDonald and Co. ...	Unicorn Reef	30 0 0	1 5 8	38 0 0	82 feet
Houman and Co.... ...	Lady Darling Reef ...	76 0 0	0 13 10·10	51 0 0	70 feet
Hunnington and O'Connell	Harp of Erin Reef ...	194 0 0	2 14 5·44	526 0 0	45 feet
Keane and Co.	Alma Reef	26 0 0	1 1 1·84	27 8 0	25 feet
Thorp and Co.	Perseverance Reef ...	12 0 0	2 5 16	27 8 0	15 feet
D. Murdoch	No name	21 0 0	0 17 3·42	18 0 0	32 feet
Allen and Co.	Hope Reef	11 0 0	0 10 0	5 10 0	26 feet
Scott and Co.	... ...	6 0 0	0 10 0	3 0 0	12 feet
	Running Creek.				
Happy Valley	H. Valley and Christmas Reef	2,048 0 0	0 11 16·78	1,198 0 0	104 to 500 feet
G. R. Greene	Canadian Reef ...	49 0 0	1 12 15·67	80 0 0	Not stated
Curthew and Co. ...	North H. Valley Reef ...	30 0 0	0 17 8	26 0 0	Not stated
Mueller and Co.	Berlin Reef	30 0 0	3 7 8	101 0 0	Not stated
	Growler's and Morse's Creeks.				
Nicholls, Halvey, and Co. ...	Gunnies Lake Reef ...	32 0 0	7 12 12	12 0 0	50 feet
Hearn and Muleman ...	Salsbury Reef ...	93 0 0	0 13 13·16	63 0 0	40 feet
Taylor and Co.	... ...	4 0 0	1 0 0	4 0 0	40 feet
Hazelton and Duncan ...	Queen of the South Reef	430 0 0	0 15 8·37	330 0 0	80 feet
Cornish United	Sanden and Alpine Reef	1,908 0 0	0 5 2·76	488 0 0	60 and 115 feet
McGill, Fletcher, and Whittaker	Hillsborough Reef ...	1,200 0 0	1 1 4	1,270 0 0	50 to 100 feet
Hood and Coutts ...	Try Again Reef ...	335 0 0	1 0 18·62	348 0 0	Surface to 100 feet
Gill and Co.	Home Reef	900 0 0	0 2 20·26	128 0 0	130 feet
James, Brown, and Green...	London Reef	396 0 0	3 13 3·15	1,448 0 0	Surface to 50 feet
S. Albalance	Peabody Reef ...	75 0 0	0 18 0	67 10 0	175 feet
Associated Claims ...	Prince Arthur Reef ...	294 0 0	0 5 23·51	87 18 0	210 feet
	Totals	12,946 0 0	0 11 14·36	7,507 14 0	
ALEXANDRA SUBDIVISION.					
Leviathan Tribute ...	Lucky Reef	46 0 0	0 2 8·35	5 8 0	160 feet
Hook and Co.	Lily Reef	17 10 0	1 11 4·80	27 6 0	80 feet
Crœsus Amalgamated ...	Lily Reef	24 0 0	0 17 19	21 7 0	220 feet
Bradford and Co. ...	Hayfield	4 0 0	0 2 13·50	0 10 6	Surface
Bonner and Co.	Kilgobbin Reef ...	6 0 0	0 9 8	2 16 0	Surface
Husband and Co. ...	Horseshoe Reef ...	8 0 0	0 9 15	3 17 0	30 feet
Prospecting	Outward-bound Reef ...	57 0 0	2 2 19·37	122 0 0	50 feet
Ryan and party	Outward-bound Reef ...	41 10 0	1 0 2·89	41 15 0	40 feet
Johnson and party ...	Maindample	6 0 0	6 6 16	38 0 0	150 feet
J. Jones and party ...	Poverty Reef	13 0 0	0 19 13·84	12 14 12	50 feet
Waters and party ...	Woolshed Creek Reef ...	6 0 0	1 9 2	8 14 12	30 feet
Menoni and party ...	Durham Reef	24 0 0	1 5 2	30 2 0	60 feet
Britannia	Britannia Reef	36 0 0	0 12 10·33	22 7 12	150 feet
Albion	Albion Reef	42 0 0	1 12 10·85	68 3 0	140 feet
Paggannetti and Co. ...	Durham Reef... ...	2 0 0	0 19 0	1 18 0	Surface
Erskine and party ...	Stranger's Reef ...	5 0 0	0 2 20·40	0 14 6	20 feet
Ferguson and party ...	... ...	5 0 0	0 5 1·20	1 5 6	
Mysterious Tribute ...	Mysterious Reef ...	200 0 0	0 6 0	60 0 0	20 to 80 feet
	Totals	543 0 0	0 17 6·51	468 18 6	
GAFFNEY'S CREEK SUBDIVISION.					
A 1	Castle Reef	100 0 0	0 7 12·24	37 11 0	About 125 feet
Great Eastern	Homeward-bound Reef...	300 0 0	0 3 1·96	46 4 12	About 150 feet
Gaffney's Creek	Homeward-bound Reef...	900 0 0	0 2 1·67	93 2 18	About 175 feet
The Victoria	Homeward-bound Reef...	800 0 0	0 2 1·30	82 3 12	200 feet
Undoubted claimholders ...	Homeward-bound Reef...	80 0 0	0 2 3·65	8 12 4	100 feet
Wallaby	Wallaby Reef ...	400 0 0	0 2 2·70	42 5 0	90 feet
Aladdin	Aladdin Reef	2 0 0	4 1 0	8 2 0	About 200 feet
	Totals	2,582 0 0	0 2 11·12	318 0 22	
WOOD'S POINT SUBDIVISION.					
Hope	Morning Star Reef ...	1,930 0 0	0 15 10·57	1,490 0 0	About 300 feet
No. 1 and 2 North Amalgamated	Morning Star Reef ...	340 0 0	0 14 9·53	244 15 0	About 300 feet
Franklin	Franklin Reef ...	100 0 0	0 8 4·80	41 0 0	About 250 feet
Leviathan	Leviathan Reef ...	18 0 0	0 3 0	2 14 0	About 180 feet
Alliance	Franklin Reef ...	40 0 0	0 9 16·20	19 7 0	About 230 feet
Oriental	Oriental Reef ...	20 0 0	0 3 16·80	3 14 0	About 200 feet
All Nations	All Nations Reef ...	380 0 0	0 4 5·68	80 10 0	About 350 feet
Prince of Wales	All Nations Reef ...	600 0 0	0 3 7·60	99 10 0	About 200 feet
Telegraph	Waverley Reef ...	500 0 0	0 4 15·50	116 3 0	About 100 feet
	Totals	3,928 0 0	0 10 16·33	2,097 18 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.	
BIG RIVER SUBDIVISION.					
Londonderry (Tributers) ...	Railway Reef ...	1,000 0 0	0 4 4·80	210 0 0	300 feet
Luck's-all (Tributers) ...	Warner's Reef ...	500 0 0	0 6 18·24	169 0 0	275 feet
	Totals	1,500 0 0	0 5 1·28	379 0 0	
JAMIESON SUBDIVISION.					
Venture	Mack's Creek ...	1,200 0 0	0 17 4·26	1,030 13 0	120 feet
Gleeson's	Sailor Bill's Creek ...	640 0 0	0 11 1·32	353 15 6	380 feet
Poverty	Wildfellow's Creek ...	45 0 0	0 6 2·66	13 15 0	50 feet
Lyre Bird	Camp Creek	19 10 0	0 11 23·79	11 13 20	Surface
Just in Time	Sailor Bill's Creek ...	27 0 0	0 9 2·66	12 6 0	100 feet
	Totals	1,931 10 0	0 14 17·42	1,422 3 2	

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.					
Alliance	Golden Square ...	1,551 0 0	0 6 18·42	524 16 18	
Shenandoah	Golden Square ...	976 0 0	0 4 19·20	234 5 0	
Golden Fleece	Stafford Reef	4,792 0 0	0 13 20·69	3,321 8 0	
Koch's Pioneer	Long Gully	10,345 0 0	0 17 10·82	9,026 9 9	
Great Hustler's	Hustler's Reef ...	1,698 0 0	0 7 2·47	603 1 0	
Hustler's Reef	Hustler's Reef ...	2,341 0 0	0 12 23·48	1,519 3 0	
Victoria Consols	Victoria Reef ...	4,892 0 0	0 7 2·35	1,736 5 0	
Victoria Reef	Victoria Reef ...	2,603 0 0	0 8 12·90	1,111 4 0	
Metropolitan	Golden Square ...	4,418 0 0	0 15 8·27	3,389 13 0	
Johnson's Reef	California Gully ...	2,925 0 0	0 8 19·39	1,288 4 0	
Beehive	Eaglehawk	1,950 0 0	0 7 20·24	764 14 12	
Louisa	Devonshire Gully ...	3,793 0 0	0 10 23·31	2,080 14 20	
Catherine Reef United ...	Catherine Reef ...	2,069 0 0	0 10 20·44	1,122 12 7	
W. Rae	Happy Valley ...	2,725 0 0	0 12 6·03	1,669 5 0	
Fortuna Works	New-chum Gully ...	2,291 0 0	4 0 11·94	9,221 0 0	
Bendigo and Melbourne ...	Kangaroo Flat ...	2,780 0 0	0 7 2·60	988 0 0	
South Fraser's	Golden Square ...	583 0 0	0 9 2·43	265 6 6	
Abe Lincoln	New-chum Gully ...	3,000 0 0	0 12 0	1,800 0 0	
New Nelson	Nelson Reef	3,240 0 0	0 12 12·05	2,025 8 0	
Shellback	Shellback Reef ...	1,432 0 0	0 6 22·07	495 9 0	
Roberts Bros.	Specimen Hill ...	276 0 0	0 6 21·04	94 18 0	
Old Tom	Whipstick	655 0 0	0 1 22·39	63 6 6	
Wallace Reef	Whipstick	45 0 0	0 3 22·93	8 18 0	
South Alliance	Golden Square ...	99 0 0	0 14 23·51	74 3 0	
G. G. Consolidated ...	Golden Gully	7,248 0 0	0 14 7·93	5,193 8 15	
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.	Totals	68,727 0 0	0 14 3·58	48,621 12 21	
Costerfield G. and A. ...	Costerfield	276 0 0	0 3 22·43	54 6 0	From 230 to 420 feet
Hall and Marchesi ...	Various places ...	360 0 0	1 10 6·46	544 17 0	Various depths.
Archbold	Horseshoe Bend ...	123 0 0	0 16 9·65	100 17 12	Various depths
Blake	Graytown	65 0 0	1 0 22·15	68 0 0	Various depths
Collins	Redcastle and Staffordshire Flat	149 0 0	0 17 23·19	133 17 0	Various depths
	Totals	973 0 0	0 18 12·91	901 17 12	
WARANGA NORTH SUBDIVISION.					
Temple and Co. (Sub-Trib.)	Balaclava, Whroo ...	860 0 0	0 6 4·88	266 15 0	Surface to 100 feet
Nichol and Co.	Stockyard Reef, Whroo	15 0 0	0 10 4·80	7 13 0	100 feet
Woodward and Co. ...	Woodward's Reef, White Hills	48 0 0	1 4 19	59 10 0	50 feet
Welsh and Co.	White Hills	33 0 0	1 10 3·63	49 15 0	
Evans and Co.	White Hills	13 0 0	0 12 23·54	8 8 18	
Kellow and Co.	White Hills	25 0 0	0 7 6·72	9 2 0	
A. Darroch and Co. ...	Albert Reef, Whroo ...	7 0 0	1 5 3·43	8 16 0	
Tooson and Co.	... ...	19 0 0	1 13 10·10	31 15 0	
Augustine and Co. ...	White Hills	22 0 0	0 15 5·45	16 15 0	
Dalcam and Co.	Whroo	7 0 0	0 2 3·43	0 15 0	
Barrett and Co.	Whroo	3 0 0	0 8 4	1 4 12	
Keys and Co.	Whroo	2 0 0	0 5 6	0 10 12	
Mann and Co.	Whroo	8 0 0	0 5 17·25	2 5 18	
J. Barnard	Scrub Reef, Rushworth	19 0 0	0 9 17·68	9 5 0	
J. Eustace	Cockatoo, Rushworth ...	18 0 0	0 4 0	3 12 0	
Cortezi and Co.	Corrobboree Reef, Rushworth	7 0 0	0 7 6·86	2 11 0	
R. Crocker	Scrub Reef, Rushworth	11 0 0	0 3 19·63	2 2 0	
Taylor and Holmes ...	Nuggety Hill, Rushworth	47 0 0	0 3 0·64	7 2 6	
H. Dixon and Co. ...	Scrub Reef, Rushworth	24 0 0	0 5 6	6 6 0	
Cracknell and Co. ...	Frenchman's, Rushworth	33 0 0	0 15 7·27	25 5 0	
J. Vaughan	Belfast Reef, Rushworth	14 0 0	0 1 12	1 1 0	
	Totals	1,235 0 0	0 8 10·29	520 9 18	

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.	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Penny and Claussen ...	Public crushings ...	528 0 0	0 11 13·18	304 18 0	Various
Johnston and Sons ...	Public crushings ...	405 0 0	1 4 20·49	503 5 22	Various
Bristol Hill	Bristol Hill	720 0 0	0 4 7·73	155 12 0	300 feet
	Totals	1,653 0 0	0 11 15·86	963 15 22	
MAJORCA SUBDIVISION.					
Deed Brothers	Alfred Reef, German Gully	20 0 0	3 6 0	66 0 0	220-foot level, 12-inch lode; depth of water-level 130 feet
AMHERST DIVISION.					
Croydon	Laura Reef	400 0 0	0 4 18·51	95 8 15	150 feet
No. 1 South	Laura Reef	234 0 0	0 3 22·73	46 3 15	50 to 70 feet
Miller and Co.	Whipstick Reef ...	7 0 0	0 12 0	4 4 0	40 feet
Evans and Co.	Hereford Reef ...	78 0 0	0 9 21·92	38 13 6	20 to 40 feet
Williams and Co. ...	Specimen Reef ...	34 0 0	0 11 0	18 14 0	45 feet
Fenton and Co.	Prince of Wales Reef ...	161 0 0	0 9 15·35	77 12 0	108 feet
Busch and Co.	Prince of Wales Reef ...	164 0 0	1 7 14·04	226 4 0	80 to 90 feet
Sundries	Various parcels ...	25 0 0	0 7 0	8 15 0	
	Totals	1,103 0 0	0 9 8·43	515 14 12	
AVOCA SUBDIVISION.					
Ballantine and Co. ...	Vulture Reef	27 0 0	0 17 6·22	23 6 0	160 feet
Curnick	Surprise Reef	27 0 0	1 1 5·33	28 13 0	
Murdoch	Sliding Rock	44 0 0	0 5 21·82	13 0 0	
Avoca and Pyrenees ...	Donkey Hill Reef ...	150 0 0	0 2 6·40	17 0 0	Various depths, water-level 160 feet
Davies' Mill	Various Reefs from No. 2 Creek to Donkey Hill	156 0 0	0 9 14·58	74 18 18	
	Totals	404 0 0	0 7 18·40	156 17 18	
DUNOLLY AND TARNAGULLA DIVISIONS.					
Queen's Birthday ...	Bealiba Reef	1,275 0 0	0 8 19·91	562 18 0	335 feet
United Poverty	Poverty Reef	650 0 0	0 4 2·49	133 7 12	100 to 150 feet
Princess Royal	Sandstone Reef ...	38 0 0	0 3 17·21	7 1 6	
Glamorganshire	Various reefs	247 0 0	0 12 0	148 4 0	80 feet
Bet-bet	Bet-bet Reef	29 0 0	1 5 22·34	37 12 0	22 to 30 feet
Ah Moy and Co.... ...	Little Bulldog Reef ...	58 0 0	0 3 9·10	9 16 0	120 feet
	Totals	2,297 0 0	0 7 19·84	898 18 18	
KORONG DIVISION.					
Emerald	Rainbow Reef	103 0 0	0 3 5	16 11 0	200 feet
Brown's	Black Reef, Wehla ...	678 0 0	1 1 22·21	743 5 12	60 to 100 feet
Canadian	Canadian Reef, Wedderburn	180 0 0	0 3 2·66	28 0 0	100 feet
Cerberus	Prince Bismark Reef ...	100 0 0	0 10 0	50 0 0	90 feet
British Sovereign ...	Wehla	1,124 0 0	0 2 2	117 13 12	232 to 310 feet
Prince of Wales	German Reef	400 0 0	0 13 15	273 0 0	120 feet
Wallace and party ...	German Reef	400 0 0	0 8 12	170 0 0	
Fones	Fones' Reef, Burke's Flat	1,080 0 0	0 13 14·66	735 0 0	300 to 375 feet
Reilly and party	Perseverance Reef ...	6 0 0	4 13 8	28 0 0	10 feet
Mariner's Reef	Maxwell's Reef ...	8 0 0	0 2 15	1 1 0	270 feet
Metcalfe and party ...	May Reef	8 0 0	0 4 0	1 12 0	80 feet
Maxwell's Reef United ...	Mariner's Reef ...	66 0 0	0 0 20	2 16 0	Surface
Harvey and party ...	Maxwell's Reef ...	20 0 0	0 6 16·80	6 14 0	Surface
Mariner's Reef United ...	Mariner's Reef ...	18 0 0	0 2 9·33	2 3 0	270 feet
Sturk and McGuigan ...	Honeymoon Reef ...	10 0 0	1 3 12	11 15 0	150 feet
	Totals	4,201 0 0	0 10 9·94	2,187 11 0	
REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.					
New Isis	Oxonian Reef	300 0 0	0 8 9·04	125 13 0	400ft., water-level 40 ft.
Hinds and Co.	Somersetshire Reef ...	5 0 0	0 3 4·80	0 16 0	At surface
Scott and Co.	Rubbly Reef	500 0 0	0 14 0	350 0 0	
	Totals	805 0 0	0 11 20·09	476 9 0	
ST. ARNAUD NORTH SUBDIVISION.					
Chrysolite	Ballarat Reef	295 0 0	0 9 20·26	145 4 0	335 feet
Wilson's Hill	Wilson's Hill	550 0 0	0 19 3·58	526 12 0	300 feet
Rising Star	Rising Star Reef ...	1,098 0 0	0 5 18·03	315 15 0	
Whitely	Ballarat Reef	24 0 0	1 18 10·33	46 2 8	335 feet
Greenock	Greenock	240 0 0	0 6 0	72 0 0	From old workings at various depths
Clare and Daw	Pioneer Reef	16 0 0	0 15 20·25	12 13 12	12 feet
Victoria Association ...	Victoria Cross Reef ...	28 0 0	0 10 0	14 0 0	
Struthers	Black Rock	21 0 0	0 5 0	5 5 0	
Biddington	Wilson's Reef	70 0 0	0 1 7·54	4 12 0	Surface to 60 feet
	Totals	2,342 0 0	0 9 18·09	1,142 3 20	

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.					
Walker and Co.	Wattle Gully	55 0 0	1 16 4·42	99 10 3	200 to 245 feet
T. Safe and Co.	New Reef	11 0 0	9 19 13·09	109 15 0	Surface
New Caledonia	Caledonia Reef ...	3,239 0 0	0 4 19·78	781 6 5	115 to 160 feet
New Caledonia Tribute No. 1	Caledonia Reef ...	666 0 0	0 8 13·96	285 15 11	to 212 feet
William Tell	Argus Reef	1,157 0 0	0 6 4·67	358 8 0	80 to 140 feet
Eureka Consols	Eureka Reef	300 0 0	0 12 0	180 0 0	to 360 feet
Smith and James ...	Volunteer Reef ...	576 0 0	0 14 1·83	405 8 0	60 to 80 feet
Pygmalion	Eureka South	88 0 0	0 7 23·14	35 0 20	200 feet
Bridges and Co.	Bullock Reef	104 0 0	0 16 10·61	85 10 0	160 feet
Britannia	Cranky Ned's ...	405 0 0	0 7 8·55	148 19 9	100 feet
Mitchell and others ...	Barker's Creek ...	415 0 0	0 6 9·49	132 14 6	Various
Dyason and Co.	Little Nuggety ...	98 0 0	2 5 21·12	224 16 6	116 feet
Sebastopol	Various reefs ...	303 0 0	0 16 22·22	256 8 12	Various
Carter and Co.	Comet Reef	55 0 0	1 0 11·34	56 6 0	48 feet
Callander and Lamb ...	Various reefs ...	770 0 0	0 7 16·66	296 4 12	Various
Walker and James ...	Manchester Reef ...	729 0 0	0 2 23·75	108 19 6	100 to 160 feet
James and Co.	Englishman's Reef ...	600 0 0	0 7 17·30	231 12 12	220 feet
Evans and others ...	Nimrod Reef	235 0 0	0 6 10·46	75 12 12	175 feet
Devonshire	Devonshire Reef ...	1,027 0 0	0 13 22·78	716 6 0	200 feet
Meyer and Co.	Various reefs	620 0 0	0 12 0	372 0 0	Various
	Totals	11,453 0 0	0 9 15·90	4,960 12 18	
FRYER'S CREEK DIVISION.					
Garnet and Hender ...	Hit-or-Miss	35 0 0	0 10 0	17 10 0	70 feet
Perseverance	Cattle's Reef	300 0 0	0 9 20·08	147 11 0	100 feet
Eagle	German Gully ...	20 0 0	2 16 0	56 0 0	150 feet
Chapel Hill	Chapel Hill	4 0 0	0 4 6	0 17 0	12 feet
Small and Co.	Cattle's Reef	200 0 0	0 6 0	60 0 0	190 feet
Wilson and McDonald ...	German Gully ...	16 0 0	1 15 0	28 0 0	90 feet
Fryers'	Cattle's Reef	400 0 0	1 2 14·40	452 0 0	230 feet
Ferron's Reef	Ferron's Reef ...	1,212 0 0	0 4 7·98	262 11 0	115 feet
Rowe Brothers	Cattle's Reef	1,113 0 0	0 10 0	556 10 0	160 feet
Middlesex	Specimen Hill ...	46 0 0	1 0 0	46 0 0	200 feet
Black Hawk	Cattle's Reef	140 0 0	0 17 3·42	120 0 0	170 feet
Anglo-Australian ...	Golden Gully	200 0 0	0 10 0	100 0 0	160 feet
	Totals	3,686 0 0	0 10 0·51	1,846 19 0	
HEPBURN DIVISION.					
New Fear-not (No. 1) ...	Cornish Reef... ...	410 0 0	0 7 17·20	158 4 0	170 feet
Gladstone	Sailor's Creek... ...	371 0 0	0 11 12·45	213 13 12	50 feet
Cornish	Cornish Reef	5,850 0 0	0 7 17·76	2,264 0 0	380 and 170 fee
Jeffrey's mill (public) ...	Various reefs	551 0 0	0 6 11·10	178 1 0	90 to 120 feet
Hollingsworth	Black Jack's	100 0 0	0 7 0	35 0 0	100 feet
Italian Hill	Italian Hill	128 0 0	0 6 21	44 0 0	260 feet
Freeman's mills (public) ...	Wombat Hill	129 0 0	0 9 1·48	58 9 0	45 feet
Barkla's mill (public) ...	Various reefs	320 0 0	0 18 5·47	291 13 0	20 to 100 feet
Jenkins' mill (public) ...	Various reefs... ...	179 0 0	0 7 8·17	65 14 0	30 to 100 feet
Britannia	Milkman's Reef ...	270 0 0	0 7 3·23	96 6 9	20 to 70 feet
Dunstan's mills	Mauritius Reef ...	193 0 0	0 3 8·50	32 7 9	150 feet
P. Lucini's mill	Dry diggings	3 0 0	0 13 8	2 0 0	40 feet
Pinner and Co.	Sailor's Creek ...	180 0 0	0 4 18·26	42 17 0	35 feet
Specimen Hill	Specimen Hill ...				
Huggett and Co.	German Gully ...				
Risks	Glengower	2,480 0 0	0 6 22·45	860 0 0	Various
Morrison and Co. ...	Yandoit				
Prospects	Various reefs				
	Totals	11,164 0 0	0 7 18·69	4,342 5 6	
TARADALE AND KYNETON SUBDIVISION.					
United Kingdom	Taradale	1,325 0 0	0 6 6	414 1 6	130 feet
Fenton	Taradale	1,600 0 0	0 4 16·50	375 0 0	160 feet
Metcalfe Extended ...	Taradale	115 0 0	0 6 0	34 10 0	200 feet
Patton's	Taradale	10 10 0	7 0 0	73 10 0	30 feet
United Kingdom Extended	Taradale	200 0 0	0 12 12	125 0 0	372 feet
Bachelor's	Lauriston	30 0 0	0 7 0	10 10 0	80 feet
Brandenberg	Malmsbury	350 0 0	0 5 0	87 10 0	75 feet
Tommy Dodd	Malmsbury	1,300 0 0	0 8 0	520 0 0	180 feet
Malmsbury Reservoir ...	Malmsbury	326 0 0	0 10 0	163 0 0	
Central Energetic ...	Lauriston	150 0 0	0 10 0	75 0 0	235 feet
	Totals	5,406 10 0	0 6 22·73	1,878 1 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.
TARRANGOWER DIVISION.		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Caledonian mills	Eaglehawk, Nuggety, Beehive, and Lisle's Reefs	622 0 0	0 15 20·10	492 11 0	200 to 500 feet
Linscott's mills	Cumberland and Mosquito Reefs, Beehive, Victoria, Eaglehawk	643 0 0	0 10 14·15	340 9 6	100 to 560 feet
Great Western	Beehive Reef	787 0 0	0 5 14·21	220 1 0	470 feet
Phœnix mills	Beehive and Victoria Reefs, Eaglehawk, Irish Billy's	389 0 0	0 15 23·69	310 19 0	25 to 500 feet
Eaglehawk Union ...	Eaglehawk Reef ...	2,108 0 0	0 12 22·61	1,364 2 0	550 feet
Red, White, and Blue ...	Red, White, & Blue Reef	50 0 0	0 4 19·20	12 0 0	150 feet
Watson's Freehold ...	Teetotal Reef	274 0 0	0 3 0·17	41 4 0	150 feet
Thornhill's Reef	Thornhill's Reef ...	150 0 0	0 6 0	45 0 0	300 feet
Union	Thornhill's and German Reef	20 0 0	0 15 7·20	15 6 0	90 feet
	Totals	5,043 0 0	0 11 6·46	2,841 12 6	
ST. ANDREW'S DIVISION.					
Union	Diamond Creek ...	650 0 0	1 1 10·78	697 2 0	250 feet
Perseverance	One-tree Hill	200 0 0	0 4 0·30	40 2 12	100 to 130 feet
Dogherty and Co. ...	Oram's Reef	4 10 0	3 1 13·33	13 17 0	90 to 100 feet
Rickards	Yow-yow	17 7 0	0 10 15·96	9 5 18	30 feet
Plunkett and Co. ...	Allen's Reef	26 0 0	0 4 21·61	6 7 10	140 to 150 feet
Adams and Co.	Blue Jacket	3 0 0	0 16 16	2 10 0	20 feet
Goodwin and Co. ...	Oram's	1 15 0	1 9 17·14	2 12 0	140 feet
Borelli	Oram's	2 0 0	2 9 0	4 18 0	Surface
Joyce	Catherine	1 0 0	1 12 0	1 12 0	Opening
Auer and Co.	... ...	1 10 0	3 14 16	5 12 0	30 feet
Davis and Co.	Wallaby	1 0 0	0 11 0	0 11 0	Surface
Tommy Dodd	Panton's Hill	5 0 0	0 18 16·80	4 13 12	
No. 3 South	Oram's	1 0 0	1 3 0	1 3 0	40 feet
Hosford and Co.	Warrandyte	150 0 0	1 3 8	175 0 0	70 feet
Allendale	Diamond Creek ...	44 0 0	3 6 22·90	147 6 0	30 feet
	Totals	1,108 2 0	1 0 1·95	1,112 12 4	

ARARAT MINING DISTRICT.

ARARAT DIVISION.					
Bourke and Co.	Bourke's Reef, Port Curtis	20 0 0	0 16 6	16 5 0	Surface to 20 feet
PLEASANT CREEK DIVISION.					
Wimmera	Scotchman's, Cross, Flat	4,455 0 0	0 18 0·77	4,016 13 22	
Newington & Pleasant Creek	Various	1,200 0 0	0 15 1	902 10 0	
Moonlight	Cross, Flat, Scotchman's	4,447 0 0	0 17 10·30	3,875 9 0	
New St. George	Various	481 0 0	0 5 16·31	136 12 0	
Scotchman's	Scotchman's, Cross, and Wonga	3,360 0 0	0 11 22·82	2,007 15 13	
Grant, Lamont, and Co. ...	Cross, Scotchman's, and Darlington	4,636 0 0	0 18 8·83	4,257 14 11	360 to 800 feet
	Totals	18,579 0 0	0 16 8·61	15,196 14 22	
RAGLAN DIVISION.					
Richmond	Richmond Reef, near Waterloo	120 0 0	0 11 16	70 0 0	46 feet

GIPPSLAND MINING DISTRICT.

BOGGY CREEK SUBDIVISION.					
Sons of Freedom ...	Sons of Freedom Reef ...	218 0 0	0 14 14	159 0 0	60 and 100 feet
CROOKED RIVER DIVISION.					
Good Hope	Good Hope Reef ...	160 0 0	0 12 13·35	100 9 12	160 feet
Armstrong and Co. ...	Ballarat Reef	51 0 0	0 19 20·23	50 12 0	60 to 90 feet
Pattison and Co.	Faithful Reef	22 0 0	0 9 2·18	10 0 0	Surface to 40 feet
Garry Castle	Great Republic Reef ...	218 0 0	0 6 21·13	75 0 0	60 feet
Foster and Co.	Newcastle Reef ...	41 0 0	0 7 19·31	16 0 0	45 feet
Chrisman and Co. ...	Bismark Reef ...	29 0 0	0 13 10·75	19 10 0	Surface to 30 feet
Pioneer	Pioneer Reef	10 0 0	0 5 19·80	2 18 6	80 feet
	Totals	531 0 0	0 10 7·68	274 9 18	

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.	
JERICHO DIVISION.					
Loch Fyne and Fern-tree ...	Coy's claim	22 0 0	0 15 22	17 10 0	
Harbinger	Coy's claim	52 10 0	0 8 0	21 0 0	
	Totals	74 10 0	0 10 8	38 10 0	
DONNELLY'S CREEK DIVISION.					
United Star	Creek level	32 0 0	2 1 6	66 0 0	
Bismark	Coy's lease	58 0 0	2 1 1·65	119 2 0	
	Totals	90 0 0	2 1 3·20	185 2 0	
STRINGER'S CREEK DIVISION					
Long Tunnel	Cohen's Reef	4,279 0 0	2 1 7·85	8,841 19 0	Between 243 and 323 foot level
Walhalla	Cohen's Reef	2,546 0 0	1 1 9·86	2,725 13 0	Between 85 and 185 foot level
North Gippsland ...	Cohen's Reef	1,715 0 0	0 9 6·80	796 1 0	Between 172 and 254 foot level
	Totals	8,540 0 0	1 8 22·91	12,363 13 0	
RUSSELL'S CREEK DIVISION.					
United Co-operative ...	Russell's Creek ...	71 0 0	0 17 0	60 7 0	150 feet
BENDOC SUBDIVISION.					
Rising Sun	Rising Sun quartz claim, Bonang	50 0 0	0 3 48	8 0 0	160-foot level, driving south
Albert	Albert quartz claim, Bonang	7 0 0	14 0 0	98 0 0	20 to 56 feet sinking
	Totals	57 0 0	1 17 4·63	106 0 0	
TARWIN SUBDIVISION.					
Ophir	On the side of a hill about a quarter of a mile N.E. of Foster	11 0 0	1 11 0·45	17 1 5	130 feet
African	Caffre Hill	110 0 0	0 6 12	35 15 0	40 feet
Golden Bar	Caffre Hill	55 0 0	1 1 12·87	59 4 12	70 feet
	Totals	176 0 0	0 12 17·55	112 0 17	

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.	
BEECHWORTH MINING DISTRICT.					
ALEXANDRA SUBDIVISION.					
Albert Tribute	Lucky Reef	346 0 0	0 2 0·62	35 1 0	
Riordan and party ...	Lucky Reef	80 0 0	0 0 10·20	1 14 0	
Alexandra	Sundries	200 0 0	0 0 17·76	7 8 0	
	Totals	626 0 0	0 1 9·85	44 3 0	

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.	
SANDHURST MINING DISTRICT.					
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
Collins	Redcastle	250 0 0	0 1 0	12 10 0	Mullock
WARANGA NORTH SUBDIVISION.					
Evans and Co.	... ...	2 0 0	1 7 9	2 14 18	
Chinaman	... ...	6 0 0	0 3 7	0 19 18	
Clark and Son	... ...	6 0 0	0 2 18	0 16 12	
Clark and Co.	... ...	7 0 0	1 7 20·57	9 15 0	
Manuel and Co.	... ...	10 0 0	1 12 0	16 0 0	
Liddell and Co.	... ...	11 0 0	0 19 19·63	10 18 0	
Augustine and Co.	... ...	38 0 0	0 10 3	19 6 0	
Kellow and Co.	... ...	23 0 0	0 11 16·17	13 8 12	
Walsh and Co.	... ...	56 0 0	1 3 16·50	66 6 12	
H. Richardson	Perseverance Co.'s mine	50 0 0	0 2 11·52	6 4 0	
	Totals	209 0 0	0 14 0·34	146 9 0	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Johnston and Sons ...	Public crushings ...	61 0 0	0 3 2·36	9 9 0	Tailings
AMHERST DIVISION.					
T. Bartlemore	Various parcels ...	715 0 0	0 2 7·72	83 0 0	
DUNOLLY AND TARNAGULLA DIVISIONS.					
Glamorganshire	Bealiba, various hills and Puzzle Flat.	348 0 0	0 5 0	87 0 0	
REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.					
New Isis	Oxonian Reef... ...	109 0 0	0 8 22·90	48 16 0	
Lancashire mill	... ...	315 0 0	0 2 13	40 0 15	
	Totals	424 0 0	0 4 4·56	88 16 15	
ST. ARNAUD NORTH SUBDIVISION.					
Douglas mill	... ...	390 0 0	0 3 0	58 10 0	
Greenock	Greenock	270 0 0	0 3 0	40 10 0	
	Totals	660 0 0	0 3 0	99 0 0	
CASTLEMAINE MINING DISTRICT.					
FRYER'S CREEK DIVISION.					
Thomas and Co.	Bald Hill	520 0 0	0 3 1·84	80 0 0	100 feet
Golden Lead	Strathloddon	6,000 0 0	0 2 12	750 0 0	200 feet
	Totals	6,520 0 0	0 2 13·10	830 0 0	
HEPBURN DIVISION.					
Barker's mills	Various	53 0 0	0 7 9·96	19 13 0	Surface
Dunstan's mills	Mauritius Reef ...	42 0 0	0 1 22	4 0 12	Surface
Lucini's mills	Commissioner's Reef ...	374 0 0	0 1 13·66	29 7 0	Surface
	Totals	469 0 0	0 2 6·26	53 0 12	
TARRANGOWER DIVISION.					
North British	Tailings only from Parkin's Reef.	1,250 0 0	0 2 0	125 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.					
Sovereign	Golden Point	10 0 0	2 0 0	20 0 0	500 to 700 feet
Llanberris	Gum-tree Flat ...	53 0 0	1 2 18·79	60 7 12	200 to 300 feet
	Totals	63 0 0	1 5 12·38	80 7 12	
CRESWICK DIVISION.					
Port Phillip	Clunes Reefs	86 10 0	2 18 22·75	254 19 0	
New North Clunes ...	Clunes Reefs	189 0 0	2 7 17·90	451 4 0	
	Totals	275 10 0	2 11 6·31	706 3 0	
BEECHWORTH MINING DISTRICT.					
BUCKLAND DIVISION.					
Happy Valley	Happy Valley and Christmas Reefs	72 0 0	2 9 4	177 0 0	
GAFFNEY'S CREEK SUBDIVISION.					
Rose of Denmark ...	Eureka Reef	46 3 0	2 9 1·67	114 14 0	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
Sandhurst and Eaglehawk Pyrites	Jackass Flat	229 0 0	2 2 13·10	487 3 0	Treated by means of reverberatory furnace
J. P. Spargo	Great Western Gully ...	279 0 0	2 4 0	613 16 0	
Koch's Pioneer	Long Gully	188 0 0	2 9 6·12	463 0 0	
Beehive	Eaglehawk	8 0 0	1 18 10·75	15 7 14	Revolving cylinder
	Totals	704 0 0	2 4 20·81	1,579 6 14	
WARANGA NORTH SUBDIVISION.					
Keys and Co.	Whroo	14 10 0	1 0 0	14 10 0	
MARYBOROUGH MINING DISTRICT.					
ST. ARNAUD NORTH SUBDIVISION.					
Chrysolite	Ballarat Reef	98 10 0	1 3 9·12	115 2 22	
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Eureka Consols	Eureka Reef	2 0 0	4 14 6	9 8 12	
Yates and Co.	Various	110 0 0	2 10 0	275 0 0	
	Totals	112 0 0	2 10 18·96	284 8 12	
HEPBURN DIVISION.					
Specimen Hill	Specimen Hill ...	12 0 0	3 0 0	36 0 0	
GIPPSLAND MINING DISTRICT.					
STRINGER'S CREEK DIVISION.					
Long Tunnel	... ...	58 0 0	2 2 5·37	122 9 0	

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 and Cement.
Washdirt.	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.
Ballarat	42,954 0 0	0 2 2·93	4,557 17 23
Beechworth	12,184 0 0	0 2 15·46	1,610 18 12
Sandhurst	7,636 0 0	0 2 14·73	998 0 17
Maryborough	24,228 0 0	0 2 1·09	2,477 19 12
Castlemaine	117,152 0 0	0 0 21·28	5,193 16 8
Ararat	547 0 0	0 2 8·23	69 1 19
Gippsland	...	...	...
Totals	204,701 0 0	0 1 10·96	14,907 14 19
Cement.			
Ballarat	...	...	...
Beechworth	...	...	...
Sandhurst	400 0 0	0 1 0	20 0 0
Maryborough	7,000 0 0	0 4 14·86	1,616 17 0
Castlemaine	394 0 0	0 2 6·54	44 15 12
Ararat	1,536 0 0	0 6 5·54	478 10 17
Gippsland	...	...	...
Totals	9,330 0 0	0 4 15·13	2,160 3 5

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, 19th January 1874.

R. BROUGH SMYTH,
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.					
Eastern Star	Ballarat East... ...	2,340 0 0	0 1 8·72	159 10 12	150 feet
Golden Gate	Ballarat East... ...	2,735 0 0	0 1 23·47	270 10 15	160 feet
Koh-i-noor	Ballarat West ...	7,500 0 0	0 2 11·97	937 3 0	250 feet
Great Gulf	Cambrian Hill ...	1,528 0 0	0 2 14·76	199 16 6	150 feet
Park	Ballarat West ...	3,250 0 0	0 4 21·47	795 8 0	320 feet
Golden Reef	Ballarat West ...	5,481 0 0	0 2 9·79	660 0 0	240 feet
	Totals	22,834 0 0	0 2 15·53	3,022 8 9	
BUNINYONG DIVISION.					
Hopeful	Green Hills Lead ...	1,193 0 0	0 1 13·26	92 12 12	100 feet
Board of Advice ...	Green Hills Lead ...	1,333 0 0	0 1 22·81	130 0 0	100 feet
Devonshire	Devonshire Lead ...	2,600 0 0	0 0 23·53	127 10 0	
	Totals	5,126 0 0	0 1 8·78	350 2 12	
CRESWICK DIVISION.					
South Clunes	Clunes	5,424 0 0	0 3 12·83	958 13 0	246 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 ewt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.					
Gollop and two others ...	Pannel Point	80 0 0	0 4 9·75	17 12 12	12 feet
Carpender and three others	Milkman's Flat ...	120 0 0	0 5 9·40	32 7 0	50 feet
Daly and four others ...	Butcher's Flat ...	2,000 0 0	0 0 4·70	19 12 0	Surface to 20 feet
Ah Choung and six others	Lerderderg River ...	310 0 0	0 0 22·45	14 10 0	6 feet
Ah Pie and six others ...	Red Hill	380 0 0	0 1 9·16	26 5 0	6 feet
Ah Pock and three others...	Kangaroo Flat ...	560 0 0	0 0 12·21	14 5 0	Surface to 4 feet
Ah Kong and four others ...	Golden Point	600 0 0	0 0 18·60	23 5 0	Surface to 10 feet
Ah Long and two others ...	Yankee Creek ...	420 0 0	0 0 16	14 0 0	Surface to 6 feet
J. Lowrey and another ...	Back Creek	700 0 0	0 0 7·73	11 5 14	Surface to 10 feet
Loisleur and three others ...	Red Hill	4,000 0 0	0 0 5·44	45 6 0	Surface to 15 feet
Campbell and two others ...	Yankee Creek ...	400 0 0	0 0 9·96	8 6 0	15 feet
	Totals	9,570 0 0	0 0 11·37	226 14 2	

BEECHWORTH MINING DISTRICT.

INDIGO DIVISION.					
Doma Mungi Tribute ...	Chiltern Lead ...	7,200 0 0	0 2 0	720 0 0	280 feet
Caledonian and Durham ...	Caledonian and Durham Leads	2,500 0 0	0 4 6·82	535 11 0	160 feet
Glencoe	Glencoe and All England Leads	1,000 0 0	0 2 22·56	147 0 0	280 feet
	Totals	10,700 0 0	0 2 14·82	1,402 11 0	
ALEXANDRA SUBDIVISION.					
Peterkin and Sloan ...	Royal Standard Lead ...	550 0 0	0 2 4·58	60 5 0	110 feet
New Gobur	Working Miners' Lead...	934 0 0	0 3 4·12	148 2 12	94 feet
	Totals	1,484 0 0	0 2 19·40	208 7 12	

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.					
Guy, Clough, and Co. ...	White Hills	2,595 0 0	0 1 0·99	135 2 17	Surface to 80 feet
Ballarat and Bendigo ...	Huntly	1,400 0 0	0 6 10·83	451 12 0	110 to 120 feet
Bagshot	Huntly	3,641 0 0	0 2 6·22	411 6 0	160 to 180 feet
	Totals	7,636 0 0	0 2 14·73	998 0 17	

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.					
Gladstone	Alma	6,500 0 0	0 1 15·58	536 0 0	100 to 130 feet
John Bright	Alma	6,500 0 0	0 2 11·42	804 14 0	150 to 160 feet
	Totals	13,000 0 0	0 2 1·50	1,340 14 0	
AMHERST DIVISION.					
Band of Hope	Cockatoo	2,880 0 0	0 1 23·33	284 0 0	100 feet
Hoffnung	Mount Greenock ...	1,500 0 0	0 3 9·60	255 0 0	140 feet
Union	Mount Greenock ...	3,960 0 0	0 0 16	132 0 0	340 feet
Prince of Wales	Cockatoo	1,200 0 0	0 2 10·40	146 0 0	140 feet
	Totals	9,540 0 0	0 1 17·10	817 0 0	
AVOCA SUBDIVISION.					
Melbourne and Avoca ...	Avoca Lead	1,488 0 0	0 3 15·93	272 12 0	150 feet
Trevithick	Avoca Lead	200 0 0	0 4 18·42	47 13 12	107 feet
	Totals	1,688 0 0	0 3 19·07	320 5 12	

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.	
CASTLEMAINE MINING DISTRICT.					
FRYER'S CREEK DIVISION.					
Ellis and Co.	Horseshoe Bend ...	2,000 0 0	0 0 18	75 0 0	17 feet
Peterson and Co.	Choke-'em Flat ...	2,600 0 0	0 0 9·60	52 0 0	12 feet
Ridley and Co.	New Year's Flat ...	6,500 0 0	0 0 4·80	65 0 0	16 feet
Williams and Co. ...	New Year's Flat ...	2,600 0 0	0 0 6·09	33 0 0	16 feet
Serjeant and Co. ...	New Year's Flat ...	1,300 0 0	0 0 7·38	20 0 0	17 feet
Oats and Co.	New Year's Flat ...	1,950 0 0	0 0 8·12	33 0 0	17 feet
Lawson and Co. ...	New Year's Flat ...	3,900 0 0	0 0 3·20	26 0 0	18 feet
Peterson and Co. ...	Spring Gully	650 0 0	0 0 19·20	26 0 0	15 feet
George and Co.	Spring Gully	1,000 0 0	0 0 9	18 15 0	15 feet
Kennedy	Forty-foot Hill ...	1,000 0 0	0 0 6	12 10 0	10 feet
Tonkin and Co.	Church's Flat ...	1,600 0 0	0 0 12	40 0 0	17 feet
Strahan and Co.	Church's Flat ...	1,300 0 0	0 0 8	21 13 8	15 feet
Stiel and Co.	Deadman's Flat ...	900 0 0	0 0 12	22 10 0	12 feet
Bonher and Co.	Deadman's Flat ...	1,300 0 0	0 0 18	48 15 0	12 feet
Stiebeck	Spring Gully	1,000 0 0	0 0 12	25 0 0	10 feet
Anderson	Golden Gully ...	1,300 0 0	0 0 6	16 5 0	20 feet
Parsons	Horseshoe Bend ...	4,000 0 0	0 0 12	100 0 0	16 feet
Trethewy	New Year's Flat ...	2,000 0 0	0 0 9·60	40 0 0	17 feet
Killeen	New Year's Flat ...	2,000 0 0	0 0 12	50 0 0	17 feet
Hamilton	New Year's Flat ...	2,000 0 0	0 0 7·20	30 0 0	16 feet
Brewer	New Year's Flat ...	1,300 0 0	0 0 12	32 10 0	16 feet
Vosti and Co.	German Gully ...	2,000 0 0	0 1 0	100 0 0	12 feet
	Totals	44,200 0 0	0 0 9·61	887 18 8	
HEPBURN DIVISION.					
Sailor Prince	Sebastopol Hill ...	1,620 0 0	0 5 11·88	445 2 0	300 feet
Reynolds' party	Table Hill	150 0 0	0 3 23·02	29 13 21	60 feet
Rudge's party	Table Hill	400 0 0	0 1 12·81	30 13 12	50 feet
Sibbison's party	Table Hill	320 0 0	0 2 4·20	34 16 0	55 feet
McPherson's party ...	Fiery Hill	325 0 0	0 1 16·91	27 14 0	85 feet
Righetti's party	Lanky Gully	687 0 0	0 2 0·83	69 18 0	70 feet
Sluicing parties, return given	Various localities ...	9,440 0 0	0 1 0·03	472 15 0	Surface
Sluicing parties, no returns (estimated)	Various localities ...	54,000 0 0	0 1 2·66	3,000 0 0	Surface
	Totals	66,942 0 0	0 1 5·47	4,110 12 9	
TARRANGOWER DIVISION.					
Grigg and Co.	Pegleg Gully	1,035 0 0	0 0 18	38 16 6	Surface to 15 feet
Abram Bowe	Pegleg Gully	768 0 0	0 0 15	24 0 0	Surface to 10 feet
Stevens and party ...	Pegleg Gully	515 0 0	0 0 18	19 6 6	Surface to 10 feet
Lack and party	Porcupine Flat ...	390 0 0	0 0 16	13 0 0	15 feet
Henry Smith and Co. ...	Porcupine Flat ...	455 0 0	0 0 15	14 4 9	15 to 20 feet
Knight and Co.	Porcupine Flat ...	396 0 0	0 0 12	9 18 0	15 to 20 feet
Shearer and Co.	Long Gully	154 0 0	0 0 14	4 9 20	6 to 10 feet
Rash and Co.	Chapman's Gully ...	843 0 0	0 0 12	21 1 12	Surface to 6 feet
Grenfell and Co. ...	Parkins' Reef ...	455 0 0	0 0 16	15 3 8	15 to 20 feet
Crowe and Co.	Clydesdale	518 0 0	0 0 16	17 5 8	50 feet
Robt. Grigg and Co. ...	Porcupine Flat ...	481 0 0	0 0 18	18 0 18	40 feet
	Totals	6,010 0 0	0 0 15·59	195 5 15	
ARARAT MINING DISTRICT.					
RAGLAN DIVISION.					
Got-him-by-the-wool ...	Red Streak Lead, Beaufort	67 0 0	0 5 16	19 1 19	61 feet
Toman and party ...	Waterloo Flat ...	480 0 0	0 2 2	50 0 0	75 feet in main driving
	Total	547 0 0	0 2 8·23	69 1 19	

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.	
SANDHURST MINING DISTRICT.					
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
Blake	Graytown	400 0 0	0 1 0	20 0 0	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Seaham	Alma	7,000 0 0	0 4 14·86	1,616 17 0	100 to 150 feet
CASTLEMAINE MINING DISTRICT.					
HEPBURN DIVISION.					
Green and party ...	Daly street	394 0 0	0 2 6·54	44 15 12	150 feet
ARARAT MINING DISTRICT.					
ARARAT DIVISION.					
Cement	Londonderry	756 0 0	0 4 3·70	157 0 17	
Kneal and party	Wet Lead	80 0 0	0 2 0	8 0 0	
	Totals	836 0 0	0 3 22·70	165 0 17	
PLEASANT CREEK DIVISION.					
Hand-in-Hand	Deep Lead	700 0 0	0 8 22·97	313 10 0	

NUMBER AND DISTRIBUTION OF MINERS ON THE GOLDFIELDS OF THE COLONY, FOR THE QUARTER ENDED 31ST DECEMBER 1873.

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

Name of Place.	No.	Total.
BALLARAT DISTRICT.		
Central Division:		
Ballarat West	1,100	
Ballarat East	900	
Ballarat North	150	
Sebastopol	550	
Cambrian Hill	200	
The Springs	70	
Little Bendigo	263	
Dead-horse	110	
Sago Hill	75	
		3,418
Southern Division:		
Long Gully	6	
Staffordshire Reef	46	
Italian Gully	44	
Splitters' Gully	17	
Kangaroo	19	
Moonlight	18	
Bulldog	109	
Rokewood Junction	61	
Mount Misery	300	
Jackson's Gully	10	
Yankee Hill	15	
Grassy Gully	33	
Spring Creek	14	
Sawpit Gully	26	
Whim Holes	30	
Hard Hills	35	
Frenchman's Gully	33	
Pinchgut	66	
Break-o'-Day	90	
Western Creek	80	
		1,052
Buninyong Division:		
Durham and tributaries	130	
Green Hills and Devonshire	50	
Scotchman's and Hard Hills	140	
Buninyong and Buninyong Estate	280	
Hiscock's	60	
Winter's Flat, Magpie, and Cobbler's	140	
One-eye and Spring Hill	20	
Black Lead	50	
Napoleon, Kitty's Ranges, and Gympie	120	
Prospecting and isolated parties	50	
		1,040
Smythesdale Division:		
Smythesdale	200	
Scarsdale	300	
Brown's	70	
Italian Gully	40	
Derwent Jack's	15	
Piggoreet	100	
Bottle Hill	60	
Snake Valley	70	
Springdallah Creek	20	
Happy Valley	130	
Haddon	400	
Golden Lake	120	
Madden's Flat	15	
Linton's	180	
Moonlight Creek	15	
		1,735
Creswick Division:		
Creswick	20	
Clunes	980	
Springhill	480	
Broomfield Gully	20	
Red Streak	320	
Union Hill	20	
Longpoint	20	
Diamond Gully	15	
Cobbler's Gully	15	
Bald Hills	20	
Sulky Gully	20	
Slaty Creek	50	
Mopoke	40	
Carried forward		7,245

Name of Place.	No.	Total.
Brought forward		7,245
Creswick Division—continued.		
Humbug Hill	20	
Portuguese Flat	10	
Back Creek	10	
Bullarook	40	
		2,100
Gordon Subdivision:		
Egerton	166	
Gordon	58	
Moorabool	4	
		228
Steiglitz Subdivision:		
Steiglitz	290	
Morrison's and Tea-tree Creek	130	
Dolly's Creek	20	
Elaine	200	
Mount Doran	40	
Little Forest	30	
		710
Blackwood Division and Blue Mountain South Subdivision:		
Golden Point	170	
Red Hill	70	
Barry's Reef and Split-tree	340	
Yankee Reef and Creek	50	
Simmons' Reef and Back Creek	80	
Sebastopol and Lower Lerderderg	140	
Blakeville	40	
Snake Gully	16	
Goodman's Creek	20	
Ballan Flat	40	
Johnston's Reef	16	
Garibaldi and vicinity	36	
Wright's Reef	25	
Bacchus Marsh and vicinity	37	
		1,080
Ballan Subdivision:		
Blakeville	25	
		25
Total for Ballarat District		11,388
BEECHWORTH DISTRICT.		
Beechworth Division:		
Spring Creek	105	
Silver Creek	25	
Deep Creek	22	
Hurdle Creek	54	
Pennyweight Flat	52	
Two-mile Creek	60	
Three-mile Creek	210	
Six-mile Creek	55	
Bowman's Forest, &c.	110	
Myrtleford, &c.	80	
Wooragee, &c.	150	
Reid's Creek	38	
Woolshed	190	
Sebastopol	143	
Eldorado	420	
Stanley and neighborhood	410	
		2,124
Yackandandah Division:		
Clear Creek Junction	80	
Bruarong	35	
Kirby's Flat	75	
Rowdy Flat	45	
Osborne's Flat	58	
Allan's Flat	12	
Staghorn Flat	25	
Twist's Creek	100	
Muddy Creek	60	
Hillsborough	62	
Sandy Creek	110	
Township	80	
Hayes' Point	25	
		767
Carried forward		2,891

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

Name of Place.	No.	Total.
Brought forward		2,891
Indigo Division:		
Suffolk and New Ballarat Leads ...	137	
Indigo Lead	208	
Glencoe Lead	52	
Durham Lead	42	
Suffolk	8	
Lancashire and Black-dog Leads ...	14	
All England Lead	8	
Happy-go-Lucky Reef	10	
Caledonian	8	
Clydesdale	12	
Wahgunyah	8	
Robert Burns	6	
Hibernian...	5	
New Hibernian	4	
Lanarkshire	8	
Good Hope	7	
Various Quartz Reefs	42	
		579
Buckland Division:		
Harrietville	200	
Harrietville to Bright	352	
Bright to Boundary	234	
Running Creek	104	
Morse's and Growler's Creeks ...	249	
Buckland to First Bridge	182	
First Bridge to Second Bridge ...	270	
Second Bridge to Ovens Junction ...	195	
		1,786
Alexandra Subdivision:		
Alexandra and vicinity	30	
Godfrey's Creek	100	
Devil's River and tributaries ...	25	
Johnson's Creek and tributaries ...	15	
Garibaldi Gully and vicinity ...	25	
Head of U T Creek	8	
Goulburn River	15	
Ghin-ghin	3	
Spring Creek and tributaries ...	40	
Merton and vicinity	20	
Scattered Prospectors	20	
Maindample and Doon	20	
		321
Dry Creek Subdivision:		
Brankeet Creek	25	
Dry Creek	100	
Hell's Hole Creek	40	
		165
Gaffney's Creek Subdivision:		
Goulburn River	8	
Gaffney's Creek	45	
Cannon's Creek	20	
Raspberry Creek and branches ...	42	
Lyrebird Creek	4	
Wallaby Reef	30	
Cornhill Reef	1	
Moving population	8	
Moonlight Creek	2	
Snakes' Creek	2	
		162
Wood's Point Subdivision:		
Wood's Point and Morning Star ...	95	
Lower Goulburn	45	
Right and left branches	40	
Gooley's Creek, &c.	25	
Harper's and Pheasant Creeks ...	24	
Perkins' Creek and Waverley ...	10	
All Nations, &c.	32	
Black River	3	
Moving population	14	
Maori Creek	6	
		294
Big River Subdivision:		
Frenchman's Creek	5	
Ten-mile	2	
Warner's Creek	28	
Enoch's Point	8	
Railway Creek	40	
Jim Thomas' Creek	3	
Big River South	6	
Big River North	12	
Fry's Creek	6	
Jerusalem Creek and Wilson's ...	6	
Moving population	6	
		122
Carried forward		6,320

Name of Place.	No.	Total.
Brought forward		6,320
Mitta-mitta Division:		
Lightning Creek	40	
Granite Flat	46	
Mitta-mitta River	32	
Snowy Creek Junction	40	
		158
Jamieson Subdivision:		
Howqua River and tributaries ...	40	
Goulburn from Howqua to Jamieson	120	
Mack's Creek	50	
Goulburn from Jamieson to Swampy Creek	70	
Sailor Bill's Creek...	120	
Flume Creek	25	
Baker's Creek	25	
		450
Total for Beechworth District... ...		6,928
SANDHURST DISTRICT.		
Sandhurst Division:		
Back Creek and Spring Gully ...	160	
Sheepshead and Golden Gully ...	460	
Golden Square and Kangaroo Flat ...	540	
Crusoe Gully and neighborhood ...	90	
Marong and Bullock Creek ...	120	
Victoria and New-chum Reefs ...	570	
Long, Maiden, and Derwent Gullies ...	520	
Ironbark	500	
Bendigo Flat	520	
White Hills and Epsom	100	
Huntly	300	
Sydney Flat and Whipstick ...	230	
Specimen Hill and Sailor's Gully ...	350	
Devonshire and Dead-horse Gullies ...	300	
Windmill Hill and California Gully ...	490	
Eaglehawk Gully and Flat	320	
Snob's Hill and Pegleg Gully ...	350	
Raywood	100	
Elysian Flat	50	
Sebastian	50	
Kamarooka	100	
Scattered and prospecting	450	
		6,670
Kilmore Division:		
Reedy Creek	45	
Sunday Creek	12	
Yea, and vicinity	10	
Higinbotham	8	
Tea-tree Creek	8	
King Parrot Creek...	10	
Goulburn River	22	
		115
Heathcote Division and Waranga South Subdivision:		
Graytown	40	
Redcastle	150	
Heathcote	200	
Costerfield	140	
Tooborac	40	
Kimbolton and Campaspe	30	
Coliban and Myrtle Creek	80	
Wild-duck Creek	40	
One-eyed Gully	150	
Mullocky Hill	20	
		890
Waranga North Subdivision:		
Rushworth	120	
Whroo	40	
Coy's and Cherry-tree	38	
Fontainebleau and White Hills ...	104	
		302
Total for Sandhurst District		7,977
MARYBOROUGH DISTRICT.		
Maryborough Division:		
Waterloo, Inkerman, Alma, Adelaide Lead, Moonlight Flat	700	
Golden Point, Carisbrook, Craigie, and Four-mile Flat	800	
Mosquito, Blucher's, and Mariner's ...	450	
Blackman's Lead	50	
Chinaman's Flat, Newtown, Havelock, Lucknow, Maryborough ...	1,200	
		3,200
Carried forward		3,200

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

Name of Place.	No.	Total.
Brought forward		3,200
Majorca Subdivision:		
Majorca Lead	117	
Scandinavian Lead	55	
Rocky Flat Lead	37	
Cockatoo Lead	14	
Mount Greenock Lead	6	
German Gully	4	
		233
Amherst Division:		
About Talbot	50	
Scandinavian Lead	30	
Mount Greenock	64	
Nuggety and Long Gullies	46	
Kangaroo Flat and Gully	32	
Mia-mia Flat and tributaries ...	24	
Daisy Hill and tributaries	120	
Adelaide Lead South	74	
Blacksmith's Gully	14	
Emu and Cockatoo	98	
Brown's Gully	8	
		560
Avoca Subdivision:		
Amphitheatre	52	
Old Avoca Lead	280	
Green Hill Creek	30	
Percydale	400	
Homebush	40	
Lamplough	20	
Mountain Hut	40	
No. 1 Creek	102	
No. 2 Creek	706	
Sardine Gully and Kimberley ...	500	
Donkey Hill	50	
Vale's Hill and Fryingpan Gully ...	9	
Bay of Biscay	50	
Mosquito...	12	
Middle Creek	80	
		2,371
Dunolly and Tarnagulla Divisions:		
Dunolly	183	
Burnt Creek	65	
Goldsborough	60	
Inkerman...	45	
Moliagul	140	
Bealiba	158	
Murphy's Flat	15	
Jones' Creek	115	
Tarnagulla	158	
Half-way	27	
Llanelly	133	
		1,099
Korong Division:		
Jericho	46	
Jordan's	27	
Berlin	704	
Kingower	91	
McIntyre's	36	
Sinnott's	40	
Burke's Flat	70	
New Inglewood	286	
Thompson's Gully...	80	
Korong	160	
Old Inglewood	25	
Avoca Forest Rush	680	
		2,245
Redbank and St. Arnaud South Subdivisions:		
Stuartmill	35	
Redbank	30	
Gullies between Stuartmill and Redbank	35	
Fowler's Lead	70	
Moonambel	100	
Forest Hut	20	
Sandy Creek	10	
Canterbury	7	
Darling Flat	32	
		339
St. Arnaud North Subdivision:		
New Bendigo	55	
St. Arnaud	116	
Stuartmill	20	
Silver Mines and neighborhood ...	51	
Rostron's and Wattle Flat	16	
Emu	6	
Carried forward	...	10,047

Name of Place.	No.	Total.
Brought forward	...	10,047
St. Arnaud North Subdivision—continued.		
Carapooce	15	
Bell Rock, &c.	15	
Blink Bonnie, &c.	15	
Fishhook	2	
Queen Mary, &c.	6	
		317
Total for Maryborough District ...	...	10,364

CASTLEMAINE DISTRICT.

Castlemaine Division:		
Guildford	167	
Campbell's Creek	116	
Castlemaine	88	
Barker's Creek	166	
Myrtle Creek	58	
Chewton	102	
Golden Point	117	
Bolivia Reef	43	
Caledonian Reef	97	
Eureka Reef	112	
Wattle Gully	114	
Forest Creek	92	
Moonlight Flat	121	
Diamond Gully	97	
Sailor's Gully	115	
		1,605
Fryer's Creek Division:		
Golden Gully and Fryerstown ...	330	
Spring Gully and Specimen Hill ...	210	
Church's Flat to Vaughan	320	
Butcher's and Kangaroo Hills ...	80	
German and Mopoke Gullies ...	136	
Loddon: Vaughan to Pennyweight ...	105	
Table Hill and Tarilta	130	
Guildford Hills	250	
Loddon: Vaughan to Holcombe ...	300	
Nuggety Gully and Irishtown ...	120	
Green and Sailor's Gullies	60	
Pickpocket and Hard Hills	20	
Strathloddon and Hit-or-Miss ...	240	
		2,301
Hepburn Division:		
Dry Diggings Section	105	
Yandoit Section	210	
Boots' Gully Section	105	
Italian Gully Section	140	
Spring Creek Section	122	
Doctor's Gully Section	155	
Brandy-hot Section	60	
Deep Creek Section	156	
Blind Creek Section	80	
Stony Creek Section	150	
Wombat Creek Section	200	
Daylesford Section	450	
Connel's Gully Section	110	
		2,043
Taradale and Kyneton Subdivision:		
Taradale	126	
Taradale South	116	
Yankee Point	20	
Malmsbury	52	
Coliban North	27	
Belltopper	36	
Redesdale	40	
Lauriston	70	
Mudlark	14	
		501
Tarrangower Division:		
Beehive Hill	66	
Eaglehawk and Pegleg Gully ...	294	
Long Gully	75	
Porcupine and Fiddler's Flat ...	65	
Mount Tarrangower	45	
Sandy Creek	80	
Nuggety	54	
Green Valley	62	
Muckleford	30	
Clydesdale	22	
Loddon	55	
Smith's Reef	8	
Captain Gully	4	
Mai-mai	8	
		868
Carried forward	...	7,318

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

Name of Place.	No.	Total.
Brought forward	...	7,318
St. Andrew's Division:		
Anderson's Creek	70	
Long Gully	11	
Fern-tree	6	
Smith's Gully	13	
Yow-yow	15	
Wild-dog	14	
Sailors' Gully	17	
Diamond Creek	40	
Walsh Creek	16	
Warburton	25	
Knobs	7	
Back Creek	16	
Cherry-tree and Watery Gullies ...	10	
Black Calf	16	
Hoddle's Creek	17	
McMahon's Creek	24	
Emerald	13	
Queenstown	24	
Kingstown	20	
Haunted Gully, Berwick	25	
One-tree Hill	20	
Research Gully	7	
Kangerong and Pakenham	6	
		432
Blue Mountain North Subdivision:		
Trentham	10	
Newbury	24	
Garlick's	22	
		56
Total for Castlemaine District		7,806
ARARAT DISTRICT.		
Ararat Division:		
Ararat Proper	210	
Armstrong's	160	
Philip's Flat and Cathcart	135	
Rhymney Reef, Shea's Flat... ...	30	
Opossum Gully and Port Curtis ...	135	
Moyston and Londonderry	32	
		702
Pleasant Creek Division:		
Silver Shilling	23	
Deep Lead, Forty-foot, and Welshman's Flat	250	
Great Western	40	
Stawell	1,085	
Seventy-foot	40	
Germania	50	
Welcome	100	
Darlington	35	
Ironbark	25	
		1,648
Barkly Division:		
Landsborough	145	
Barkly	190	
Frenchman's	20	
Glenpatrick	90	
		445
Raglan Division:		
Beaufort and surrounding Gullies ...	150	
Sailor's Gully	38	
Charlton	90	
Waterloo and tributaries	90	
		368
Total for Ararat District		3,163
GIPPSLAND DISTRICT.		
Omeo Subdivision:		
Livingstone Creek	136	
Mitta-mitta River, from Cobungra to Wombat Creek	39	
Wombat Creek	30	
Gibbo River	45	
Swift's Creek	165	
River Tambo	30	
		445
Carried forward	...	445

Name of Place.	No.	Total.
Brought forward	...	445
Mitchell River and Boggy Creek Subdivisions:		
Nicholson and Tambo Rivers ...	184	
Boggy Creek	160	
Merrijig Creek	40	
Sandy's Creek	66	
		450
Crooked River Division:		
Grant	16	
Wongungarra	14	
Crooked River	50	
Wonangatta	4	
Jungle Creek	24	
Twelve-mile Creek...	18	
Twenty-five-mile Creek	14	
Thirty-mile Creek	12	
Wentworth River	36	
Upper Dargo	50	
Middle Dargo	17	
Lower Dargo	20	
Upper Mitchell	14	
Good Hope	23	
		312
Jericho Division:		
Dry Creek	27	
Loch Fyne and Fern-tree	25	
Defiance Creek	18	
Mount Look Out	16	
Jordau	62	
Red Jacket	60	
B B Creek	45	
Thomson River	20	
		273
Donnelly's Creek Division:		
Store Point and Donnelly's Creek ...	40	
Aberfeldy River	23	
South Crinoline	10	
Edwards' Hill	11	
Granite Creek	3	
Tullamore and North Crinoline ...	9	
Gladstone	11	
		107
Stringer's Creek Division:		
Walhalla	491	
Happy-go-Lucky	16	
Satin Bird Creek	4	
Neillson's Creek	4	
Mount Look Out	88	
Pleiades Ranges	6	
Aberfeldy and Thomson Rivers and Cooper's Creek	71	
		680
Russell's Creek Division:		
Lower Tangil	40	
Upper Tangil and Russell's Creek ...	65	
Crossover and Tarwin River ...	75	
Latrobe River and Pleasant Creek ...	30	
		210
Bendoc Subdivision:		
Bendoc	19	
Bonang	20	
Delegate River	6	
Cobyingbar	24	
Prospecting	4	
		73
Tarwin Subdivision:		
Stockyard Creek and Bennison's Flat	310	
Turton's Creek	65	
Prospecting	15	
		390
Traralgon Subdivision:		
Tyers	4	
Merriman's Creek	4	
Traralgon Creek	2	
Bennett's	4	
Morewell	6	
Haunted Hill	4	
Naracan	5	
		29
Total for Gippsland District		2,969
GRAND TOTAL		50,595

Office of Mines,
Melbourne, 19th January 1874.

R. BROUGH SMYTH,
Secretary for Mines.

MINING SURVEYORS AND REGISTRARS' REPORTS.

BALLARAT MINING DISTRICT.

CENTRAL DIVISION.

Mr. D. Christy, Mining Registrar.

The City of Ballarat Company's mine is one of the most promising for the future of Ballarat, and much depends on its success. The company is now occupied in putting in the permanent pumps, which will be completed in a few days, when the sinking will be resumed. The prospects of this company are very encouraging, as the gutter where work was discontinued from the shaft was very good, averaging over 9 ozs. to the machine, and the width of the gutter over 144 feet. The shaft is now sunk to the depth of 372 feet, and will require to be sunk to over 500 feet before opening out.

The Duchess Quartz Mining Company, Ballarat East, is among the most successful of our new quartz ventures. The first crushing was taken out in June 1873, from the 80-foot level, and yielded 8 dwts. per ton; the shaft was afterwards sunk to a further depth of 30 feet, and another level opened out, from which the yield was over 10 dwts. per ton. Another deeper level, at 140 feet, was opened out, which yielded nearly the same average, but with a larger body of quartz, and therefore pays better. The reef is now proved for a distance of 400 feet north and south.

The quantity of water supplied by the Ballarat and Ballarat East Commission (for mining purposes), during the quarter ending 31st December 1873, was 10,600,000 gallons, at 4d. per 1000 gallons.

Gold obtained from the principal Alluvial Claims for the Quarter ending 31st December 1873.

	oz.	dwt.	gr.		oz.	dwt.	gr.
Band and Albion Consols... ...	1,908	17	0	Golden Reef	660	0	0
Prince of Wales	1,862	14	12	Eastern Star	159	10	12
Bonshaw	675	9	0	Golden Gate	270	10	15
Great Gulf	199	16	6	Nil Desperandum	339	14	0
Leviathan	1,703	14	0	Fiddler and Company	25	10	0
Hand-in-Hand and Band of Hope...	907	5	0	National	70	12	16
Park	795	8	0	Cardigan Consols	216	15	16
Koh-i-noor	937	3	0	Co-operative companies	2,000	0	0
Saints	422	6	0				
Winter's Freehold	1,226	9	0	Total	14,971	15	5
Working Miners	590	0	0				

Dividends.

	£	s.	d.		£	s.	d.
Temperance	1,360	0	0	Endeavour	191	10	0
Golden Gate	850	0	0	Jarvie...	186	0	0
Koh-i-noor	480	0	0	Red, White, and Blue	152	0	0
Eastern Star	470	0	0	Parade...	100	0	0
Black Hill South	300	0	0				
Gregory	300	0	0	Total... ...	4,855	10	0
Black Hill	248	0	0				
Two Ton	218	0	0				

SOUTHERN DIVISION.

Mr. J. F. Coleman, Mining Registrar.

Quartz Mining.

A perceptible change for the better has taken place in mining affairs at Staffordshire Reef during the past quarter. The Hopewell Company are raising some excellent stone from their 120-foot level. The Speedwell Company are also getting some good stone from their 130-foot level. The present aspect of both mines is highly satisfactory. The Hopewell Company No Liability have purchased a complete winding and pumping plant, which they intend to erect forthwith. The New North Staffordshire Reef Company are prospecting.

The Farewell Company.—This is a new claim taken up recently adjoining the Hopewell on the east. They are sinking in very hard standstone mixed with quartz—present depth 64 feet.

Frenchman's.—The Hope Company are in with their tunnel 114 feet; they expect to strike the reef at 150 feet; driving very hard through sandstone, slate, and numerous quartz veins, varying from 1 inch to 12 inches in thickness.

Alluvial.

There is a marked improvement in this branch of mining, more especially at Break-o'-Day. Turner and party and Grant and party are doing exceedingly well; depth of sinking from 20 to 30 feet, 3 feet to 6 feet of washdirt. I have been informed that Grant and party have washed as high as 30 ozs. from 20 loads; ground soft and easily worked.

Rokewood Junction and Bulldog.—Bateman and party are still doing well. Several other parties are making good wages. Sinking from 40 feet to 50 feet through hard cement.

Cape Clear and Pitfield Plains.—A good deal of prospecting is going on. Water for mining purposes is very scarce throughout the district.

BUNINYONG DIVISION.

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

With the exception of the finding of the large nugget weighing 161 ozs. 6 dwts. by the Slow and Sure Company at the Napoleon Lead, there is no new feature of importance to note during the quarter in this division. The average yield of gold is maintained. The want of water is much felt on the shallow workings, especially at Bowen Hill, Buninyong township, the workings on which afford employment to about 150 men at average wages. The Buninyong Estate Company, working at No. 8 shaft, had just proved a payable run of washdirt, when their machinery was so injured by fire as to necessitate the erection of a new plant, delaying mining operations for some weeks.

The following is the yield of alluvial gold from the principal mines in the division, with an estimate of the yield from small parties :—

	oz.	dwt.	gr.		oz.	dwt.	gr.
Perseverance	1,100	0	0	Board of Advice	130	0	0
Charters Towers	20	0	0	Bowen Hill	720	0	0
Bishop's Tribute	330	1	19	Kitty's Lead	100	0	0
Devonshire	127	10	0	All other sources	1,000	0	0
Slow and Sure	350	0	0				
Hard Hills Tunnel... ...	50	0	0		4,020	4	7
Hopeful...	92	12	12				

In quartz mining the average yield per ton is 2 dwts. 14·53 grs., yielding a total of 520 ozs. 2 dwts., which, added to the estimated yield from alluvial, gives for the quarter a total of 4540 ozs. 6 dwts. 7 grs.

SMYTHESDALE DIVISION.

Mr. John Lynch, Mining Surveyor and Registrar.

There has been scarcely anything of an unwonted or noticeable character in the affairs of the district during the past quarter. A fair average yield of gold has been obtained, which proves the abiding character of the resources of the division. At Haddon the Reform claim is paying regular dividends, and is with reason expected to improve ; so also are the Trunk Lead and Racecourse Companies in the same locality. These claims have been getting gold for a considerable time back, but owing to difficulties, often encountered in opening up new ground, progress has not been so marked as was anticipated ; but no doubt time and patience will overcome all these difficulties, and place these claims on a reproductive basis. The Eldorado, at Smythesdale, is giving excellent returns, from which regular dividends are made. The mines at Scarsdale, although fallen far short of what they were, are yet paying well, and likely to hold out for a long time to come. Reef washes along the main lead, which were passed by unnoticed or disregarded in past times, are now not the least efficient aids in maintaining the prosperity of the district. Towards the southern extremity of the district things are as quiescent as ever; there is, however, an endeavour about to be made to resuscitate operations in the Main Lead Consols, originally the ground occupied by the Cape Clear Company. Mining matters are brisker than usual at Linton, owing perhaps to a fresh discovery of good ground in the Morey Freehold claim, and more hopeful developments in the Argyle, Camerons, and Anderson's Freehold. An attempt to explore deep ground ahead of the Carngham Leads within the township has been made, but as yet with no marked degree of success. The quartz lode referred to in my previous report as having been discovered at Derwent Jack's, is said to be of a promising character; but outside this there is nothing very encouraging to be recorded in connection with quartz mining. Sluicing operations around Smythesdale, in the hands of Bodin's and Watson's parties, have been attended with profitable results, but owing to the intermittent nature of the water supply here, this branch of mining cannot be improved to the extent which it would be, had a constant supply been available.

The yields of the principal mines are as follow :—

	oz.	dwt.		oz.	dwt.
Reform...	2,189	6	Bute	446	6
Golden Lake	1,257	5	Try Again	257	18
Eldorado	1,029	0	Haddon	284	0
Trunk Lead	905	0	Racecourse	250	0
Golden Stream	880	0	Little Stream	233	8
Grand Trunk	824	0			

CRESWICK DIVISION.

Mr. James Stevenson, Mining Surveyor and Registrar.

Owing to the strike at Clunes, in respect of the Lothair Company, being still continued, no quartz has been crushed by that company, and in consequence of the diminished quantity of quartz treated, the yield of gold from this source has decreased considerably, although the average yield is about 10 grs. per ton better.

The yield of alluvial gold obtained at the Springhill mines has increased. They are giving excellent yields, and the number of the gold-producing claims will soon be increased ; at present the scarcity of water for washing purposes is the only drawback. Owing to the dry season coming in so suddenly, much of the ground sluiced through the winter still remains not washed up. The yield from the principal alluvial claims shows 6710 ozs. 15 dwts. 9 grs., whilst the statement of purchased gold shows 7448 ozs. 15 dwts. 2 grs. only, from which I am certain that a considerable quantity of gold obtained in the district is sold in Ballarat, as the difference is insufficient to be the produce of all the small parties of miners scattered about in it.

GORDON SUBDIVISION.

Mr. Thomas Cowan, Mining Surveyor and Registrar.

Alluvial Mining.

The only mining of any importance in this branch is the prospecting of the Kerrit Bareet Company, mentioned in my last report, who have purchased a 10 horse-power portable engine in order to test the auriferous nature of the ground in Parker's Gully, Gordon.

Quartz Mining.

The Egerton Company have raised and crushed during the quarter 4341 tons of stone, but from reasons best known to themselves, the yield of gold has not been furnished. I believe that during the quarter the mine has changed hands. The stone was obtained from the 375 to the 550-foot level, and from a reef averaging in width from 1 to 20 feet.

The Black Horse Company have been prospecting from the Nos. 5 and 6 levels at a depth of 560 to 660 feet, north of the main shaft, but have been unsuccessful in finding quartz of a payable nature. Stoping has been carried on between Nos. 5 and 6 levels, but the average yield of gold per ton is not payable, considering the difficult nature of obtaining it, the gold apparently being patchy. The capital being all called up, active operations at the mine have been stopped (except pumping), pending the re-organization of the company. During the quarter there has been the usual amount of driving and prospecting at the deepest level, 826 feet, from which there is a large flow of water, keeping the pumping machinery constantly at work. A body of stone has been reached, but not yet cut into, consequently the nature of it cannot be ascertained.

South Learmonth and Egerton Amalgamated Company have been engaged in sinking their shaft to a further depth of 320 feet. They have driven 70 feet for the quarter from the 310-foot level. At a distance of 20 feet from the shaft, a reef was struck 9 feet in width, but no test was made, so that its auriferous nature cannnot be ascertained. The company has suspended operations pending the erection of machinery.

Parker's Extended Company, Gordon, have been stoping quartz from the 100 to the 70-foot level from a reef averaging 3 to 2 feet in width. This reef seems to have been the top of a shoot of stone, as it has completely pinched out at the 70-foot level.

North Parker's Company, Gordon, have crushed 500 tons of stone from the 60-foot level, from which they obtained 76 ozs. of gold. The reef averages in width about 4 feet, 2 of which have been taken.

Kangaroo Bob Company, Gordon, are at present engaged in prospecting, but nothing of any importance has yet been discovered.

No mining of any importance has been carried on at the Moorabool during the quarter, only four men having been engaged in prospecting.

STEIGLITZ SUBDIVISION.

Mr. O. W. Collins, Mining Registrar.

During the past quarter mining matters have been in a very depressed state on Steiglitz.

A vein of fair size and rich in places has been found a short distance south from the old Copenhagen Reef, of which it may be a continuation. A trial crushing of 12 tons of stone returned 31 ozs. of gold.

On Elaine the yields from the stone raised by the Minerva Company and the Lindsay Company have had a beneficial effect on quartz mining in that locality.

Recently, alluvial ground has been discovered south of land lately leased by R. Ditchburn, and it is believed that a lead has been found likely to give good returns. The shaft from which a prospect of 1½ oz. gold to three-quarters of a load of washdirt has been obtained, after having been sunk through 12 feet of basalt, was bottomed at 70 feet on dry shingly gravel about 4 feet thick. A drive has been put in of over 140 feet before obtaining the above prospect. The depth is now about 100 feet and the ground dipping considerably.

At Little Forest the mines are not looking as well as was expected.

BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.

Mr. John F. Hansen, Mining Registrar.

Quartz Mining.

This branch of mining is still improving, and although the leading attraction for the outside public is as yet confined to the Barry's Reef line of reefs, it is evident from the very remunerative returns made by small co-operative companies on some of the other lines of reef that this district will eventually rank as one of the best paying in the colony. A considerable time, however, is likely to elapse before this is the case unless capital flows into it, and is more judiciously laid out than it was at the time of the last rush, five years ago. A large amount of money was at that time expended without obtaining the slightest results. The late Clunes and Blackwood Company, on the Yankee line of reef, was a notable instance in point. The company erected some of the finest machinery (since removed) that was ever put up here, without testing their ground as they ought to have done, in consequence of which a collapse supervened, a result which might have been obviated if the claim had been systematically and sufficiently prospected. In proof of this a portion of the same area held by that company has lately been taken up by a party of co-operative miners, consisting of six shareholders, who have succeeded in striking a fine gold-bearing reef, from which they recently had two crushings of upwards of 100 tons of stone each time, with an average yield of 1 oz. of gold per ton.

Most of the new companies at Barry's Reef are occupied in sinking shafts. The Sultan Company have put in cross-drives from their 500-foot level. A new engine and twenty-head battery has been purchased, and when the erection of the same has been completed, a much larger quantity of quartz will be crushed, and the amount of dividends will, it is presumed, be augmented. Dividends to the amount of £5000 have been paid by this company during the quarter.

The Albion Company, on the Hit-or-Miss line of reef, have portion of their machinery on the ground, and from the prospects of the mine, the shareholders are sanguine of good returns as soon as crushing operations can be proceeded with.

The batteries on Simmons' Reef, which are driven by water-power, have been at a standstill for the last few weeks on account of the scarcity of water, and should the weather continue as it is at present, nothing further in the way of crushing will be done during the remainder of the summer. The Cornish Company, consisting of five co-operative shareholders, have been very fortunate; their dividends, after clearing all working expenses, amount to over £20 per week each shareholder for the quarter.

The few companies who resumed work at Blakeville during the last quarter have again suspended operations—the Undaunted Company being the only company who are at work in that locality.

Alluvial Mining.

No change has taken place in this branch of mining, and no new discoveries have taken place.

Water.—Average quantity of water sold:—Seven sluice-heads; price per sluice-head, 15s. per week.

BALLAN SUBDIVISION.

Mr. G. P. Black, Mining Registrar.

Mining in this subdivision during the past quarter has been very dull indeed. Those who chiefly interest themselves in it have directed their energies and means to Blackwood.

The Ballan Company, Blakeville, opened out to the west for the Undaunted Reef, and after driving 50 feet cut a vein 2 inches wide, which is supposed to be the Undaunted Reef. No doubt they have opened out at too shallow a depth—100 feet. At present the claim is held under protective registration.

The only claim at present at work is Ashton's; during the quarter 100 tons of quartz was put through the battery, which yielded 65 ozs. retorted gold.

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.

Mr. Alexander Alderdice, Mining Registrar.

The gold returns for this quarter show a considerable increase on the previous one. This is accounted for by the fact that several of the sluicing claims (which are only "washed up" yearly) have contributed their washings to the returns. The season on the whole has been favorable to sluicing operations—but the late hot weather has begun to tell on the water supply.

The Homeward-bound Reef, Rocky Point, which had lain so long idle, was taken up some time back by Messrs. Bigelow and Co., and they had hardly got the rubbish cleared away in the tunnel before a splendid reef was discovered with a good show of gold. A crushing of 250 tons gave a return of 2 ozs. 7 dwts. 8 grs. per ton. The reef has been sunk on to a depth of about 30 feet below the old level, and the stone looks quite as good as that crushed. It is the deepest mine in this division, and the results obtained has caused some more of our abandoned reefs to be tried again.

The Nil Desperandum Reef (Prince of Wales line) Myrtleford, has had a crushing which gave 1½ oz. per ton. The owners have got out a large quantity of stone which looks as well as that crushed.

The Waterloo Reef has again changed hands, and the new proprietors are sanguine of making it pay, although, the last stone got out only went 4 dwts. per ton.

The reefs at Hurdle Flat still keep up their reputation; a small crushing from the Rechabite gave over 3 ozs. 6 dwts. per ton.

YACKANDANDAH DIVISION.

Mr. Peter Wright, Mining Surveyor and Registrar.

There is as usual here now nothing special to report for the past quarter; there have been no new discoveries in either quartz or alluvium.

The alluvial miners are very fairly supplied with water and are working full time; the ground worked is poor, and it is only by steady work that the miners can earn current wages.

The quartz miners are much as they were last quarter. Owing to the absence of the manager of the Homeward-bound Company I have been unable to get information about that company's operations, and it is the principal one in the division. James Magill is still driving with three shifts in his Von Moltke tunnel, and expects to reach the reef in about a month.

The Polar Star Company, having driven to where the reef was expected, stopped for about a month, but at a meeting recently held it was determined to go on, and fresh tenders have been called for. If this company meets with even moderate success, it will probably be the precursor of a number more similar companies.

INDIGO DIVISION.

Mr. R. Arrowsmith, Mining Surveyor and Registrar.

As usual, there is no improvement to report on quartz mining; good patches continue to be found at shallow depths, but no attempts are made to test the quality of the stone at lower levels. Miners remark the country is too hard to work, and the quality of the stone does not justify any expenditure of labor beyond when it actually ceases to be payable. Unless more energy and capital is brought to bear, it would appear the numerous reefs intersecting the ranges must remain untried.

The Sons and Doma Consols Company's claim, Chiltern Lead, continues to be worked, but not with very profitable results.

The claim of the Caledonian and Durham Gold Mining Company is paying very handsome dividends, with every prospect of a continuance.

Blocking out has not yet been commenced on the claim of the Glencoe Junction Gold Mining Company at Rutherglen.

The scarcity of water is now much felt, more especially by the Chinese, who depend on their supply from small dams on the dry leads, specially constructed to conserve water for washing the débris of the old workings.

BUCKLAND DIVISION.

Mr. Lewis C. Kinchela, Mining Registrar.

The returns herewith fully prove the quarter just ended to have been the most successful in quartz mining which has been known here for some years past, and so far as appearances can be relied upon, I believe the prosperous condition of quartz mining on Growler's Creek is likely to continue for many quarters to come.

On the Buckland a great depression in all branches of mining is to be noted, and although the small quantity of quartz (500 tons) raised in that portion of this division averages very highly (about 1 oz. 14 dwts. per ton), yet the number of residents is gradually diminishing, and unless some payable reefs are shortly opened, it is to be feared that a further decrease in the mining population is sure to ensue.

For a period of nearly four years there was no discovery in reefing upon Morse's or Growler's Creeks worth noting, and quartz mining there was almost as depressed as it is now on the Buckland, prospecting even being nearly abandoned. However, one or two fortunate discoveries gave a fresh impetus, which resulted in the opening up and working of some valuable and permanent reefs—the London, Hillsborough, English and Welsh, Salisbury, Sanden, Queen of the South, &c., while in addition, at the present time, over fifty men are engaged in prospecting the neighboring ranges.

Consequent upon a Chinese party having struck a payable run of gold in some purchased land near Freeburgh, about fifty sluicing claims were taken up in that neighborhood. I believe the party of Chinese referred to have realized as high as £8 per man per week. However, as a rule, alluvial mining pays badly in this division, the average earnings of our sluicers and Chinese cradlers not being over 15s. per week, thus contrasting strongly with the earnings of our quartz miners, who, from 12,946 tons of quartz raised within the quarter, obtained 7507 ozs. of gold, or a gross average of over £5 per man per week.

Memo. of Water sold in Buckland Mining Division during the Quarter:—Sluice-heads, 24; price from 2s. 6d. to 12s. 6d. per head per week; average, 10s.

N.B.—In some cases a percentage of the week's gross receipts is accepted.

ALEXANDRA SUBDIVISION.

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

ALLUVIAL MINING.

During the past quarter the returns obtained from the Working Miners Lead have been small; the only claim producing gold, viz., the New Gobur Company, have been engaged over two months in sinking their shaft to a greater depth. The return herewith shows a product of only three weeks' work in washdirt; the mine has not yet reached the position of being worked to advantage, and a limited number of men only are engaged in blocking out. The returns for next quarter are likely to show a material increase.

The contractors for sinking the shaft in the Triumph Company's ground on the same lead were unable to complete their contract from excess of water; they therefore abandoned it. The company have since erected a donkey-engine on the claim, let a new contract, and have succeeded in bottoming the shaft at a depth of 104 feet. Not being on wash, and finding the ground dipping, the shaft is being sunk to a depth of 140 feet, from which it is their intention to drive in the direction of the dip; the depth at present obtained is 120 feet.

The Victory Company have been engaged in negociating the purchase of machinery, which they have completed; it is now being delivered on the ground, and is expected to be erected complete in about two months.

Royal Standard Lead.—This lead has been entirely abandoned (about one month ago), the run of gold having been worked out, and the want of means preventing further prospecting being done by them.

There is nothing new to report in the shallow alluvial workings.

QUARTZ MINING.

Quartz mining still continues in a depressed state. The Tribute Company, on the Mysterious Reef, have during the quarter been chiefly engaged in draining the mine, which has entailed considerable time and expense; the stone worked during the quarter has been in the upper levels. They have only succeeded in draining the lower level during the last month, where it is expected that better returns will be obtained.

There has been no water disposed of for mining purposes in this subdivision during the quarter.

DRY CREEK SUBDIVISION.

Mr. Robert Pemberton, Mining Registrar.

Mining in this division continues about the same as when I sent in my last returns, nothing fresh having occurred. It is impossible to give a return from the different claims in my division, as the majority of the miners being Chinese they are not at all disposed to give information about the yields from their claims; in fact, were they willing to tender any information, it could not be relied on, because they would only give such as suited their own purpose.

GAFFNEY'S CREEK SUBDIVISION.

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

The mining prosperity of this subdivision has somewhat receded during the past quarter so far as the yields are an indication thereof; but on the other hand two mines formerly contributing largely to the general return promise again to come to the fore. I refer to the Aladdin and Eldorado, now called the Royal. The company working the first mentioned do not appear as yet completely organized, but have had a most encouraging trial crushing out of the shaft known as the Aladdin No. 2 shaft, which yielded, for a little over 2 tons, 8 ozs. 2 dwts. of retorted gold. They are now driving a tunnel into the said shaft and are preparing to remove machinery, &c., to Gaffney's Creek. In the Royal, Mr. G. Aarons has struck a defined vein running through the soft diorite and has obtained some very rich specimens; a trial crushing is now being raised from the mine. The Victoria tributers have struck a good payable patch, and are, I believe, making something like £4 10s. to £5 a man per week.

The A 1 Gold Mining Company and the Gaffney's Creek tributers have stopped work for the present, and as water is likely to be scarce for the next three months, quartz mining will become dull; nevertheless the prospects of this subdivision are on the whole cheering.

In alluvial mining some excellent yields have been obtained, notably by Sheehan and Jacobson, who washed up a paddock 55 ft. x 30 ft., yielding 143 ozs. The surface soil was in this instance 73 feet deep, and the yield represents two men's work for four months. The average earnings of alluvial miners for the quarter is about £2 per week. There has been no water sold.

WOOD'S POINT SUBDIVISION.

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

The extraordinary yield for this quarter is directly due to the discovery of the new lode in the Hope mine, referred to in my last report, from which vein the larger part of the total yield for the quarter has been taken. This company have still a considerable portion of the lode to work, which, in the adjoining claim, Nos. 1 and 2 North Morning Star, was struck by the tributers early in the quarter, and gave them the handsome yield of 230 ozs. for their first crushing; the reef reaches occasionally 4 feet in thickness, and the average yield, so far as tested from crushings exceeding 1200 tons, is above, say, 15 dwts. The tribute manager of the Alps Great Central mine asserts that he also is on this reef, and he is now about to crush from it. I have not had an opportunity of ascertaining the correctness, or otherwise, of Mr. Bailey's statement; doubtless the result of his crushing will throw some light on the matter. It is of the greatest importance to this township that as many claims as possible should trace this valuable lode through their ground, so that this unexpected flow of prosperity may afford us permanent assistance in retrieving our position as a quartz mining district. The outside district shows a falling off proportionate almost to our present success here. The mines at the Royal Standard are all but abandoned, the number of miners being reduced to three. The All Nations tributers have not as yet met with any success, and the new tribute party in the Prince of Wales ground have not raised a crushing to date. The Waverley Reef, however, has given unusually high and very remunerative yields, of an average of nearly 5 dwts. to the Telegraph Company, and men have once more been put on the Express ground. As a consequence of the satisfactory yields within our township boundaries, business generally bears a more healthy complexion, and a little prospecting is going on which, in the instance of one Thomas Iresides, has eventuated in the discovery of an auriferous granite dyke, not hitherto prospected, and the value of which it will take some time to ascertain. I have not yet seen it. In alluvial, the yields have not been unsatisfactory, and several parties down the Goulburn have obtained fair yields. No water has been sold in this subdivision during the past quarter.

BIG RIVER SUBDIVISION.

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

Matters in this subdivision have not improved during the past quarter. Four mines only are at work. The tributers in the Londonderry Company's mine and those holding the Luck's-all have obtained payable results and no more.

Six men are at work on the old unknown ground and are getting out 20 to 30 tons of fine stone for a trial crushing. Antimony is being obtained in small but payable quantities at Specimen Creek, by Messrs. Longley and party.

The population has diminished to some extent, but the unusually severe summer will, I think, cause the return of a number of alluvial miners prepared to work the bed of the Big River.

The alluvial miners have averaged about 22s. 6d. a week during the quarter. No water is being sold in this subdivision.

MITTA MITTA DIVISION.

Mr. W. H. Cochrane, Mining Registrar.

Nothing particularly noteworthy has occurred this quarter. The miners are averaging fair wages; the supply of water has been abundant, and the yield of gold is about the usual average. The water races are nearly all in the hands of the claimholders. The rental for water is about £12 for this quarter.

Koetong tinfield continues in a very depressed state. The population has decreased this last quarter; the small number of miners remaining are earning small wages.

JAMIESON SUBDIVISION.

Mr. W. H. Edwards, Mining Registrar.

The decrease of gold from the Gleeson's Lease claim is due to the fact that all hands have been discharged until the low-level tunnel and tramroad in connection with it is finished, when the mine will be able to be worked at a much greater advantage.

The Venture Company, as seen by the tabulated statement, still continues to give very good returns.

The Mack's Creek Company.—The contractors, after having driven 532 feet, struck a gold-bearing reef about 22 inches wide. Very good prospects having been obtained, the company intend to take out a trial crushing.

The Just-in-Time claim has been again taken up and a small lot of stone crushed. The owners are still prospecting the claim.

The Queen of the Alps are raising stone, but have not crushed during the past quarter.

The Alabama Company's tunnel is now in about 150 feet, the ground being very hard.

The Sailor Bill's Company, adjoining Gleeson's Lease Company, have made arrangements so as to be enabled to work the claim through Gleeson's No. 4 level, until their low-level tunnel is completed, which is now in 583 feet.

The Lyre-Bird Company had a trial crushing of 19 tons 10 cwt., but owing to the distance of machinery it has not proved payable.

The Poverty.—The returns from this claim have not equalled expectations; the shareholders are still taking out stone, which is looking better.

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.

Mr. N. G. Stephens, Mining Registrar.

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.	Tons.	Total Yield of Gold.	Average Yield per Ton.	Depth at which the Quartz was obtained.	Original Water-level.	Width of Reef, &c.
			oz. dwt. gr.	oz. dwt. gr.		feet.	
Garden Gully Tribute No. 2	Garden Gully Reef ..	1,300	6,161 17 0	4 14 19·14	..	..	
Garden Gully Tribute No. 3	Garden Gully Reef ..	1,607	11,469 12 0	7 2 17·89	..	..	
Garden Gully Tribute No. 4	Garden Gully Reef ..	356	1,042 3 0	2 18 13·14	300 feet	..	
Carlisle	Garden Gully Reef ..	889	975 8 18	1 1 22·67	408 feet	140	22 inches
Garden Gully Freehold ..	Garden Gully Reef ..	1,763	935 3 6	0 10 14·61	280 and 317 feet ..	70	5 to 6 feet
Rainbow Tribute ..	Garden Gully Reef ..	189	108 5 0	0 11 10·92	..	..	
South Garden Gully Tribute	Garden Gully Reef ..	786	260 0 0	0 6 14·77	305 feet	..	4 to 10 feet
North Garden Gully ..	Garden Gully Reef ..	752	2,115 17 0	2 16 6·54	420 feet	..	1 to 4 feet
Pass-by	Garden Gully Reef ..	104	240 1 6	1 10 0·18	360 to 430 feet ..	..	18 inches to 4 feet 6 inches
Koch's Pioneer	Garden Gully Reef ..	1,302	305 5 0	0 4 16·53	350 feet	47	6 feet
Colorado Tribute ..	Johnson's Reef ..	384	323 8 0	0 16 20·25	375 feet	90	Average 18 inches. Depth of shaft 423 feet
Johnson's Reef	Johnson's Reef ..	3,205	1,528 17 0	0 9 12·96	400 feet	..	From 6 in. to 25 ft., including spurs
North Johnson's	Johnson's Reef ..	460	347 16 0	0 15 2·92	487 feet	..	From 4 to 10 feet; shaft 547 feet; new winding engine
Royal Hustler's	Hustler's Reef ..	1,215	577 0 0	0 9 11·95	300 feet	180	From 1 to 3 feet
Hustler's Reef	Hustler's Reef ..	602	803 18 0	1 6 16·98	665 feet	70	About 1 foot
Victoria Reef G. M. ..	Victoria Reef ..	2,603	1,111 4 0	0 8 12·90	330 to 480 feet ..	..	
Victoria Q. M.	Victoria Reef ..	687	1,611 6 18	2 6 21·82	600 feet ..	500	Average 4 feet
Old-chum	New-chum Reef ..	612	411 14 0	0 13 10·90	622 feet	..	3 to 5 feet
North Old-chum	New-chum Reef ..	1,671	2,393 8 4	1 8 15·51	460 and 620 feet ..	..	About 10 feet; large reef showing gold below; shaft 670 feet
Rourke and Henderson ..	New-chum Reef ..	723	1,373 3 10	1 17 23·63	280 feet	70	From 1 to 6 feet
Arcadian	West Carshalton Reef	1,422	560 2 0	0 7 21·06	250 feet	160	About 3 feet
Hansel Monday Tribute ..	West Carshalton Reef	1,409	1,665 7 0	1 2 5·26	..	..	About 40 feet, with blocks of mullock intermixed
North Whip	Whip Reef	944	462 15 0	0 9 19·29	264 to 290 feet ..	100	60 feet from wall to wall
Sawers and Walker's Freehold	Bird's Reef	987	652 9 0	0 13 5·30	95 to 110 feet ..	..	3 to 10 feet
Bendigo and Melbourne ..	Bird's Reef	835	170 9 0	0 4 1·98	160 to 200 feet ..	50	From 12 to 20 feet
South Catherine ..	Catherine Reef ..	348	490 15 0	1 8 4·89	370 to 467 feet ..	180	Mass of spurs, 2 feet
Saxby No. 1 Tribute ..	St. Mungo Reef ..	62	312 2 0	5 0 16·25	370 feet	120	Spurs 8 inches
Albion United	Bird's Reef ..	409	228 14 0	0 11 4·40	90 feet	50	12 to 20 feet
Austerlitz	Napoleon Reef ..	400	225 9 0	0 11 6·54	290 feet	..	3 to 8 feet
Wilson's Reef	Marong	1,551	524 16 18	0 6 18·42	160 and 330 feet ..	220	From 2 to 9 feet
Golden Fleece	Stafford Reef ..	4,792	3,321 8 0	0 13 20·69	100 to 460 feet ..	..	From 1 to 20 feet; shaft 560 feet; crosscutting for reef
Pyrites.							
Garden Gully Freehold ..	Garden Gully Reef ..	30	100 3 0	3 6 18·40	} Treated by means of reverberatory furnace, &c.		
North Garden Gully ..	Garden Gully Reef ..	76	217 0 0	2 17 2·52			
Abe Lincoln	New-chum Reef ..	30	100 0 0	3 6 16			
Arcadian	West Carshalton Reef	12	20 10 0	1 14 4			
South Catherine	Catherine Reef ..	4	24 0 0	6 0 0			
Bendigo and Melbourne ..	Bird's Reef ..	3	5 13 0	1 17 16			
Victoria G. M.	Victoria Reef ..	38	64 10 0	1 13 22·73			
Great Hustler's	Hustler's Reef ..	214	119 18 0	0 11 4·93			
Johnson's Reef	Johnson's Reef ..	129	116 2 0	0 18 0			
Johnson's Reef	Johnson's Reef ..	285	104 7 0	0 7 7·74	Re-crushed		

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.

I am never able to obtain anything like complete returns at the end of the year, but what I have forwarded for this quarter are very satisfactory.

Enquiries respecting unworked ground, and applications by working parties for forfeited leases and abandoned claims, have increased considerably. This fact, considering the depressed state of the share market, is significant, as showing that the ground is not taken up for speculative purposes.

In the eastern part of the division a payable reef has been found at Mosquito Creek. In the west, there has been a revival on the Sunday Morning Reef at Marong, and in the north miners speak well of Kamarooka, whilst the Golden Fleece Company, at the southern end of the Stafford Reef, have been doing very well. They have forty head of stampers working on their own stone, and a prospect of a long continuance of success. This gives confidence to other claimholders in that part of the district.

Firewood is getting scarcer and dearer. With a view to economy, a few companies have recently affixed condensers to their engines, and the result in every case has been a saving of about 25 per cent. in consumption of firewood; but nine out of ten of the engines in Sandhurst are now without condensers.

The rainfall for the quarter is 3·43 inches.

The quantity of water sold during the quarter is 16,166 gallons daily, at 4d. per 1000 gallons.

KILMORE DIVISION.

Mr. James W. Osborn, Mining Registrar.

There is nothing to report of in the division. Some new claims have been marked out during the past quarter, but no crushings have yet been had.

No cement crushing or puddling.

No water sold in this division.

HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.

Mr. J. T. Strong, Mining Surveyor and Registrar.

Dullness continues to characterize mining operations in my division and subdivision. The number of alluvial miners at the "One Eye" rush still continues to diminish.

Quartz mining during the quarter presents no features worth recording, except perhaps a crushing by Hall and Marchesi of some quartz obtained by them from ground lately taken up at the head of Long Gully.

Great complaints are made by the miners of the scarcity of water just now, the deficiency of which may to some extent retard mining operations.

WARANGA NORTH SUBDIVISION.

Mr. Charles J. W. Russell, Mining Registrar.

Alluvial mining in this district has become very depressed. The alluvial mining is almost at a standstill. Great numbers of the miners are away harvesting. Others have permanently taken to farming. The gullies in all directions are abandoned, and the flats are equally deserted, even by the Chinamen.

The quartz interest is generally more successful, and receives the principal attention. Though the large companies have not hitherto proved successful, small companies working under miners' rights have sprung up; and by them gold in paying quantities has been obtained. The neighborhood of White Hills has been the most productive. One of the claims there has proved excellent. The mining industry at White Hills was for several years abandoned, but during the last twelve months has revived there with much activity.

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.

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

The Band of Hope Company have been compelled to stop working their mine, in consequence of the unusually heavy flow of water, against which they have had to contend for some considerable time. The stoppage of this mine after a long career of singular prosperity has been very serious, as a large number of men were depending upon it for employment and support. I regret also to state that since the stoppage of this mine the pent-up water it contains is now surely finding its way into the neighboring deep claims, and I am convinced that unless some successful means are immediately employed to cope with this formidable enemy, the most of the claims in question will be forced to submit at least to a temporary collapse. But I am credibly informed that the splendid steam engine of the Duke and Timor Company will begin the work of pumping their mine some time during January next, and should nothing occur to mar its operations, there can be but little doubt that it will have the effect of thoroughly draining the ground of all the surrounding mines.

The Lord Clyde Company, after a protracted and gallant struggle, have also had to succumb, for reasons precisely the same as those which caused the Band of Hope Company to succumb. Should this mine be worked at any future time, it will require to be worked by much more extensive and powerful machinery than that at present on the ground. I hear that it is in contemplation to form a large and wealthy company, for the purpose of procuring such machinery, and taking over all present interests in the mine.

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

	oz.	dwt.	gr.
Band of Hope, Chinaman's Flat	972	8	21
John Bright, Chinaman's Flat	804	14	0
Alma Consols, Alma	1,926	0	0
Queen, Alma	889	3	0
Count Bismarck, Alma	372	2	0
Seaham, Alma	1,616	17	0
Gladstone, Alma	536	0	0
Lord Clyde, Havelock	15	0	0
Total	7,132	4	21

Dividends as under have been paid during the quarter by the companies named:—

	£	s.	d.
Band of Hope	1,050	0	0
Alma Consols	3,300	0	0
John Bright	600	0	0
Queen	300	0	0
Seaham	1,950	0	0
Total	£7,200	0	0

MAJORCA SUBDIVISION.

Mr. John M. Murphy, Mining Registrar.

I have the honor to report that mining has been in a very depressed state in this division during the past quarter. The Kong Meng and Columbia Tribute Company, on the Hanoverian Lead, had to suspend operations, owing to an accident to the pumps. This has been an unfortunate occurrence, as the Reliance Tribute Company, to the north of them, cannot commence operations, their machinery not being sufficiently powerful to cope with the water pending the suspension of the Kong Meng Company. During the quarter the Reliance Tribute Company have completed the erection of their new boiler, and are now quite ready to commence work. The Minorca Company (registered) are sinking a prospecting shaft for a new lead westward of the Majorca Old Lead, and are very sanguine of success. The shaft is down about 70 feet. The Perseverance Company (co-operative) have obtained very good returns from Martell's Paddock, Cockatoo. The Greenock Park Tribute Company, Rocky Flat, have had fair yields during the quarter; but the other claims on the lead have not been so fortunate. Nothing to report on quartz mining. Deed Brothers had but one crushing of 20 tons during the quarter.

AMHERST DIVISION.

Mr. Joseph Smith, Mining Surveyor and Registrar.

There is a slight increase upon the quantity of gold obtained during the last quarter.

In quartz mining, the Prince of Wales Reef shows good average returns. The yield from Laura Reef is now up to a good payable standard, when the great thickness of the lode (30 feet) is taken into account.

The reefs at Brown's Gully, near Lexton, show gold in payable quantities, but the claimholders have not yet been able to make arrangements for the erection of a crushing plant. They have about 500 tons of quartz at grass.

In alluvial mining, the Hoffnung claim gives very profitable returns for the quantity of washdirt raised from the mine; and the tributers for the Prince of Wales, Cockatoo, have a good average yield; but the Union Company, Mount Greenock, having lost their level, have been under the necessity of working poorer ground until they have a new main drive completed.

The various sluicing and puddling parties throughout the division obtain good average results.

Income derived from Water for the Quarter.

Five sluicing parties (at two sluice-heads each), at 40s. per week for each party—12 heads	£120
Four puddling machines (at one sluice-head each), at 20s. per week for each party—12 weeks	48
Total	£168

The reservoir and races belonging to Messrs. Stewart and Farnsworth stand the same as in my former returns.

AVOCA SUBDIVISION.

Mr. P. Simpson, Mining Surveyor and Registrar.

I regret to report that work has been completely stopped at the Melbourne and Avoca Company's claim, Avoca Lead; but I think this will only be temporary, as great confidence is placed in this mine, as one that must eventually prove a great success.

The Band and Lake Company, Homebush, are applying for a reduced area over their leased ground, peparatory to renewing work.

The Homebush Company are removing their machinery to the new site of main shaft.

At Trevithick's claim, Avoca Lead, work is suspended through influx of water, owing to the stopping of the Melbourne and Avoca claim.

The rush at No. 2 Creek continues about the same. A lead is being traced down into wet ground. Average yield, 4 dwts.

A small rush has taken place to the head of Middle Creek, near Frenchman's Gap. Depth of sinking from 20 feet to 50 feet. Yield from 2 to 5 dwts.

Another rush has taken place south of and near the lowest part of No. 1 Creek. Depth in the prospector's claim 12 feet to 15 feet. Yield 7 dwts.

Quartz Mining.

At the Perseverance Reef they are still engaged in tunnelling.

At the Monte Christo Reef the crushing machinery is nearly completed.

At Barnes, Plumb Reef, machinery is also being erected.

The Avoca and Pyrenees Company's mill is all but completed.

A promising reef, called the Surprise, has been discovered during the quarter.

Vale's Reef has been taken up on lease, and there is every probability of this well-known reef being systematically worked.

No water sold for mining purposes during the quarter.

DUNOLLY AND TARNAGULLA DIVISIONS.

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

Dunolly Division.

Mining in general has been exceedingly dull during the quarter, and there are at present no signs of an immediate revival.

Bealiba Reef.—The Goldsborough Company have discontinued crosscutting at the 380-foot level, not having met with any stone of a payable nature. They intend to sink the shaft deeper so soon as they procure additional plunger workings. Queen's Birthday Company are putting in a crosscut for the main reef at a depth of 400 feet, and are breaking out stone from the stopes at the 335-foot level. They have crushed during the quarter 1275 tons of stone, which yielded 562 ozs. 18 dwts. of gold.

Queen's Reef.—The Queen's Reef Company, Moliagul, have sunk their shaft to a depth of 200 feet, and driven a crosscut at that depth 110 feet, and found the supposed course of the reef. The country at that level is much broken up, the first block of stone having cut out; they therefore intend to sink a further depth of about 70 feet, with a view of cutting the second block.

Bet-bet Reef.—The Bet-bet Company have twelve men at work on the western reef breaking out stone, which carries gold in payable quantities.

Advance Bealiba Reef.—Goodman and Co. have crushed 45 tons of stone from the 150-foot level, for a yield of 31 ozs. 14 dwts.

In alluvial mining there is nothing of importance to note. The Prince of Wales Company, at Pottery Hill, are erecting steam machinery, and when that is completed will sink the shaft. On the Dunolly Old Lead a nugget weighing 50 ozs. has been obtained from the old workings.

Tarnagulla Division.

In this division there is nothing of importance to note, most of the mining carried on during the quarter being of a progressive nature.

Poverty Reef.—The United Poverty Company have been driving on the reef at the 465-foot level, but the stone not having proved payable, have discontinued after driving on it 274 feet north. The reef was well defined, and averaged about 8 feet in width. Preparations are now being made to sink the shaft (which is now 540 feet) deeper. The Prince of Wales Company are also making preparations to sink deeper.

New Chum Reef.—Cambrian Company have twelve men employed sinking the main shaft deeper, which is now 437 feet deep. The water being very heavy, the men can only work six hours' shifts. They intend to open out and crosscut for the reef at a depth of 453 feet.

Sandstone Reef.—Victoria Company have twenty-three men employed breaking out stone from the stopes between 415-foot and 490-foot levels. The shaft is 500 feet in depth.

Princess Royal Company have six men employed driving south at the 330-foot level, and have had a trial crushing of 38 tons of stone, which yielded 7 ozs. 1½ dwt. of gold.

In alluvial mining there is nothing to report.

KORONG DIVISION.

Mr. Nesbitt Cockburn, Mining Registrar.

I have to report mining matters in general very dull.

During the quarter the March Reef United have commenced draining their mine, and have lowered the water in six weeks to the 370-foot level. On the other lines of reef little or nothing has been done during the quarter.

The Daly and New Guinea Companies have agreed to amalgamate and form a new company to work the Daly Lead with adequate machinery.

At Wedderburn the Specimen Hill Company are sinking their engine-shaft deeper.

Fone's Company, at Burke's Flat, are sinking their shaft deeper, and have plenty of quartz in reserve; they are getting good returns.

Brown's Company, at Wehla, are getting good returns, and are sinking a new engine-shaft for machinery.

In alluvial mining there is very little doing throughout the district.

REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.

Mr. P. Simpson, Mining Surveyor and Registrar.

At the New Isis claim the tributers have thrown up work. Northwards of their workings there is, I understand, a new make of stone showing gold freely. The mine will stand idle pending the erection of additional machinery. After this, sinking the shaft will be resumed.

I have been disappointed of the return from the Rubbly Reef. I believe the crushing mill erected by the prospectors is not answering their expectations, and similar stone to that treated therewith is giving much better results at the Pleasant Creek mills.

The Ram, Goldfinch, and Remarkable Companies are engaged in sinking shafts and prospecting their ground north and south of the prospectors.

Alluvial mining continues extremely dull.

No water sold for mining purposes during the quarter.

ST. ARNAUD NORTH SUBDIVISION.

Mr. P. Simpson, Mining Surveyor and Registrar.

At the Rising Star claim, which is now being worked by a Melbourne tribute company, the depth of main shaft has been increased to 470 feet; good sinking. They are now engaged in opening out north and south on Rising Star and Western Reefs.

The Chrysolite Company are engaged in sinking their shaft between the Ballarat and Chrysolite Reefs. Present depth, 480 feet; hard sinking.

The Wilson's Hill claim is now being worked by a Melbourne tribute company.

At the Blinkbonnie Reef the shaft is now down 296 feet. It is supposed the reef is cut. Work has been stopped by influx of water. Arrangements are being made for working the mine by steam machinery.

At the Bell Rock they are still sinking shaft; present depth, 337 feet.

Hagle and Company, West Wilson's Hill, have, I understand, struck a reef at a depth of 160 feet, showing gold, and supposed to be the Storm Reef.

Hagle and Company, South Rising Star, have sunk a shaft 200 feet, but the water is too heavy for them to contend with without a whim or machinery.

The Greenock Reef is now being worked on tribute.

The Devon Reef, east of the Greenock, has been taken upon lease. They are now stoping out at a depth of 60 feet.

Sixty-five tons of quartz from the Excelsior claim (No. 1 South Silver Reef) has yielded 250 ozs. of mixed metal, worth £296. Two tons of sand from the same reef yielded 110 ozs. of mixed metal.

No water sold for mining purposes during the quarter.

CASTLEMAINE MINING DISTRICT.

CASTLEMAINE DIVISION.

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

As usual this time of year, there is a considerable decrease in the number of miners at work; the want of water, and more remunerative labor, has caused many to go away harvesting. Alluvial mining is almost deserted, very few being now profitably employed. In quartz mining a good amount of work is being prosecuted in sinking, crosscutting, driving, and opening out. On the Nimrod and Manchester reefs the new pumping engines have been started, and already gold-bearing quartz is being raised; and on the Eureka, Ajax, Wattle Gully, and Post Office reefs, more powerful machinery is being erected.

The deepest mines in this division are—the Ajax, 400 feet, and about to sink to 500 feet; the Sebastopol, 413 feet, and crosscutting at 400 feet; the Eureka, stoping and driving at 360 feet, with very good prospects; the Old Wattle Gully, driving at 339 feet; the Caledonia, at 212 feet, and the Devonshire, at 304 feet, both driving and stoping in gold-bearing stone; the Wheal Terrill, crosscutting for eastern reef at 250 feet; and the United Wattle Gully, sinking from 300 to 400 feet; the Englishman's, fixing pumps at 280 feet, with rich quartz above; and others progressing at lesser depths.

Some of our mines have become dividend-paying, as the Caledonia, Devonshire, Little Nuggety, Volunteer, and some private companies.

The only new find has been a quartz leader, east of Capper's Reef, from which a crushing of 11 tons produced 109¾ ozs. of gold.

FRYER'S CREEK DIVISION.

Mr. Mark Amos, Mining Surveyor and Registrar.

There is no perceptible alteration in the population during the past quarter.

In new machinery and appliances the Great Southern Reefs Company have erected a 14 horse-power horizontal engine for pumping and winding. As this company's ground is about one mile and a quarter south of the Burdett Coutts and proven country, it may be regarded as evincing a true spirit of enterprise and faith in our auriferous resources.

The Ferron's Reef Company have erected a fine 25 horse-power engine and battery of 10 revolving heads, with single friction winding gear; the house is erected to contain a battery of 30 heads. The entire plant has cost over £3000.

The Duke of Cornwall Company have a new battery of 15 revolving heads (in lieu of their old one) at a cost of £1500.

Rowe Bros'. claim still maintains its position as one of the best in the district; the stone yields at the rate of half an ounce to the ton at a depth from surface of 160 feet, the lode being from 60 to 110 feet wide.

The Black Hawk Company are obtaining excellent yields, considering the great quantity of stone they have. A new shaft has been sunk and driven to meet the southern shaft level; very rich stone is being obtained.

The Fryers Company have at last been rewarded for their perseverance by excellent yields and still improving prospects.

The Burdett Coutts Company are still persevering in their efforts to discover a permanent and gold-bearing reef; at a depth of 235 feet from surface they have struck a body of stone 6 feet thick, in very hard ground; they have had trial crushings from the small leaders or veins, which, although not satisfactory, have yielded over 3 dwts. to the ton.

Wilson and McDonald's claim still yields well and with great regularity.

The Eagle Company have had an excellent crushing of 2¾ ozs. to the ton; they are said to be working on richer stone at the present time.

Sluicing operations have been carried on with varying success by numerous parties, but a want of water is beginning to be felt.

In ordinary alluvial mining two men at Hit-or-Miss Gully, near Vaughan, obtained 50 ozs. in three weeks, in 4 feet sinking; nuggets of 12, 11, 3¾, 3½, and 1¼ ozs. were obtained.

With the prospects of the Fryer's, the Black Hawk, the Ferron's Reef Company, upon the main line of reef, Wilson and McDonald in German Gully, and the Eagle Company, I consider we have every reason to anticipate far larger yields than hitherto.

Sluice-heads.	£	*s.*	*d.*
Nolan and Co., Vaughan and Glenluce, 2 heads, 24 hours per day—per week per head	3	0	0
Moyle, 1 head, 10 hours per day—per week	2	8	0
Loddon Company:—			
1 head, per week	3	10	0
2 heads, per week	6	10	0
3 heads, per week	9	0	0

HEPBURN DIVISION.

Mr. Thomas Hale, Mining Registrar.

There is nothing particularly striking to note respecting mining operations during the past quarter. The tabulated returns, however, show fair average yields; our nugget crop also shows that even in old and well-known localities the surface has not been yet removed: a fine nugget of 57¾ ozs. of almost pure gold was, on the 15th November, unearthed from a spot in Old Tom Gully near which, in 1870, a large one was similarly brought to light.

6·13 inches of rain only having fallen during the past three months the water-races are nearly dry. An average of about 50 sluice-heads at 25s. have been working.

The Cornish Quartz Company still maintains its position as a good dividend-paying claim; they have sunk their main shaft to a depth of 468 feet, and have formed a chamber at 460 feet, at which level a drive will be put in.

The Specimen Hill Company are crushing quartz and paying dividends.

The Gladstone Company are down 50 feet; is let to tributers, the yield 11½ dwts.

The Fear Not Company are still prospecting, but have not as yet struck gold-bearing quartz.

The Argus Quartz Company are down 570 feet, driving east and west of shaft, but have not yet struck the Cornish lode.

No. 1 South have reorganized; nothing payable struck.

The Anchor Company's tributers struck quartz at 50 feet, yielding ½ oz. to the ton.

Strack and party, Milkman's Reef, struck the lode at 50 feet, the yield being 6 to 7 dwts.

TARADALE AND KYNETON SUBDIVISION.

Mr. Thomas Orwin, Mining Registrar.

During the quarter we have had in this division another demonstration of the existing necessity of the establishment of schools of mines, where practical mining may be taught on scientific principles, enabling mining managers and those who have the control of labor and capital invested in mining pursuits to so direct the mining operations and expend the capital as to develop the mines in the shortest possible period, and at the smallest cost to the shareholders. About three years ago a company possessing capital floated a claim on the Back Creek in the Taradale township, where was expended in prospecting and the erection of machinery—crushing plant, &c.—over £16,000, without obtaining payable gold. A few months ago shareholders ceased to pay calls, the works were suspended, the plant sold, miners thrown out of employment, and the lease declared void. Three working miners applied for 180 feet of the ground, and with the aid of a windlass, within three weeks, struck stone at a depth of 30 feet, obtained and crushed 10 tons last week, which yielded 7 ozs. per ton (*see* returns).

The Malmsbury Reservoir is reaching the expectations of the shareholders; they have an abundance of stone that is yielding 10 dwts. per ton, and availed themselves of both land and water carriage to convey the quartz to the North Energetic battery. The distance is short, but the appliance has been expensive, consisting of a tramroad at the terminus, a jetty on the reservoir with a shoot conveying the quartz into a lighter, capable of carrying 6 tons each trip, and can make four trips a day in fine weather, at a cost of 1s. 9d. per ton, as against 4s. 6d. per ton formerly paid for carting.

The Energetic Company, Lauriston, have got their shaft down to 110 feet below the 375-foot level, and struck a lode averaging 9 inches thick, bearing gold. Unfortunately they have struck a heavy flow of water, which requires the engine to be kept going constantly as hard as they can drive to keep the water down.

The Central Energetic, Lauriston.—In this claim no particular change has taken place during the quarter. They are still prospecting.

The North Energetic Company have again resumed operations.

In the Tylden Forest a claim formerly held under lease, but abandoned, has been taken up by eight working miners, and is yielding payable stone.

The Tommy Dodd claim at Malmsbury maintains its character as a good claim, and has yielded the largest amount of gold in my division, as will be seen by reference to my returns for the quarter.

The Brandenburg Company are still sinking, and little water to obstruct them.

The Caledonian Company continue to drive for the reef.

The United Kingdom Company have struck good stone, which is yielding well (*see* returns for the quarter).

The Fenton claim yields fairly; the average is low, but will pay under present management.

The United Kingdom Extended Company have to contend against a large body of water, but their powerful engine is capable of draining the mine. In driving on the cap of the reef, at a depth of 80 feet from the surface, stone nearly 5 feet thick was struck that will apparently yield 7 dwts. per ton; the company are erecting a crushing plant with every encouragement that they will have an abundance of good stone and be amply repaid for their vast outlay of capital in sinking the deepest shaft in the district.

The Adventure Company have sunk their shaft 294 feet deep, and are on stone highly charged with mundic, but are greatly obstructed by foul air.

The Metcalfe Extended are borrowing a further sum of money to prospect their drive.

Alluvial Mining.

The Ironstone Hill Company have sunk their shaft to the depth of 293 feet and opened out at 284 feet 6 inches; they have purchased and are erecting two iron puddling machines, with encouraging prospects.

The Central claim is about to start again.

The Lord Malmsbury claim is good and is yielding heavy gold.

TARRANGOWER DIVISION.

Mr. Robert Nankivell, Mining Surveyor and Registrar.

Quartz Mining.

The yield has slightly improved during the quarter, though the averages of our principal mines are low. The new battery of stampers erected on Thornhill's Reef, by the English Company, has been started, but, owing to some defect in the flues and stack, sufficient steam could not be kept up to work it satisfactorily. Some alterations have to be made before any more crushing can be done. The prospects in the mine are good, and there is a large body of stone on the surface ready for crushing. The Union Company, adjoining on the south, are prospecting the deep ground, sinking and crosscutting to open up the mine below the 500-foot level. The shallow ground has been well tried, but does not pay. The Great Western Company, owing to the poverty of the reef, and water heavy, has suspended operations in the deep ground at present, and let the upper ground on tribute, until the Cymru Company, adjoining, who are erecting a new steam-engine to work the deep ground, get down to take a portion of the water, and lighten the expense of sinking. The Beehive Company, on the north, have sunk their engine-shaft another 50 feet, and are now crosscutting eastward to pick up the lost reef. The upper part of the mine is being worked by parties of tributers, who have recently come upon some good patches of golden stone: one lot of 49 tons yielded 91 ozs. 6 dwts. of gold. The line of Eaglehawk Reef, for a mile in length, is now being worked, and employing a

large number of hands. From the Great Southern Company's mine to the South Eaglehawk Company's nearly the whole of the ground is let on tribute; and one of the parties, known as Rechabite No. 1, has recently crushed 67 tons. for a yield of 88 ozs. 19 dwts. of gold. Other parties have been crushing stone yielding over an ounce of gold per ton, at a depth of 150 feet from the surface. Further north on this line the Central Company have erected a steam-engine for hauling dirt and baling water. Since starting they have drained the mine, and commenced breaking out stone below the 500-foot level. This level has been driven north to the south boundary of the Union Company's mine, and the prospects along the drive are very promising—the last 60 tons sent to the mill gave over an ounce per ton.

ALLUVIAL MINING.

In this branch of mining there is not much doing. The greatest portion of the alluvial gold is obtained by Chinese, with quicksilver cradles, washing sludge and tailings behind the crushing-machines and along the creeks. Most of the old diggers, who are in the habit of fossicking from hole to hole, have gone to the harvest-fields, with a view of making a rise (as they term it), and return to the diggings again when the harvest is over.

ST. ANDREW'S DIVISION.

Mr. Alfred Armstrong, Mining Surveyor and Registrar.

I have to report that very little change has taken place in alluvial mining throughout the district during the quarter.

The extensive alluvial sluicing works at Warburton, referred to in my last report, are not yet brought into operation; and all the river claims in the Yarra have remained idle since last winter.

There is also an alluvial tunnelling claim at the Haunted Gully, near Berwick, in progress, but not sufficiently advanced to enable me to report as to its prospects.

The harvesting and the scarcity of water have tended to materially reduce the number of men engaged in mining during the quarter.

In quartz mining I have only to report slightly increased activity. The Union Reef, Diamond Creek, has been traced south to a distance of about half a mile, and is being worked by a small party of working miners under the name of the Allendale Company, and has yielded a steady average of over 3 ozs. to the ton. The Scotchman's Reef, Warrandyte, has also been traced north, upon new ground, and has yielded more than 1 oz. to the ton. The Third Hill Company, Warrandyte, are sinking a deep shaft and erecting powerful machinery.

At Ringwood the mineral lease for antimony is being developed, and there are now upwards of 200 tons of this mineral upon the bank, waiting transit to market.

At Kilcunda, the coal lease of Messrs. Latham and Watson is fully opened up. The scarcity of labor, of which they complained, has prevented them completing their tramway, which they hoped to finsih by the end of the year. They have about 1000 tons of excellent coal upon the bank, only waiting to be brought to Melbourne.

BLUE MOUNTAIN NORTH SUBDIVISION.

Mr. Graham McPherson, Mining Registrar.

Mining is almost at a standstill here at present, most of the known auriferous lines of reef being held under protection, the holders of which are now endeavoring to put their claims in the market. Should they succeed, there is no room for doubt that gold in a payable form will be the result, capital being all that is required.

Some parties who have been prospecting close to the Dividing Range, near the source of the Campaspe, have discovered gold in several places. They have taken up, and are now working, a prospecting claim. I have visited the place, and washed several dishes of the stuff, from the grass to a depth of 4 feet, and have the honor to forward you a sample of the gold I obtained.* I fear, from the light nature of it, that it will scarcely prove payable at that particular spot; but I have no doubt something better will yet be found, as the whole of that district, from Stockyard Creek and across the Campaspe to the north of the Dividing Range, bears every indication of the existence of payable gold, as I had the honor to report some years ago. In several places promising looking reefs crop out above the surface, none of which have yet been tried. The country is almost unknown to any but splitters, few of whom have any knowledge of mining.

ARARAT MINING DISTRICT.

ARARAT DIVISION.

Mr. Ferdinand M. Krausé, Mining Surveyor and Registrar.

Owing to the paucity of water supply for sluicing purposes there has been a corresponding falling-off in the yield of alluvial gold during the quarter. The workings on the new lead, at the Dividing Range near Armstrong's, still employ about 30 picks. The Opossum Gully reservoir being nearly empty, most of the work in that locality is done by tub and cradle.

In quartz mining little has been done beyond preliminaries. The Sir George Bowen Company, on Campbell's Reef, the Maryborough Company, Commissioner's Hill, and the Victoria Company, Rhymney Reef, are each erecting machinery, and expect to be in working condition after the lapse of another month. Bourke's claim at Port Curtis has been taken up by a public company and a small parcel of excellent stone crushed.

Due to very able management, the Cement Company at Londonderry continue to earn fair returns, although the workings prove the lead to become extremely patchy and the stone decreasing in value.

PLEASANT CREEK DIVISION.

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

QUARTZ MINING.

Work has been steadily carried on during the quarter, as well in those mines which may be said to be prospecting as in those from which quartz is being obtained.

The important new finds have been the striking of a reef in the Carolina Company's ground, and another in Nos. 8 and 9 South Cross Reef.

Quartz mining, as a whole, may be said to be in a highly prosperous condition, and it seems very probable that the workings will yet be extended over a large area.

* The sample is placed in the collection of the Department (No. 2806).

ALLUVIAL MINING.

A great deal of attention has been paid during the quarter to the flats at Deep Lead, Welshman's, Seventy-foot, &c., which are considered by many to contain deep leads of gold. A number of leases have been applied for of land in these localities, and boring operations have been conducted, proving at least the existence of gold. Small rushes have taken place during the quarter to the Forty-foot and Jonathan's Gully, but I know of nothing worthy of special mention with regard to them.

BARKLY DIVISION.

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

No fresh discoveries have been made, and mining operations remain pretty much as they were at the end of last quarter.

As I have before mentioned, those returned under the heading "Mining Population" for this division are not all of them continuously occupied in mining.

RAGLAN DIVISION.

Mr. C. W. Minchin, Mining Registrar.

I regret to have to state that mining operations generally throughout this division during the quarter just ended have not proved as successful as might have been desired.

Manners and party (six men) have now completed the re-erection of their puddling machine, and are working at two main drives, in a southerly and south-easterly direction, at a depth of 61 feet. They have had but a poor yield of gold so far.

Cummings and party (the Golden Fleece Gold Mining Company), Garibaldi Lead, have completed the erection of their steam machinery, and are progressing steadily. They have now two drives in, in southerly and south-easterly directions, of about 250 feet in all, and have had a small yield of gold. They seem hopeful.

The Duke of Wellington Gold Mining Company, which had just re-erected their steam machinery, transferred from the old Main Lead, on the course of the Garibaldi Lead, and sunk a shaft some 50 or 60 feet, finding that the ground was unsafe to work in, have abandoned their claim, and their machinery is, I understand, now for sale.

The Bull's Wool Gully rush has nearly died out. Some two or three claims are getting small returns.

The late Tribute Company at Waterloo, now the Waterloo Gold Mining Company (no liability) have had some gold during the quarter. They have, however, had several accidents to machinery, and been flooded with water. They purpose sinking their shaft about 30 feet deeper. Some two or three of the leaseholders there are boring. Toman and party, who hold a claim there under the mining bye-laws, are doing very fairly, though only main-driving.

The Richmond Quartz Mining Company have been chiefly engaged in still sinking their shaft, which is now about 290 feet; sinking hard. They purpose carrying it down about 20 feet more, and then opening out.

Two of the newly leased areas taken up at Charlton, and respectively known as the New Charlton Gold Mining Company and the Band of Hope Gold Mining Company, have recently got their machinery erected, and are making considerable progress otherwise. Some others of the leaseholders are occupied in trying the nature of their ground by bores and shafts sinking, &c.

GIPPSLAND MINING DISTRICT.

OMEO SUBDIVISION.

Mr. W. Phipps, Mining Registrar.

The Eureka Tunnelling and Quartz Crushing Company, Swift's Creek, have completed the renewal of their steam mill, and have had a trial crushing from two reefs with satisfactory results. They are also preparing to crush for the public; but for the present must depend chiefly on the numerous reefs on their large lease to supply them with stone, as, excepting the hands in their own employ, the only quartz miners at work are on one lease and two claims.

There is no change worthy of note in alluvial mining, but all hands are fully employed, and no claims under suspension.

MITCHELL RIVER SUBDIVISION.

Mr. John Grimes Peers, Mining Surveyor and Registrar.

QUARTZ.

Quartz mining in this subdivision is at a very low ebb, owing to the want of the introduction of foreign capital.

ALLUVIAL.

Those engaged in this branch of mining are earning fair wages. One company at the Nicholson's and another at the Tambo River are in full work, and, having heard no complaints, I conclude that these mines are paying satisfactorily.

GALENA AND SILVER MINES, BUCHAN.

In this locality there are five mineral leases, upon four of which mining is at present being carried on; the chief of these is the Murrindal, upon which the works are being actively pushed forward. The next mine of importance is the Buchan Lead and Silver Company's, the particulars relating to which have been kindly furnished me by the mining manager, a copy of which I append:—

"*Buchan Lead and Silver Mining Company.*—During the past quarter Mr. G. H. F. Ulrich has visited the mine, and by his advice a cross-cut has been driven 50 feet westerly from the end of the main level to intersect the lode; the ground having been extremely hard, progress has necessarily been slow; owing to the flatness of the lode the cross-cut has not yet intersected it, but a rise has been put up 8 feet, the last 2 feet being in good ore, and not yet through it; and, as work is suspended during the holidays, cannot determine the thickness of the lode here until work is resumed. The other works done have been principally for ventilation purposes, rising from main level to No. 2 or underlay shaft, which will be finished about the end of January. No preparation for furnaces will be made until the quality of the lode in the cross-cut is fully proved."

BOGGY CREEK SUBDIVISION.

Mr. George Allen, Mining Registrar.

I have nothing worth reporting about my division for the past quarter.

The Sons of Freedom Company have commenced sinking their main shaft from the 120-foot level to a further depth of 50 feet.

CROOKED RIVER DIVISION.

Mr. James Travis, Mining Registrar.

The quantity of stone crushed during the quarter from the Good Hope mine is comparatively small, and the yield less than was anticipated; nevertheless, the stone in sight is looking well, and a better average for the ensuing quarter is expected.

No stone has been crushed from the Hopeful since my last report, but about 100 tons is now raised ready for the stampers, which is estimated to average over 1 oz. to the ton; a return that will leave a good margin for profits over working expenses.

The Ballarat (Jolly Sailors') has turned out quite as well, or better, than was expected, paying a handsome dividend to the shareholders.

There has been no stone crushed from the Garry Castle Reef this quarter, and that from the Great Republic gave a very indifferent return.

The yield from the Faithful was miserably poor, barely covering the cost of packing and crushing.

With regard to alluvial mining everything is exceedingly dull.

JERICHO DIVISION.

Mr. R. J. Donaldson, Mining Registrar.

Nothing whatever worthy of notice has been done in quartz mining in my division during the last three months; the small quantity of stone sent to the mill has not paid the expense of raising and crushing, consequently the prospects of the quartz miner are not encouraging at the present time.

The alluvial miners appear to be better off, as the number finding profitable employment in the neighboring creek and gullies remains unaltered; but there has been no new ground opened or new creek discovered since my last report.

DONNELLY'S CREEK DIVISION.

Mr. Hugh St. H. Blair, Mining Surveyor and Registrar.

Good stone has been struck by the Gippsland Consols Company in their 500-foot level. The Bismark Company have also struck good stone during the last week from their southern boundary. The United Star Company have a reef varying in width from 8 inches to 18 inches with a westerly underlay.

Nothing new in alluvial.

STRINGER'S CREEK DIVISION.

Mr. E. S. Gutteridge, Mining Registrar.

No change of any importance has taken place during the past quarter. Many of the progressive mines are being prospected vigorously. Main tunnels and cross-cuts are being put in, and shafts sunk, which will give them a fair trial. The Long Tunnel, Walhalla, and North Gippsland are the only companies which have crushed, the two former with their usual success, the stone being of a good quality; in the latter company's ground, between the 172 and 254 foot levels the stone has been disordered, and consequently poor, but underneath the ground appears to be more settled, and when opened out stone of a better quality will no doubt be found.

The Great Extended are pushing their main tunnel ahead as fast as possible; it is now in 177 feet.

The Welcome has been let on tribute, and will shortly have a trial crushing; they have now about 20 tons of stone at grass.

The My Dream has been suspended through increase of water; tenders will shortly be called for sinking 150 feet below water-level.

The Reality have now driven their tunnel 115 feet, and expect to strike the western lode daily.

The Long Tunnel Extended have driven their tunnel 568 feet; in 200 feet more the shaft will be sunk to intersect the lode.

In the South Cohen's a large lot of forfeited shares has been allotted *pro rata* amongst the shareholders, and working operations will shortly be resumed by driving on the reef.

The Cleveland struck a reef carrying gold in their tunnel about 90 feet from surface; intend putting in levels to give it a fair prospecting.

The Little Joe are driving a cross-cut west; the distance obtained is 605 feet from tunnel; have passed through one lode 12 feet wide carrying gold, and another 5 feet wide, barren where cut; the mine is in full work, and the company are prospecting vigorously.

RUSSELL'S CREEK DIVISION.

Mr. Charles Gadd, Mining Registrar.

Alluvial mining still remains in a very depressed state, owing chiefly to the scarcity of water in all the creeks and gullies.

The Cross Reef Company, Pheasant Creek, expect to commence crushing operations during the present month; the quartz they are now breaking down is looking well, and good returns are anticipated. I have not been able to obtain any authentic information during the quarter from the Crossover. Several parties are now out prospecting near the heads of the La Trobe and Tangil Rivers. One party, Messrs. Johnson and Wells, inform me they can get a little gold and tin in every place they have tried, but the country is very scrubby and difficult to prospect.

BENDOC SUBDIVISION.

Mr. John Nichol, Mining Registrar.

Mining in this subdivision for the quarter ended has not improved, the returns of gold show a decrease since my last report; neither have the anticipations of the tributers of the Rising Sun quartz claims been realized, as the stone from their south shaft turned out very poor; but at the time of my previous report they had struck a narrow gold-bearing vein, which looked well and promised to turn out good; the greater portion of the stone raised must have been barren; it widened out and formed into a large body of stone of some 2 ft. to 2 ft. 6 in. thick at their 160-foot level. They drove about 100 feet south and crushed about 50 tons for trial, shown in table. But although the sanguine hopes of the tributers of this reef have met with disappointment, other reefs have been newly discovered, which promise to become notorious, from the fact that the gold in the stone is visible from the surface to the depth they have sunk, with an average thickness of stone of 12 to 14 inches. This line of reef is situated on the opposite sides the Bonang stream to the Albert (a reef I reported in my last as yielding over 8 ozs. per ton), and styled the Aurorea Borealis. Several shares in this reef have changed hands, and one in the Prospecting claim, a one-sixteenth (1-16th) share, the other day, sold for £100 cash.

The Albert Quartz Claim.—This company, although very sanguine as to the results of their claim, have not prosecuted their works much this quarter, waiting the assay returns from Sydney, New South Wales, of some 7 tons of stone forwarded to that place the latter end of last month (November), the yield of which I cannot positively state, not having seen the returns; but I am informed it yielded 14 ozs. per ton. If such is the case, they will not be long before they erect a plant upon their mine, which will make the claims in that neighborhood more valuable.

The Lucky Hit (late Homeward-bound).—This company have been operating in their vertical shaft, and have succeeded in baling the water sufficiently to put in their drive, which they have driven to about 56 or 60 feet; but after driving that distance they supposed they must have driven over their reef, therefore have abandoned that shaft, and have removed their engine to one of their old shafts, and intend sinking on the reef, to enable them to get a crushing for trial; they have sunk about 15 feet, making their old shaft down about 65 feet. I may remark their object for not working in this shaft from the first was the underlie the reef took, and proposed to sink a vertical shaft to cut the reef at about 200 feet; but this work has not been completed, only having sunk it to about 75 feet.

The Rising Sun.—This company have suspended operations for the present; cause, want of funds for carrying on their works.

The Morning Star.—This company have placed their plant in the market for sale, so that at present work will not be resumed on this claim.

All the quartz claims at work are held by co-operating parties or companies, who find it difficult to prosecute their works on a systematic principle for the want of funds.

The Alluvial portion of this subdivision.—The miners seem satisfied with their earnings, but many have left for the harvesting and sheep-shearing for a short time. But the Chinese population have all left this side the border, their claims having been worked out, and are operating upon the New South Wales side on the Delegate River.

TARWIN SUBDIVISION.

Mr. James McLuckie, Mining Registrar.

Stockyard Creek.

Alluvial Mining.

Although the yield of gold shows a decrease, an improvement in mining matters was apparent during the end of the last quarter.

In November last, in consequence of payable prospects having been obtained at Bennison Flat, about two miles from Foster, a small rush set in for that locality; as yet, however, only six shafts have been bottomed, and only three upon gold, which, whilst payable, is not so rich as was anticipated. The sinking, although not more than 40 feet, is rendered very difficult by drift and a heavy influx of water; but, notwithstanding these inconveniences, as the Bennison Flat Company have erected their machinery, and as there is a large number of co-operative claims marked off, the ground will be thoroughly tested at an early date.

Fair yields are still being obtained by the Prospectors' Gold Mining Company; and as blocking out will shortly be commenced, an improvement may be expected. Yield for the quarter, 540 ozs. 17 dwts.

The Great Southern claim is now let to a party of tributers for one year, who have, I believe, met with very encouraging prospects. There is nothing calling for special mention in connection with the other alluvial claims.

Quartz Mining.

Good stone has been raised by the Ophir Company from the 130-foot level, and by the Golden Bar tributers from the 70-foot level (the yields averaging more than an ounce per ton). The narrowness of the leaders, however, and the heavy expenses for carting and crushing, completely prevent anything like fair remuneration. It is much to be regretted that the efforts to discover a defined reef made by those companies, as also by the African Company, have as yet been unsuccessful.

Turton's Creek.

A large number of the creek claims having been worked out, this place is now being rapidly depopulated. In some instances the banks of the creek are being worked profitably; but it is to be feared that, if some fresh discoveries be not made shortly, complete desertion will be the result.

TRARALGON SUBDIVISION.

Mr. Charles Denis, Mining Registrar.

There is nothing unusual since my last report. Tracks are much required to be cut, in order to penetrate the dense scrub, with which a good part of Gippsland is covered. Without tracks it is next to impossible to prospect the district; private individuals do not care to be at the expense and trouble of cutting tracks, as they consider that other people very often get the benefit of their time and labor. Coal of a superior quality has been found on the Morewell and the Naracan. There are other coal finds in the neighborhood of the Tyers River. These finds are quite distinct from the Excelsior Coal Mining Company at Hazlewood.

APPENDIX.

NEW VEGETABLE FOSSILS OF VICTORIA,

DESCRIBED BY

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

[CONTINUED.]

Penteune.

Fruit five-valved to the base, ovate-globose or broadly ovate; dehiscence loculicidal; valves exceedingly thick, woody, very slightly rough on the dorsal part. Cavity towards the middle part of the valves. Free central axis absent. Cells five in number. Seeds solitary in each cell, towards their summit attached to the inner angles of the valves, turgid, ovate or verging into an ellipsoid form, blunt at the base, more gradually attenuated upwards. Testa smooth.

The generic name—composed of πεντε and εὐνή—is chosen in allusion to the five valves, on which the seeds are imbedded.

Penteune Clarkei.

In older pliocene drift at Smythe's Creek. J. Lynch, Esq. Communicated by R. Brough Smyth, Esq., F.G.S., Secretary of the Department for Mines.

The specimens collected are not numerous, and vary in length from 1½ to nearly 2 inches; the basal point occasionally protruding. Seeds from nearly ½ to ⅔ of an inch long, measuring from 3 to 5 lines in their middle diameter; the majority of the seeds remain undeveloped. The radicle must have pointed to the summit.

In the absence of any other identified remnants of this doubtless arboreous plant, no positive systematic position can as yet be found for this genus. It belonged, however, most probably to Sapindaceæ, although the possibility of its having formed a genus of the meliaceous order is not excluded.

This conspicuous fossil is dedicated to the Rev. W. B. Clarke, M.A., F.R.G.S., F.G.S., F.Z.S., the nestor among Australian workers in the field of natural science, who amidst the arduous duties of his ecclesiastic dignity has carried on with unabating enthusiasm his geologic researches in this continent for nearly half a century.

An externally very similar fossil has been discovered in Tasmania by Morton Alport, Esq., at Gerlston-Bay in tertiary travertin. Some affinity of these fossils to the genus Rhytidotheca is evident from the number of the valves, the dehiscence and the single seed in each cell.

Penteune brachyclinis.

Fruit comparatively small, roundish, angular; cavity occupying more than half of the valves.

Found with Penteune Clarkei.

This from a solitary specimen has been placed into the genus Penteune, of which P. Clarkei is to be considered the typical form. It measures only about 1 inch, and the valves are of a thickness less considerable than that of the normal species, even if allowance is made for the diminished size. Both P. Clarkei and P. brachyclinis seem, however, to be connected through the form delineated in 7, 8 and 9 of the accompanying Plate VIII.; it is therefore not improbable that they constitute merely varieties of one species, and this may have had a range of forms as wide as that produced by Phymatocaryon Mackayi.

Penteune trachyclinis.

Fruit comparatively large, roundish, externally very rough, almost verrucular; cavity of the valves sometimes very deep.

Occurs with the two foregoing.

This has been illustrated for completeness sake on this occasion, but merely from the fragments of two specimens, it being desirable to exhibit together the full series of allied species or of varieties, so far as hitherto known. From Phymatocaryon Mackayi this fossil fruit is at once distinguished by the number of the valves.

Figs. 13–17 in Plate VIII. of Capt. Shepherd's faithful drawing represent a state of the same fossil, but much compressed, probably through distortion in a young state.

EXPLANATION OF LITHOGRAMS.

PLATE VII.

Penteune Clarkei.

FIGS. 1, 2, 3.—Side views of the whole fruit.
4.—Fruit, presenting the summit.
5, 6, 7.—Inner side view of separated valves.
8.—Side view of a seed from a larger form.
9, 10.—Back and side view of a seed from a smaller form.

PLATE VIII.

Penteune brachyclinis.

FIGS. 1, 2, 7.—Side views of the whole fruit.
3, 4.—Fruit dissected longitudinally.
5, 6.—Side and back view of a seed.
8.—Fruit presenting the summit.
9.—Inner side view of separated valves.

Penteune trachyclinis.

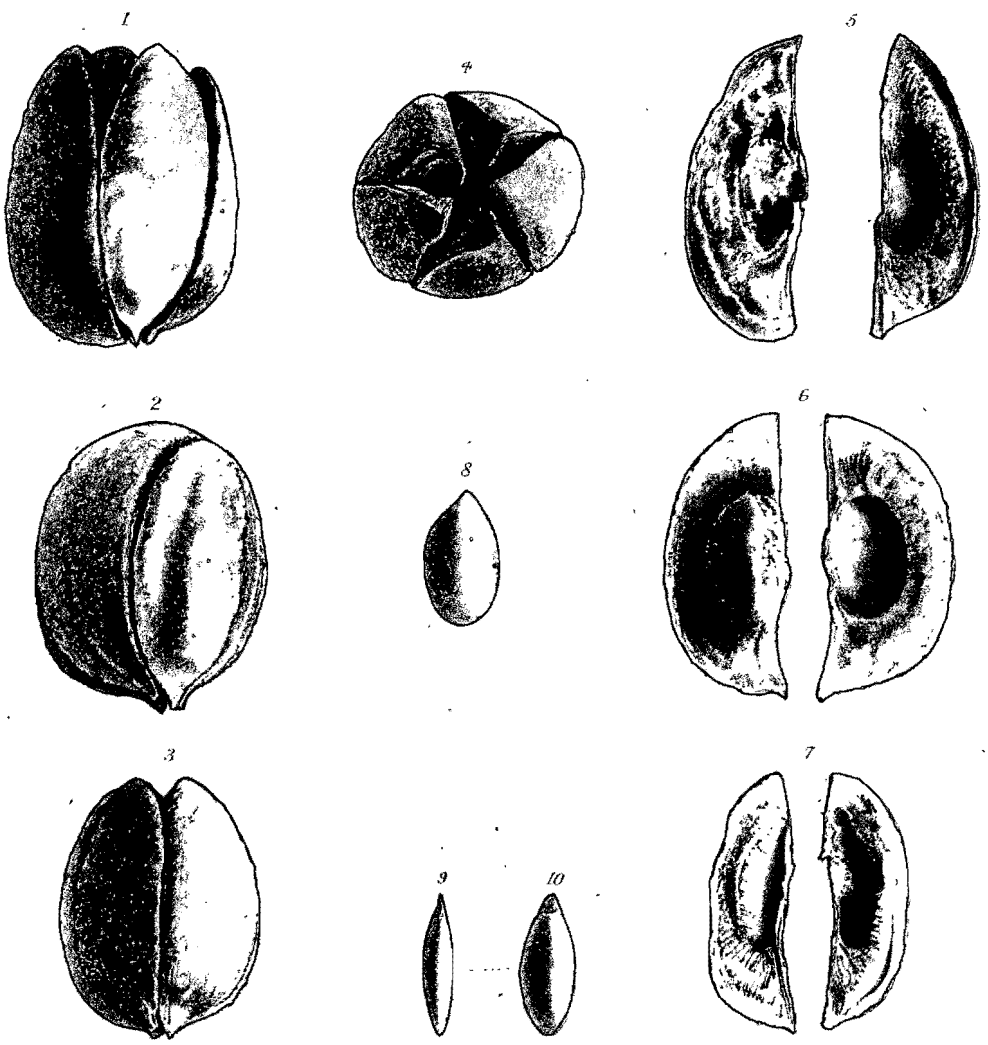
FIGS. 10, 12.—Fruit dissected longitudinally.
11.—Two valves, presenting the summit.
13, 14.—Side view of the whole fruit in a compressed state.
15.—The same presenting the summit.
16.—Inner side view of a valve with a young seed.
17.—Inner side view of an aged valve.

All figures drawn according to natural dimensions.

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PENTEUNE CLARKEI

F von MUELLER.



PENTEUNE BRACHYCLINIS

Figs 1–9

PENTEUNE TRACHYCLINIS

Figs 10–17.

F von MUELLER

