1873.

VICTORIA.

REPORTS

OF THE

MINING SURVEYORS AND REGISTRARS.

QUARTER ENDED 30TH SEPTEMBER 1873.

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

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BALLARAT MINING DISTRICT.

Ballarat Central Division	Mr. Harrie Wood, 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, 26
Smythesdale Division	Mr. John Lynch, Mining Surveyor and Registrar	21, 26
Creswick Division	Mr. James Stevenson, Mining Surveyor and Registrar	7, 16, 20, 21, 26
Gordon Subdivision	Mr. Thomas Cowan, Mining Surveyor and Registrar	7, 21, 27
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, 16, 18, 21, 27
Ballan Subdivision	Mr. G. P. Black, Mining Registrar	8, 21, 28

BEECHWORTH MINING DISTRICT.

Beechworth Division	Mr. Alexander Alderdice, Mining Registrar	8, 15, 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, 29
Buckland Division	Mr. Lewis C. Kinchela, Mining Registrar	8, 16, 22, 29
Alexandra Subdivision	Mr. R. W. S. Greig, Mining Surveyor and Registrar	9, 18, 22, 29
Dry Creek Subdivision	Mr. Robert Pemberton, Mining Registrar	22, 30
Gaffney's Creek Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	9, 22, 30
Wood's Point Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	9, 16, 22, 30
Big River Subdivision	Mr. A. B. Ainsworth, Mining Surveyor and Registrar	9, 22, 30
Mitta-mitta Division	Mr. W. H. Cochrane, Mining Registrar	22, 30
Jamieson Subdivision	Mr. W. H. Edwards, Mining Registrar	9, 22, 31

SANDHURST MINING DISTRICT.

Sandhurst Division	Mr. N. G. Stephens, Mining Registrar	10, 15, 16, 18, 22, 31
Kilmore Division	Mr. James W. Osborn, Mining Registrar	10, 22, 32
Heathcote Division and Waranga South Subdivision	Mr. J. T. Strong, Mining Surveyor and Registrar	10, 15, 22, 32
Waranga North Subdivision	Mr. C. J. W. Russell, Mining Registrar	10, 22, 32

MARYBOROUGH MINING DISTRICT.

Maryborough Division	Mr. P. Virtue, Jun., Mining Registrar	11, 15, 16, 18, 20, 23, 32
Majorca Subdivision	Mr. John M. Murphy, Mining Registrar	11, 23, 33
Amherst Division	Mr. Joseph Smith, Mining Surveyor and Registrar	11, 15, 18, 23, 33
Avoca Subdivision	Mr. P. Simpson, Mining Surveyor and Registrar	11, 18, 20, 23, 33
Dunolly and Tarnagulla Divisions	Mr. W. G. Couchman, Mining Surveyor and Registrar	11, 20, 23, 34
Korong Division	Mr. Nesbitt Cockburn, Mining Registrar	11, 23, 34
Redbank and St. Arnaud South Subdivisions	Mr. P. Simpson, Mining Surveyor and Registrar	11, 15, 16, 23, 34
St. Arnaud North Subdivision	Mr. P. Simpson, Mining Surveyor and Registrar	11, 23, 35

CASTLEMAINE MINING DISTRICT.

Castlemaine Division	Mr. Thos. L. Brown, Mining Surveyor and Registrar	12, 15, 23, 35
Fryer's Creek Division	Mr. Mark Amos, Mining Surveyor and Registrar	12, 19, 20, 23, 35
Hepburn Division	Mr. Thos. Hale, Mining Registrar	12, 19, 20, 23, 36
Taradale and Kyneton Subdivision	Mr. Thomas Orwin, Mining Registrar	12, 23, 37
Tarrangower Division	Mr. Robt. Nankivell, Mining Surveyor and Registrar	13, 19, 20, 23, 37
St. Andrew's Division	Mr. Alfred Armstrong, Mining Surveyor and Registrar	13, 15, 24, 37
Blue Mountain North Subdivision	Mr. Graham McPherson, Mining Registrar	24, 38

ARARAT MINING DISTRICT.

Ararat Division	Mr. Ferdinand M. Krausè, Mining Surveyor and Registrar	20, 24, 38
Pleasant Creek Division	Mr. H. C. Bate, Mining Surveyor and Registrar	13, 20, 24, 38
Barkly Division	Mr. H. C. Bate, Mining Surveyor and Registrar	24, 38
Raglan Division	Mr. C. W. Minchin, Mining Registrar	19, 24, 38

GIPPSLAND MINING DISTRICT.

Omeo Subdivision	Mr. W. Phipps, Mining Registrar	24, 39
Mitchell River Subdivision	Mr. John Grimes Peers, Mining Surveyor and Registrar	24, 39
Boggy Creek Subdivision	Mr. George Allen, Mining Registrar	13, 24, 39
Crooked River Division	Mr. James Travis, Mining Registrar	13, 24, 39
Jericho Division	Mr. R. J. Donaldson, Mining Registrar	14, 24, 39
Donnelly's Creek Division	Mr. Arthur F. Walker, Mining Surveyor and Registrar	14, 24, 40
Stringer's Creek Division	Mr. E. S. Gutteridge, Mining Registrar	14, 16, 24, 40
Russell's Creek Division	Mr. C. Gadd, Mining Registrar	14, 24, 40
Bendoc Subdivision	Mr. John Nichol, Mining Registrar	14, 24, 40
Tarwin Subdivision	Mr. G. C. Coulson, Mining Registrar	14, 24, 40
Traralgon Subdivision	Mr. C. Denis, Mining Registrar	24, 40

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SUMMARY.

GOLD MINING STATISTICS FOR THE QUARTER ENDED 30th SEPTEMBER 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 30th September 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 Engines employed in Winding, Pumping, Crushing, &c.											From	To
	Europeans.	Chinese.	Europeans.	Chinese.		Number.	Aggregate Horse-power.	Steam Puddling Machines.	Buddles.	Horse Puddling Machines.	Whims.	Whips or Pulleys.	Sluices, Toms, and Sluice-boxes.	Hydraulic Hoses.	Pumps.	Water-wheels.	Quicksilver and Compound Cradles.	Stamp-heads (crushing cement).	Boring Machines.	Number.	Aggregate Horse-power.	Crushing Machines driven by other power than Steam.	Stamp-heads (crushing quartz or other vein stuff).	Buddles.	Winding, Washing, Pumping, or other Machines moved by Water-power.	Whims.	Whips or Pulleys.	Boring Machines used in Blasting.	£			£ s. d.	£ s. d.
BALLARAT.																															
Central Division	2,333	385	697	..	3,415	86	3,437	106	..	45	42	1	47	..	..	..	..	..	5	37	859	..	408	3	..	16	..	..	205,100	39½	24	4 1 6	4 2 9
Southern Division	402	620	30	..	1,052	6	122	7	..	50	3	11	5	1	7	..	2	..	1	3	52	..	40	..	..	2	7	..	20,000	6½	14	4 0 9	4 1 9
Buninyong Division	720	130	180	..	1,030	24	720	18	4	21	11	..	15	..	..	..	..	..	..	10	250	..	86	3	..	..	..	..	43,200	16	13	4 1 9	4 2 3
Smythesdale Division	1,220	350	70	..	1,640	61	1,360	65	8	11	7	..	60	..	..	..	..	5	9	1	5	80	..	27	..	..	..	..	29,200	15	11	4 1 6	4 2 6
Creswick Division	640	500	900	..	2,040	17	308	14	..	85	16	7	800	..	..	..	..	..	10	2	35	1,206	..	233	20	2	5	..	1	120,500	12	15	4 1 3	4 1 6
Gordon Subdivision	30	4	216	..	250	..	..	..	..	2	..	..	..	..	..	..	..	..	..	8	177	..	63	..	..	4	..	..	9,270	3½	19	3 18 0	4 0 0
Steiglitz Subdivision	111	114	405	..	630	..	..	..	..	..	..	..	100	..	..	..	..	..	..	10	277	..	58	..	..	8	5	1	19,845	50	73	4 0 0	4 0 4
Blackwood Division and Blue Mountain South Subdivision	170	298	610	2	1,080	..	..	..	..	..	..	..	500	..	15	2	..	..	..	21	427	12	265	..	..	18	..	..	54,000	4½	30	3 17 6	3 18 6
Ballan Subdivision	..	..	60	..	60	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10	..	8	..	..	..	..	..	1,000	1	3	3 16 6	3 18 6
Totals	5,626	2,401	3,168	2	11,197	194	5,947	210	12	214	79	19	1,527	1	22	2	7	19	9	130	3,338	12	1,188	26	2	53	12	2	502,115	148¼	202		
BEECHWORTH.																															
Beechworth Division	1,116	925	83	..	2,124	25	270	..	..	6	12	5	5,200	3	52	20	..	..	2	6	89	3	59	..	..	5	..	..	50,160	47	92	3 19 0	4 2 0
Yackandandah Division	263	374	110	..	747	1	6	..	..	..	..	..	3,000	3	22	20	..	..	..	7	90	..	68	1	2	..	..	..	11,200	12	30	3 19 0	4 0 0
Indigo Division	202	319	63	..	584	12	348	11	..	39	10	38	250	..	15	..	..	..	1	4	36	..	32	1	..	1	6	..	26,798	7¼	25	4 0 0	4 1 0
Buckland Division	122	1,238	392	6	1,758	2	22	..	..	..	..	..	2,000	..	55	57	..	..	1	19	243	16	278	1	..	1	..	..	37,500	60	418	3 18 3	3 18 9
Alexandra Subdivision	190	30	110	..	330	3	60	3	..	10	2	2	30	..	2	..	..	..	1	6	86	..	66	..	..	5	4	..	14,000	28	57	3 16 0	4 1 6
Dry Creek Subdivision	40	90	..	..	130	..	..	..	..	..	..	..	400	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	400	4½	..	3 16 0	4 1 0
Benalla Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	3	..	..
Gaffney's Creek Subdivision	65	6	70	22	163	..	..	..	..	..	..	1	200	..	15	15	..	..	..	7	78	11	176	2	1	..	..	..	29,775	24	18	3 0 0	3 17 6
Wood's Point Subdivision	159	10	148	..	317	..	..	..	..	..	..	3	270	..	16	16	..	..	..	8	115	9	250	2	..	3	1	..	60,281	18	94	3 0 0	3 17 6
Big River Subdivision	63	6	75	..	144	..	..	..	..	..	..	..	260	..	9	9	..	..	..	5	52	..	42	..	..	..	..	..	10,749	33	14	3 12 0	3 18 6
Mitta-mitta Division	90	75	..	..	165	..	..	..	..	..	..	..	2,000	3	18	13	..	..	..	..	..	..	..	..	..	..	..	..	1,200	18	5	3 5 0	3 12 0
Jamieson Subdivision	75	120	280	..	475	..	..	..	..	..	..	..	350	..	..	..	..	..	..	5	78	2	77	..	..	..	..	..	15,200	8½	24	3 16 0	3 18 3
Totals	2,385	3,193	1,331	28	6,937	43	706	14	..	55	24	49	13,960	9	204	159	..	..	5	67	867	41	1,048	4	3	15	11	..	257,263	270¼	830		
SANDHURST.																															
Sandhurst Division	1,745	640	4,275	24	6,684	19	290	..	..	104	6	27	..	..	20	..	6	163	1	202	3,674	..	1,170	3	..	212	258	1	459,000	22	318	3 18 6	3 18 6
Kilmore Division	46	20	40	..	106	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	47	2	35	..	..	..	..	..	3,500	27	126	3 17 6	4 0 0
Heathcote Division and Waranga South Subdivision	390	50	500	..	940	..	..	..	..	49	4	8	54	..	..	..	..	..	..	16	218	..	129	..	..	10	21	..	20,790	81	197	3 16 9	4 2 0
Waranga North Subdivision	60	33	175	8	276	..	..	..	..	12	..	5	..	..	..	..	..	..	..	9	153	..	89	..	..	7	22	..	19,600	11	106	3 0 0	4 1 0
Totals	2,241	743	4,990	32	8,006	19	290	..	..	165	10	40	54	..	20	..	6	163	1	230	4,092	2	1,423	3	..	229	301	1	502,890	141	747		
MARYBOROUGH.																															
Maryborough Division	1,960	400	837	..	3,197	40	1,428	39	..	178	34	10	6	..	4	2	36	132	4	26	604	..	201	1	..	30	25	..	149,152	5	157	4 0 6	4 2 0
Majorca Subdivision	240	52	4	..	296	10	220	10	..	5	5	..	7	..	8	..	7	..	..	..	..	..	..	..	..	..	..	..	10,530	2½	15	4 0 0	4 0 0
Amherst Division	415	90	56	..	561	7	94	8	..	60	14	22	78	..	80	..	22	..	..	4	54	..	28	..	..	8	12	..	15,270	5	30	3 19 6	4 1 0
Avoca Subdivision	1,154	1,638	84	..	2,876	8	263	8	..	76	6	19	48	..	10	..	3	..	3	4	53	..	42	1	..	3	3	..	17,439	18	18	3 16 0	4 2 0
Dunolly and Tarnagulla Divisions	390	350	470	12	1,222	1	12	..	..	60	16	8	..	..	..	..	15	..	..	42	696	..	265	..	..	30	24	..	62,500	16	185	3 18 6	4 1 6
Korong Division	1,468	520	280	..	2,268	2	20	..	..	22	3	11	..	..	..	..	..	6	..	16	264	..	196	..	..	50	33	..	19,500	17	71	3 5 0	4 2 0
Redbank and St. Arnaud South Subdivisions	234	51	73	..	358	..	..	..	..	12	2	1	8	..	..	..	..	..	..	5	80	..	36	..	..	2	1	..	7,307	11½	27	3 16 0	4 0 0
St. Arnaud North Subdivision	113	102	200	..	415	..	..	..	..	11	..	..	7	..	..	..	2	..	..	13	266	..	62	..	..	12	17	..	28,300	7	65	3 0 0	3 19 6
Totals	5,974	3,203	2,004	12	11,193	68	2,037	65	..	424	80	71	154	..	102	2	85	138	7	110	2,017	..	830	2	..	135	115	..	309,998	82	568		
CASTLEMAINE.																															
Castlemaine Division	530	400	792	..	1,722	4	73	5	..	118	2	..	94	..	17	..	63	..	..	46	780	..	314	..	..	30	50	..	77,206	9½	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	..	18	435	..	146	2	2	8	15	..	63,538	28½	36	3 19 0	3 19 3
Heptburn Division	536	700	850	4	2,090	1	26	1	..	39	3	50	190	..	80	..	..	10	1	36	612	3	227	1	..	85	62	..	40,991	32	88	3 17 6	3 19 6
Taradale and Kyneton Subdivision	80	200	310	..	590	4	89	..	..	12	..	..	9	..	3	..	..	..	..	17	370	..	156	..	..	20	..	..	30,433	22	19	3 17 6	3 18 0
Tarrangower Division	132	246	535	..	913	2	20	..	..	25	..	..	24	..	56	..	..	16	..	37	898	..	309	..	..	49	51	..	63,545	4½	74	3 18 0	4 0 3
St. Andrew's Division	350	130	155	..	635	..	..	..	..	5	..	..	..	..	..	..	..	..	..	8	96	..	46	..	..	2	..	..	5,701	15½	70	3 19 0	4 1 6
Blue Mountain North Subdivision	67	4	..	..	71	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	11	..	8	..	1	..	..	..	1,150	4½	4	3 17 0	3 17 6
Totals	2,645	2,548	3,125	4	8,322	16	296	7	..	276	11	65	623	..	194	2	71	62	1	164	3,202	3	1,206	3	3	194	178	..	282,624	166¼	394		
ARARAT.																															
Ararat Division	270	510	9	..	789	5	47	1	..	14	8	12	25	..	12	..	2	14	..	9	125	..	62	..	..	3	2	..	20,280	34	26	3 18 0	3 18 0
Pleasant Creek Division	348	160	1,025	25	1,558	5	90	..	..	1	..	..	25	..	..	..	25	36	..	31	900	..	328	..	..	48	10	1	94,490	27	37	3 12 0	4 1 6
Barkly Division	240	180	4	..	424	..	..	..	..	5	1	..	..	..	..	..	..	..	..	1	10	..	10	..	..	..	..	..	2,330	16	9	4 0 0	4 0 6
Raglan Division	295	139	22	..	456	5	78	..	..	19	9	1	4	..	1	..	..	..	..	1	12	..	8	..	..	..	2	..	5,500	6½	5	3 18 6	3 19 6
Totals	1,153	989	1,060	25	3,227	15	215	1	..	39	18	13	54	..	13	..	27	50	..	42	1,047	..	408	..	..	51	14	1	122,600	83¼	77		
GIPPSLAND.																															
Omeo Subdivision	101	355	..	..	456	..	..	..	..	..	..	..	875	2	21	21	..	..	..	1	17	2	23	..	..	..	..	..	5,310	10	19	3 12 0	3 19 6
Mitchell River and Boggy Creek Subdivisions	252	150	12	..	414	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	17	..	17	..	..	1	..	..	2,000	23	18	3 5 0	3 19 0
Crooked River Division	127	77	97	..	301	..	..	..	..	..	..	..	330	..	28	20	..	..	..	9	137	7	126	..	..	..	..	1	32,267	49½	348	3 15 0	3 19 3
Jericho Division	98	85	90	..	273	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	70	1	58	..	..	..	..	..	18,672	26	30	3 10 0	3 17 0
Donnelly's Creek Division	48	1	56	..	105	..	..	..	..	..	..	..	15	..	..	..	..	..	..	4	58	1	61	..	..	..	..	..	10,000	6½	17	3 10 0	3 16 0
Stringer's Creek Division	67	..	589	..	656	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18	424	1	157	1	..	1	..	..	72,042	8	25	3 15 0	3 16 0
Russell's Creek Division	180	2	32	..	214	..	..	..	..	3	..	..	150	..	10	5	..	..	..	2	20	2	16	..	..	2	..	..	2,800	4	14	3 0 0	3 17 6
Bendoc Subdivision	47	51	30	..	128	..	..	..	..	..	..	..	75	..	..	10	..	..	..	4	46	3	29	..	..	2	1	..	5,915	26	13	3 10 0	3 16 0
Tarwin Subdivision	386	12	22	..	420	1	10	..	..	11	22	..	65	..	..	..	..	..	..	1	10	..	4	..	..	2	..	..	1,084	3	4	3 16 0	3 18 0
Traralgon Subdivision	25	..	..	..	25	..	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	1½	1	3 16 0	3 18 6
Totals	1,331	733	928	..	2,992	1	10	..	..	14	22	..	1,517	2	59	56	..	..	..	46	799	16	491	1	..	8	1	1	150,115	157½	489		
GRAND TOTALS	21,355	13,810	16,606	103	51,874	356	9,501	297	12	1,187	244	257	17,889	12	614	221	196	432	23	789	15,362	74	6,594	39	8	685	632	5	2,127,605	1,048½	3,307		

R. BROUGH SMYTH,
Secretary for Mines.

Office of Mines, Melbourne, 15th October 1873.

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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 30th September 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.	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.
BALLARAT.			Feet.	Tons.	oz. dwt. gr.	Ft. in.					Feet.	Feet.	Feet.	
Central Division	Dimock's Reef	Dimock's	200	50	0 7 0	3 to 4 0	W. 30°	N.	Dimock's Reef	Dimock's	200	200	200	At present swamped out, erecting additional machinery to draw the water.
	Temperance		450 to 750	1,500	0 10 21									Shaft sunk from a depth of 280 feet on the underlie of the reef.
	Hero Extended	Band of Hope	541	40	0 6 0	2 6	W. 55°	W. 2° N.	Hero Extended	Band of Hope	597	541	...	
Southern Division	Speedwell	Staffordshire	110	1,334	0 2 8	9 0	W. 70°	N. 15° W.	Speedwell	Staffordshire	220	200	200	
									Hopewell	Staffordshire	370	250	250	The company purpose sinking this shaft to a depth of 500 feet.
Bunhyong Division	Imperial	Hiscock's	200 to 320	2,170	0 3 12	9 0	W. 56°	N. 5° W.	New Homeward-bound	Homeward-bound	456	450	450	
Smythesdale Division														
Creswick Division	Port Phillip	Clunes	150 to 790	17,148	0 4 7*	2 to 30 0	(2) E. 30° (2) W. 30°	N. 8° E.	Port Phillip	Clunes	806	790	790	* Including gold from pyrites.
	New North Cluncs	Clunes	220 to 790	12,673	0 8 8*	2 to 30 0	W. 15°	N. 5° E.	New North Clunes	Clunes	1,012	790	1,005	
									Clunes Consols	Clunes	976	862	862	
Gordon Subdivision	Egerton	Big Hill	385 to 450	3,651	0 6 5	15 0	W. 9°	..	Black-horse	Big Hill	830	826	826	
Steiglitz Subdivision									Albion	Portuguese	866	855	...	
Blackwood Division and Blue Mountain South Subdivision	Sultan	Pioneer	165 to 400	1,682	1 5 12	1 to 2 0	5°	N. 11° W.	Sultan	Pioneer	503	400	400	
Ballan Subdivision														
BEECHWORTH.														
Beechworth Division	Reform	Reform	160	37	2 12 19	2 to 3 0	N.W.	W.	Homeward-bound	Homeward-bound	400	400	..	This company are now erecting machinery. The stone obtained looks well.
Yackandandah Division	Bigelow and Co.	Homeward-bound	320 to 330	1,228	0 7 0	4 0	W. 87°	N. 10° W.	Bigelow	Homeward-bound	340	330	..	
Indigo Division	Magenta	Magenta	200 to 230	500	0 4 0	3 to 6 0	W. 86°	N. 24° W.	Magenta	Magenta	320	220	220	
Buckland Division	Osborne and Co.	Champion	350	80	2 2 12									
Alexandra Subdivision									Britannia	Britannia	174	174	170	
Dry Creek Subdivision														
Benalla Subdivision														
Gaffney's Creek Subdivision	Great Eastern	Homeward-bound	150	250	0 6 3	16 0	S.W. 85°	N. 35° W.						
Wood's Point Subdivision	Hope	Morning Star	303	156	0 16 0	*1 6	E. 20°	N. 52° W.	McSiccar	Johnson's	220	220	220	* Flat vein in granite.
	All Nations	All Nations	300	500	0 3 1	3 3	W. 80°	N. 52° W.						
Big River Subdivision	Londonderry	Railway	400	550	0 4 14	2 0	E. 88°	N. 35° W.	Londonderry	Railway	400	400	400	* Granite dyke dipping N.W., quartz veins within it S.W.
	Luck's-all	Warner's	220	400	0 7 8	*1 6	S.W. 70°	N. 35° W.						
Mitta-mitta Division														
Jamieson Subdivision	Gleeson's	Sailor Bill's	200 to 300	1,467	0 16 17	..	E.	N. 27° W.						
SANDHURST.														
Sandhurst Division	Hustler's Reef	Hustler's	530	529	1 10 14	1 0	..	N. 40° W.						
	Victoria Quartz	Victoria	672	1,267	1 7 20	4 6	..	..	North Oldchum	Newchum	620	620	620	
	Lazarus No. 1	Newchum	612	1,164	2 0 21	2 9	..	..	Great Hustler's	Hustler's	838	730	730	
Kilmore Division														
Heathcote Division and Waranga South Subdivision	Costerfield	Costerfield	230 to 420	386	0 4 12	1 6	E. 60°	N. 20° W.	Costerfield	Costerfield	530	420	420	
Waranga North Subdivision	Schleswig Holstein	Mongolian	220	42	5 19 18	..	..	..						
MARYBOROUGH.														
Maryborough Division									Mariner's Reef	Mariner's	637	528	630	
									Bristol Hill Extended	Eastern	310	300	300	
									Bristol Hill Extended	Western	410	300	340	
Majorca Subdivision	Deed Bros.	Alfred	215	36	4 10 0	..	..	..						
Amherst Division	Croydon	Laura	130	520	0 3 7	30 0	W. 70°	N. 11° W.	Croydon	Laura	220	200	200	
Avoca Subdivision	United No. 2	Barnes' Plumb	160	249	1 7 15	2ft. 6in. to 3ft.	90°	N. 39° W.	United No. 2	Barnes' Plumb	160	160	..	
									Queen's Birthday	Bealiba	407	335	335	
Dunolly and Tarnagulla Divisions	Queen's Birthday	Bealiba	275 to 335	1,304	0 11 7	4 0	S. 40°	W.	United Poverty	Poverty	520	465	465	
	Welcome	Advance Bealiba	110	200	0 15 0	3 6	S. 30°	W.	Golden Hope Tribute	Sandstone	540	..	530	
									Victoria	Sandstone	500	500	500	
Korong Division	Fones	Fones	220 to 375	1,080	0 16 18	..	..	..						
Redbank and St. Arnaud South Subdivisions	New Isis	Oxonian	386	870	0 6 3	2 0	W. 45°	N.W.	New Isis	Oxonian	450	450	180	
St. Arnaud North Subdivision	Chrysolite Hill	Ballarat	380	484	0 14 12	1 6	..	N. 27° W.	Chrysolite Hill	Ballarat	381	380	344	Shaft to be sunk 100 feet deeper.
									Rising Star	Rising Star	406	400	400	Still sinking.
CASTLEMAINE.														
Castlemaine Division	Devonshire	Devonshire	200 to 280	801	1 0 7	3 0	W. 70°	N. 14° W.	Lewis's Amalgamated	Sebastopol	408	190	400	
	Walker and Co.	Wattle Gully	240	90	2 4 11	1 to 3 0	E. 66°	N. 4° W.	Clinker's Hill	Bolivia	331	300	300	
	Rowe Bros.	Cattle's	165	1,235	0 13 12	10 to 100 0	E. 36°	N. 14° W.						
Fryer's Creek Division	Black Hawk	Cattle's	170	310	1 15 11	4 0	E. 36°	N. 16° W.	Black Hawk	Cattle's	173	170	170	
	Fryers	Ferron's	200	70	0 14 13	1 0	W. 45°	N. 10° W.	Fryers'	Ferron's	365	300	300	Two lodes in this claim; the one referred to is Ferron's line of reef.
	Cornish	Cornish	380	5,973	0 6 23	6 0	S. 20°	N. 18° W.	Argus	Cornish	579	573	573	
Hepburn Division	North Cornish	Cornish	270 to 420	168	0 1 8	10 0	S. 20°	N. 18° W.	New Fear-not	Cornish	502	420	420	
Taradale and Kyneton Subdivision	Metcalfe Extended	Prince Albert	200	805	0 6 16	6 6	..	..						
Tarrangower Division	Eaglehawk Union	Eaglehawk	520	1,600	0 14 11	4 6	..	N. 12° W.	Central Eaglehawk	Eaglehawk	520	510	..	
									Eaglehawk Union	Eaglehawk	570	534	534	Shaft sunk on the reef, from the 200-foot level. Now driving and stoping the backs.
St. Andrew's Division	Union	Union	200	692	0 12 22	..	..	..						
Blue Mountain North Subdivision														
ARARAT.														
Ararat Division									Kangaroo	Campbell's	540	540	230	
									Magdala Q. M.	Cross Flat	1,251	800	..	Still sinking.
	Pleasant Creek North Cross	Cross and Flat	400 to 870	7,371	1 4 20	3 to 12 0	N.W. 26°	N. 54° E.	Newington & Pleasant Creek	Cross and Newchum	1,071	645	645	Still sinking.
Pleasant Creek Division	Crown Cross Reef	Flat Reef	810	425	2 1 8	3 to 4 0	..	..	South Scotchman's	Scotchman's	996	500	500	Still sinking.
	Oriental	Cross and Flat	460 to 640	1,279	1 14 21	..	..	..	Extended Cross	Cross	890	800	640	
									Pleasant Creek, North Cross	Cross and Flat	877	870	870	Still sinking.
									Crown Cross	Cross Flat	830	810	810	
Barkly Division														
Raglan Division									Rip and Tear	Rip and Tear	250	250	250	Still driving.
GIPPSLAND.														
Omeo Subdivision														
Mitchell River and Boggy Creek Subdivisions														
Crooked River Division	Beveridge	Hopeful	200	33	1 2 2	0 9	E. 85°	N.W.	Good Hope	Good Hope	700	500	700	
									Beveridge	Hopeful	200	200	200	
Jericho Division														
Donnelly's Creek Division														
	Long Tunnel	Cohen's	243 to 323	4,354	1 18 12	15 0	W. 80°	N. 32°	Long Tunnel	Cohen's	†404	423	423	† The depth is calculated from the adit level
Stringer's Creek Division	Walhalla	Cohen's	85 to 185	1,527	1 14 15	*4 to 5 0	W. 80°	N. 19° W.	Walhalla	Cohen's	†220	185	185	* The "diorite" or dyke stone met with in the upper workings appears to have followed the dip of the lode in its line of strike, hence there is no diorite in the lower level south of the north winze.
	North Gippsland	Cohen's	224	787	0 10 20	7 0	W. 70°	..	North Gippsland	Cohen's	†299	254	254	
Russell's Creek Division	Albion Tributers	Crossover	250	27	1 0 0	..	..	..						
Bendoc Subdivision														
	African	African	200	20	0 19 6	*0 6	S. 45° W.	S.	African	African	200	190	190	* In no quartz claims in this division has a well-defined reef yet been discovered, leaders averaging from 6 to 10 inches being the only indications obtained to the present.
Tarwin Subdivision														
	Ophir	Ophir	162	61	1 1 16	0 10	S. 45° W.	S.	Ophir	African	162	150	150	
									Golden Bar	African	100	70	70	
Traralgon Subdivision														

Office of Mines, Melbourne, 15th October 1873.

R. BROUGH SMYTH.

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 30th September 1873	127,086	9	164,774	18	291,861	7

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 30th September 1873	204,787	3

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 30th September 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.
9,450·65	53,934·13	35,698·40	1,010·424

Royal Mint,
Melbourne, 2nd October 1873.

E. W. WARD.

STATEMENT of VICTORIAN GOLD received at the Melbourne Branch of the ROYAL MINT during the Quarter ended 30th September 1873.

Gross Weight of Rough Gold.	Gross Weight of Gold Bullion.
oz.	oz.
8,493·64	37,432·57

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

Royal Mint,
Melbourne, 2nd October 1873.

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	84,633 0 0	0 5 13·75	23,582 13 8
Beechworth	21,138 11 0	0 9 5·15	9,739 3 0
Sandhurst	88,676 0 0	0 11 21·53	52,750 7 19
Maryborough	11,881 0 0	0 11 2·81	6,604 2 14
Castlemaine	32,346 0 0	0 9 5·42	14,920 19 6
Ararat	15,356 0 0	1 4 0·44	18,441 6 12
Gippsland	8,219 5 0	1 10 19·72	12,666 10 5
Total Quartz	262,249 16 0	0 10 13·87	138,705 2 16
Quartz Tailings and Mullock.			
Ballarat	...	...	...
Beechworth	70 0 0	0 1 16·00	5 16 16
Sandhurst	927 0 0	0 1 11·13	67 17 0
Maryborough	1,579 0 0	0 2 6·77	180 3 6
Castlemaine	749 0 0	0 1 1·61	39 19 6
Ararat	...	...	...
Gippsland	...	...	...
Total Quartz Tailings, &c.	3,325 0 0	0 1 18·41	293 16 4
Pyrites and Blanketings operated on.			
Ballarat	317 0 0	2 11 18·74	820 14 12
Beechworth	41 0 0	2 1 22·83	86 0 0
Sandhurst	722 0 0	2 17 18·84	2,086 1 0
Maryborough	57 10 0	2 8 16·28	139 19 0
Castlemaine	...	...	...
Ararat	...	...	...
Gippsland	74 0 0	2 9 15·56	183 14 0
Total Pyrites and Blanketings ...	1,211 10 0	2 14 17·98	3,316 8 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.

Office of Mines,
Melbourne, 15th October 1873.

R. BROUGH SMYTH,
Secretary for Mines.

MINING SURVEYORS AND REGISTRARS' RETURNS.

QUARTZ.

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

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
CENTRAL DIVISION.					
Temperance	Little Bendigo ...	1,500 0 0	0 10 21·32	816 13 0	450 to 750 feet
Jarvie and Co.	... ...	1,300 0 0	0 0 16·10	48 12 5	30 feet
Red, White, and Blue ...	Little Bendigo ...	836 0 0	0 5 6·94	221 2 0	40 feet
Tunnel	Little Bendigo ...	240 0 0	0 6 16	80 0 0	80 feet
Evening Star	Little Bendigo ...	40 0 0	0 6 0	12 0 0	541 feet
Llanberris	Gum-tree Flat ...	7,186 0 0	0 1 21·65	683 11 0	200 and 300 feet
Red Streak	Poverty Point ...	1,602 0 0	0 2 0·01	160 5 6	320 feet
Sovereign	Canadian	3,240 0 0	0 3 22·07	635 0 0	500 to 700 feet
Queen Victoria	Canadian Hill... ...	5,107 0 0	0 1 12·73	390 16 12	160 to 260 feet
Middling and Co. ...	Sailor's Gully ...	130 0 0	0 10 0	65 0 0	40 feet
Gregory and Co.... ...	Sailor's Gully ...	40 0 0	0 10 0	20 0 0	40 feet
Welcome	Dead-horse	200 0 0	0 4 19·92	48 6 0	60 feet
Majestic	Black Hill	135 0 0	0 10 0	67 10 0	25 to 30 feet
Black Hill South ...	Black Hill Flat ...	100 0 0	1 12 0	160 0 0	240 feet
Norman	Little Bendigo ...	120 0 0	0 7 12	45 0 0	70 feet
Black Hill	Black Hill Flat ...	1,479 0 0	0 8 3·19	601 8 21	270 and 320 feet
Britannia	Specimen Gully ...	620 0 0	0 9 3·35	283 6 17	130 feet
Endeavor	Specimen Gully ...	1,123 0 0	0 3 6·24	183 1 6	200 feet
Don	Gum-tree Flat ...	490 0 0	0 3 19·10	93 0 0	170 feet
Parade	Ballarat East	450 0 0	0 11 12·61	259 6 12	150 feet
Duchess	Ballarat East	240 0 0	0 11 8·25	136 2 12	80 feet
Two-ton	Black Hill	450 0 0	0 3 6·66	73 15 0	60 feet
Black Hill West	Black Hill Flat ...	212 0 0	0 3 8·19	35 8 10	60 to 160 feet
Dimock's Reef	Little Bendigo ...	50 0 0	0 7 0	17 10 0	25 feet
	Totals	26,890 0 0	0 3 19·69	5,136 15 5	
SOUTHERN DIVISION.					
Speedwell	Staffordshire Reef ...	1,334 0 0	0 2 8	155 12 16	110 feet
Hopewell	Staffordshire Reef ...	765 0 0	0 3 0	114 15 0	30 to 50 feet
	Totals	2,099 0 0	0 2 13·83	270 7 16	
BUNINYONG DIVISION.					
Tower Hill	Tower Hill Reef ...	683 0 0	0 3 12·28	119 18 18	175, 210, and 240 feet
Imperial	Hiscock's Reef ...	2,170 0 0	0 3 22·54	427 8 0	200, 260, and 320 feet
New Homeward-bound ...	Homeward-bound Reef...	1,162 0 0	0 2 9·14	138 6 18	200, 250, and 450 feet
	Totals	4,015 0 0	0 3 9·97	685 13 12	
CRESWICK DIVISION.					
Port Phillip	Clunes Reefs	17,148 0 0	0 3 23·34	3,406 1 0	150 to 790 feet
New North Clunes ...	Clunes Reefs	12,673 0 0	0 7 15·67	4,849 6 9	220 to 790 feet
Lothair	Clunes Reefs	6,047 0 0	0 3 3·81	955 1 0	270 feet
	Totals	35,868 0 0	0 5 3·25	9,210 8 9	
GORDON SUBDIVISION.					
Egerton	Egerton	3,651 0 0	0 6 5·88	1,140 1 0	385 to 450 feet
Black-horse	Egerton	954 0 0	0 3 23·52	189 17 0	560 feet
Parker's Extended ...	Gordon	2,180 0 0	0 10 15·28	1,159 8 0	100 to 200 feet
	Totals	6,785 0 0	0 7 8·10	2,489 6 0	
STEIGLITZ SUBDIVISION.					
Albion	Steiglitz	189 0 0	0 11 17·90	111 0 0	
New Albion	Steiglitz	373 0 0	1 2 11·96	419 12 0	
Dividend	Steiglitz	114 0 0	0 17 18·73	101 7 0	
Daylight Reef	Steiglitz	10 0 0	1 10 0	15 0 0	
Happy-go-Lucky ...	Steiglitz	35 0 0	1 3 10·28	41 0 0	
Harp of Erin	Elaine	85 0 0	0 6 8·47	27 0 0	
Souter Johnny	Elaine	45 0 0	1 17 18·66	85 0 0	
Minerva	Elaine	60 0 0	2 0 16	122 0 0	
Clark and Baldy	Elaine	17 0 0	1 4 16·94	21 0 0	
Shamrock	Elaine	25 0 0	1 9 14·40	37 0 0	
Victoria	Elaine	60 0 0	1 10 0	90 0 0	
Great Britain	Elaine	57 0 0	0 4 17·68	13 10 0	
Northumberland	Elaine	30 0 0	1 1 8	32 0 0	
Elephant and Castle ...	Elaine	70 0 0	0 3 17·14	13 0 0	
St. Andrew	Elaine	24 0 0	0 8 0	9 12 0	
Morning Star	Elaine	48 0 0	0 11 6	27 0 0	
Swiss	Elaine	17 0 0	0 7 15·53	6 10 0	
Arnold and Co.	Elaine	85 0 0	1 3 18·35	101 0 0	
	Totals	1,344 0 0	0 18 22·47	1,272 11 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.
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Sultan	Barry's Reef	1,682 0 0	1 5 12·40	2,145 19 0	165 to 400 feet
Mounter Bros.	Barry's Reef	166 0 0	6 9 21·69	1,078 4 0	165 feet
Sultana Tributers No. 1 ...	Barry's Reef	437 0 0	0 9 10·22	205 19 0	100 feet
Sultana Tributers No. 3 ...	Barry's Reef	82 0 0	0 3 13·39	14 11 18	60 feet
Great Tunnel	Johnston's Reef ...	900 0 0	0 2 7·64	104 6 8	240 feet
All Nations	Manheim Reef ...	206 0 0	0 5 17·59	59 1 0	45 feet
Morning Star	Bald Hill	270 0 0	0 5 11·56	74 0 0	60 feet
Red, White, and Blue ...	Wright's Reef ...	264 0 0	0 2 8·55	31 2 0	50 feet
North Britain	Wright's Reef ...	268 0 0	0 9 18·38	131 1 12	40 to 90 feet
Undaunted	Blakeville	300 0 0	0 10 6·88	154 6 0	100 to 160 feet
Cornish	Simmons' Reef ...	170 0 0	0 14 17·93	125 7 0	270 feet
Kent	Simmons' Reef ...	587 0 0	0 2 5·72	65 14 0	208 feet
Crown	Simmons' Reef ...	400 0 0	0 1 3·60	23 0 0	100 feet
Big Hill	Simmons' Reef ...	1,800 0 0	0 2 18·67	250 0 0	100 feet
	Totals	7,532 0 0	0 11 20·39	4,462 11 14	
BALLAN SUBDIVISION.					
Ashton's	... ...	100 0 0	0 11 0	55 0 0	100-foot level

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.					
Reform	Myrtleford	37 0 0	2 12 19·94	97 14 18	160 feet
Watkins and Co.	Myrtleford	9 0 0	1 1 5·33	9 11 0	30 feet
Golden Bar	Six-mile Creek ...	87 0 0	0 5 0	21 15 0	10 feet
Lapeltrie and Co. ...	Six-mile Creek ...	15 0 0	0 3 0	2 5 0	30 feet
Ralston and Co.	Six-mile Creek ...	20 0 0	0 10 0	10 0 0	50 feet
Dunn and Co.	Basin Creek	16 0 0	0 7 0	5 12 0	12 feet
Magpie	Basin Creek	26 0 0	0 9 0	11 14 0	120 feet
Waterloo	Barwidgee	80 0 0	0 5 0	20 0 0	Not stated
Wallaby	Hurdle Flat	650 0 0	0 6 3·69	200 0 0	Surface
Kingston	Hurdle Flat	128 0 0	0 13 9·37	85 14 0	50 feet
Sunday Reef	Three-mile Creek ...	17 0 0	1 10 0	25 10 0	70 feet
Stanley	Stanley	8 0 0	0 3 12	1 8 0	Surface
Rechabite	Hurdle Flat	15 0 0	1 17 0	27 15 0	90 feet
	Totals	1,108 0 0	0 9 8·81	518 18 18	
YACKANDANDAH DIVISION.					
Bigelow and Co. ...	Homeward-bound Reef, Hillsborough	1,228 0 0	0 7 0	429 16 0	300 to 320 feet
Harvey and Co.	Birthday Reef, Hillsborough	20 0 0	0 6 0	6 0 0	About 50 feet
Kelly and Co.	Bon Accord Reef, Hillsborough	21 0 0	0 5 0	5 5 0	About 40 feet
	Totals	1,269 0 0	0 6 22·82	441 1 0	
INDIGO DIVISION.					
Magenta	Magenta Reef	500 0 0	0 4 0	100 0 0	200 to 230 feet
Suffolk	Suffolk Reef	16 10 0	0 18 4·36	15 0 0	110 feet
Various companies ...	R. Burns' Reef ...	69 0 0	1 0 14·24	71 0 23	80 to 100 feet
Various companies ...	Happy-go-Lucky Reef ...	70 0 0	0 9 11·65	33 4 0	20 to 160 feet
Various companies ...	Various reefs	87 16 0	0 14 5·68	62 10 0	Surface to 100 feet
Harris and Co.	Harris's Reef	46 0 0	1 2 14·60	52 0 0	60 to 90 feet
Bone and Co.	Garibaldi	8 0 0	2 5 0	18 0 0	50 to 110 feet
Wilson and Co.	Price's Reef	8 0 0	2 2 12	17 0 0	60 to 100 feet
Cooper and Co.	Pipeclay	37 0 0	0 12 7·13	22 15 0	120 to 130 feet
Various companies ...	Various reefs	23 0 0	0 16 4·17	18 12 0	Surface to 60 feet
Various companies ...	Good Hope Reef ...	200 0 0	0 19 19·20	198 0 0	Surface to 110 feet
	Totals	1,065 6 0	0 11 9·99	608 1 23	
BUCKLAND DIVISION.	*Harrietville.*				
Law, Hanna, and Co. ...	United Miners' Reef ...	1,200 0 0	0 7 0	420 0 0	300 feet
Robins and Co.	Johnson's Tribute Reef ...	84 0 0	0 7 2·57	33 0 0	90 feet
Johnson, Morgan, and Co. ...	Southern Cross Reef ...	350 0 0	0 5 18·51	101 0 0	80 feet
Beveridge and Harrison ...	Sunrise Reef	98 0 0	1 12 20·57	161 0 0	200 feet
Osborne and Co. ...	Champion Reef ...	80 0 0	2 2 12	170 0 0	350 feet
Hoskins and Co.	Champion No. 1 Reef ...	98 0 0	1 0 0	98 0 0	Not stated
	Ovens River.				
Osborne, Hazelton, and Co.	Homeward-bound Reef ...	1,000 0 0	0 9 18·33	488 4 0	150 feet
H. R. Brown	Harp of Erin Tribute Reef	200 0 0	0 10 0	100 0 0	150 feet
	Running Creek.				
Happy Valley	Happy Valley, Porepunkah, & Christmas Reefs	1,792 0 0	0 4 12·21	404 0 0	500, 104, and 100 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.*	*Morse's and Growler's Creeks.*	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Taylor and Co.	Heape's Old Reef ...	21 0 0	0 8 13·71	9 0 0	Not stated
Dunphy and Co.	Water Lily Reef ...	20 0 0	0 2 0	2 0 0	Not stated
McGill, Clingin, and Co. ...	Hillsborough Reef ...	250 0 0	1 1 2·88	264 0 0	150 feet
J. A. Wallace	Peabody Reef ...	157 0 0	1 6 16·96	209 13 0	180 feet
Associated Claims ...	Prince Arthur Reef ...	1,040 0 0	0 5 21·93	307 10 12	200 feet
E. M. Gill	Home Reef	450 0 0	0 3 12·26	79 0 0	150 feet
Spashett and Co. ...	Constitutional Reef ...	18 0 0	2 17 18·66	52 0 0	Not stated
R. Rowe	Berkshire Reef ...	9 0 0	1 0 0	9 0 0	70 feet
Fletcher and Co.	Western Reef ...	23 0 0	0 10 0	11 10 0	Surface
R. Snell	John Bull Reef ...	4 0 0	0 5 12	1 2 0	Surface
Cornish United	Alpine and Sanden Reef	1,780 0 0	0 5 1·34	450 0 0	35 to 70 feet
Hood and Coutts ...	Try Again Reef ...	177 0 0	0 16 18·16	148 6 0	60 to 200 feet
McLean, Lloyde, and Co. ...	English and Welsh Reef	70 0 0	2 0 17·14	142 10 0	30 feet
Hazelton and Duncan ...	Queen of the South Reef	40 0 0	3 6 0	132 0 0	Not stated
	Buckland.				
J. A. Wallace	Miner's Right Reef ...	173 0 0	0 13 17·95	118 18 12	150 feet
Niall and Co.	Chance Reef	26 0 0	0 13 20·30	18 0 0	30 feet
J. Monaghan	Ireland Reef	18 0 0	2 0 0	36 0 0	28 feet
	Totals	9,178 0 0	0 8 15·40	3,965 14 0	
ALEXANDRA SUBDIVISION.					
Menoni and party ...	3 & 4 Durham Reef ...	44 0 0	0 8 14·73	18 19 0	70 feet
Marlo and party	1 & 2 North Union Reef	11 0 0	0 5 15·27	3 2 0	15 feet
Albion	Albion Reef	22 0 0	0 8 12	9 7 0	50 feet
Lewis and party ...	Albion Reef	6 0 0	0 6 22	2 1 12	100 feet
Erskine and party ...	Stranger's Reef ...	3 0 0	0 9 0	1 7 0	30 feet
Aughtie and party ...	Livingstone Reef ...	7 0 0	0 18 20·57	6 12 0	20 feet
C. Bosse and party ...	Perseverance Reef ...	9 0 0	0 5 4	2 6 12	40 feet
Jones and party	True Briton Reef ...	3 0 0	0 5 20	0 17 12	30 feet
Prospecting party ...	New Zealand Reef ...	10 0 0	0 5 18·60	2 17 18	60 feet
Osborne and party ...	Triumph Reef ...	8 0 0	0 7 9	2 19 0	50 feet
J. Jones and party ...	Poverty Reef	20 0 0	2 3 10·80	43 9 0	Surface to 20 feet
	Totals	143 0 0	0 13 3·23	93 18 6	
GAFFNEY'S CREEK SUBDIVISION.					
A 1	Castle Reef	200 0 0	0 7 17·88	77 9 0	150 feet
Great Eastern	Homeward-bound Reef...	500 0 0	0 5 12·38	137 18 0	150 feet
Gaffney's Creek	Homeward-bound Reef...	600 0 0	0 5 1·29	151 12 7	120 feet
Victoria	Homeward-bound Reef...	300 0 0	0 1 23·30	29 11 8	150 feet
City of Columbus ...	Wallaby Reef ...	200 0 0	0 1 12·12	15 1 0	Surface
	Totals	1,800 0 0	0 4 13·75	411 11 15	
WOOD'S POINT SUBDIVISION.					
Hope	Morning Star Reef ...	420 0 0	0 11 4·49	234 18 12	300 feet
Telegraph	Waverley Reef ...	150 0 0	0 2 8·16	17 11 0	120 feet
Franklin	Franklin Reef ...	250 0 0	0 4 17·57	59 3 0	300 feet
Prince of Wales	All Nations Reef ...	100 0 0	1 2 21·60	114 10 0	150 feet
All Nations	All Nations Reef ...	500 0 0	0 3 1·44	76 10 0	300 feet
Leviathan	Leviathan Reef ...	25 0 0	0 2 22·08	3 13 0	100 feet
Oriental	Oriental Reef ...	90 0 0	0 1 16·27	7 11 0	150 feet
Golden Star	Oriental Reef ...	600 0 0	0 4 18·68	143 7 0	150 feet
	Totals	2,135 0 0	0 6 3·75	657 3 12	
BIG RIVER SUBDIVISION.					
Londonderry	Railway Reef... ...	1,100 0 0	0 3 19·20	209 0 0	400 feet
Luck's-All	Warner's Reef ...	800 0 0	0 5 22·80	238 0 0	250 to 300 feet
	Totals	1,900 0 0	0 4 16·93	447 0 0	
JAMIESON SUBDIVISION.					
Gleeson's Lease	Sailor Bill's Creek ...	1,467 0 0	0 16 17·14	1,226 0 0	200 and 300 feet
Venture	Mack's Creek ...	700 0 0	1 3 18·51	832 0 0	200 feet
Queen of the Alps ...	Swampy Creek ...	91 0 0	0 17 11·34	79 10 0	200 feet
Alabama	Flume Creek	6 5 0	3 18 22·56	24 13 9	150 feet
Albion	Swampy Creek ...	276 0 0	0 1 13·02	21 5 18	
	Totals	2,540 5 0	0 17 4·58	2,183 9 3	

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.	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
Koch's Pioneer	Long Gully	10,598 0 0	0 14 10·46	7,649 15 0	
Lazarus New-chum ...	New-chum Gully ...	1,574 0 0	1 12 8·56	2,546 10 0	
Wilson's Reef	Marong	1,150 0 0	0 6 20·99	395 6 0	
Nil Desperandum ...	Raywood	3,630 0 0	0 3 9·13	613 12 0	
G. G. Consolidated ...	Glasgow Reef ...	3,824 0 0	0 12 15·42	2,417 6 11	
Great Extended Hustler's ...	Hustler's Reef ...	6,500 0 0	0 16 3	5,240 13 0	
Great Hustler's	Hustler's Reef ...	546 0 0	0 4 13·14	124 3 0	
Hustler's Reef	Hustler's Reef ...	2,524 0 0	0 19 8·20	2,440 19 0	
Comet	Redan Hill ...	15 0 0	1 2 13·60	16 18 12	
Victoria Consols... ...	Victoria Reef ...	5,224 0 0	0 4 7·46	1,126 0 0	
Victoria Reef	Victoria Reef ...	2,555 0 0	0 9 11·14	1,209 1 0	
Metropolitan	Golden Square ...	3,194 0 0	0 9 13·83	1,529 7 0	
Johnson's Reef	Johnson's Reef ...	3,324 0 0	1 6 14·77	4,423 10 0	
Beehive	Devonshire Reef ...	2,600 0 0	0 4 20·03	628 10 22	
Louisa	Devonshire Reef ...	3,649 0 0	0 12 17·94	2,325 16 0	
Catherine Reef United ...	Catherine Reef	2,982 0 0	0 7 1·40	1,052 8 0	
Pioneer	Eagle Reef	3,965 0 0	0 5 11·61	1,087 4 0	
W. Rae	Happy Valley ...	2,560 0 0	0 8 1·21	1,030 10 0	
Marong Crushing Works ...	Marong	541 0 0	0 4 15·70	125 18 0	
Fortuna Crushing Works ...	New-chum Gully ...	1,598 0 0	0 16 16·56	1,333 11 0	
Albert	Diamond Hill... ...	1,143 0 0	0 11 10·95	654 14 15	
Bendigo and Melbourne ...	Kangaroo Flat ...	2,526 0 0	0 7 9·29	933 0 0	
South Alliance	Golden Square ...	703 0 0	0 6 17·41	236 8 12	
Great Britain	Golden Square ...	2,780 0 0	0 3 21·47	541 8 0	
South Fraser's	Golden Square ...	1,072 0 0	0 18 8·59	983 19 22	
Shellback	Shellback Reef ...	900 0 0	0 14 3·20	636 0 0	
Roberts Bros.	Specimen Hill ...	40 0 0	0 17 16·80	35 8 0	
Old Tom	Whipstick	350 0 0	0 2 3	37 3 18	
Wallace Reef	Whipstick	167 0 0	0 4 12·07	37 12 0	
Barkly Reef	Elysian Flat	368 0 0	0 2 21·58	53 7 0	
Wallaby Reef	Shelbourne	330 0 0	0 4 18·37	78 12 15	
New Nelson Reef ...	Nelson Reef	3,350 0 0	0 14 2·23	2,360 12 0	
Abe Lincoln	New-chum Reef ...	2,880 0 0	1 0 0	2,880 0 0	
Garden Gully United ...	Garden Gully Reef ...	880 0 0	0 10 2·97	445 9 0	
Golden Fleece	Stafford Reef	4,502 0 0	0 17 0·67	3,833 0 0	
	Totals... ...	84,544 0 0	0 12 1·91	51,063 14 7	
KILMORE DIVISION.					
Ryan and Co.	Ryan's Reef	316 0 0	0 5 0	79 0 0	About 60 feet
Sunday Creek	Ryan's Reef	460 0 0	0 5 0	115 0 0	About 60 feet
	Totals	776 0 0	0 5 0	194 0 0	
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
Costerfield G. and A. ...	Costerfield	386 0 0	0 4 12·37	87 3 0	From 230 to 420 feet
Richard Blake	Various places ...	90 0 0	0 10 16 ·	48 0 0	Various depths
George Archbold ...	Various places ...	223 0 0	1 4 23·19	278 7 12	Various depths
John Collins	Redcastle	63 0 0	0 13 7·61	41 19 0	Various depths
	Totals	762 0 0	0 11 22·91	455 9 12	
WARANGA NORTH SUBDIVISION.					
Balaclava	Balaclava Hill, Whroo...	1,000 0 0	0 1 17·04	85 10 0	Surface, &c.
Various	White Hills and Fontainebleau	116 0 0	1 7 14·07	160 0 0	20 feet, dry
A. Darroch and Co. ...	Whroo	7 0 0	2 8 13·71	17 0 0	100 feet, dry
Walsh and Co.	White Hills	12 0 0	1 13 20	20 6 0	18 feet, dry
Evans and Co.	Fontainebleau... ...	20 0 0	0 15 16·20	15 13 12	
Manuel and Co.	Whroo	14 0 0	6 0 8·57	84 5 0	100 feet, dry
Mengotti and Co. ...	Black Joe's Reef, Rushworth	8 0 0	1 1 18	8 14 0	40 feet, dry
Scurry and Wilson ...	Growler's Hill, Rushworth	48 0 0	0 14 22	35 16 0	120 feet, dry
Lyons and Co.	Cumberland Reef, Rushworth	4 0 0	1 7 12	5 10 0	100 feet
Tucker and Co.	White Hills	23 0 0	0 11 3·13	12 16 0	
Schleswig-Holstein ...	Mongolian Reef, Rushworth	42 0 0	5 19 18·85	251 11 0	220 feet
Various	Rushworth	360 0 0	0 3 4·76	57 11 12	Various
Groombridge and Co. ...	Coy's Diggings ...	7 0 0	1 15 3·43	12 6 0	40 feet
Johnson and Co.... ...	Coy's Diggings ...	10 0 0	4 8 16·80	44 7 0	35 feet
Various	Coy's Diggings ...	33 0 0	0 12 16	20 18 0	47 to 120 feet
Cherry-tree	Coy's Diggings ...	800 0 0	0 4 0	160 0 0	
Kent	Coy's Diggings ...	90 0 0	0 10 0	45 0 0	
	Totals	2,594 0 0	0 7 23·92	1,037 4 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.	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Penny and Claussen ...	Public crushings ...	854 0 0	0 12 18·85	545 19 0	Various
Johnston and Sons ...	Public crushings ...	647 0 0	0 11 21·51	384 17 0	Various
Mariners' Reef	Public crushings ...	130 0 0	0 11 13·70	75 4 6	Various
	Totals	1,631 0 0	0 12 8·06	1,006 0 6	
MAJORCA SUBDIVISION.					
Deed Brothers	Alfred Reef, German Gully	36 0 0	4 10 0	162 0 0	215-foot level, 10-inch lode
AMHERST DIVISION.					
Croydon	Laura Reef	520 0 0	0 3 7·43	86 1 0	100 to 130 feet
Williams and Usher ...	Specimen Reef ...	26 0 0	1 3 1·84	30 0 0	15 feet
Gray and Co.	Laura Reef	104 0 0	0 4 0	20 16 0	20 feet
Evans and Co.	Hereford Reef ...	64 0 0	0 10 1·59	32 4 6	40 feet
Fenton and Co.	Prince of Wales Reef ...	132 0 0	1 1 0·91	138 17 0	70 to 94 feet
Busch and Co.	Prince of Wales Reef ...	45 0 0	1 8 16·53	64 11 0	60 to 80 feet
Wittenden and Co. ...	Whipstick Reef ...	18 0 0	0 4 22·66	4 9 0	40 feet
Sundries	Various parcels ...	50 0 0	0 2 0	5 0 0	
	Totals	959 0 0	0 7 23·15	381 18 6	
AVOCA SUBDIVISION.					
United No. 2	Barnes' Reef	249 0 0	1 7 15·42	344 3 0	100 feet
Murdoch	Sliding Rock	25 0 0	0 8 14·40	10 15 0	
Kiehl and Co.	Vale's Reef	12 0 0	1 11 10	18 17 0	150 feet
Reher and Co.	West of England Reef ...	17 0 0	1 2 22·59	19 10 0	
Griffiths	West of England Reef ...	5 0 0	0 7 0	1 15 0	
Hall	Compensation Reef ...	8 0 0	0 5 12	2 4 0	
Hall	Magenta Reef ...	5 0 0	0 3 9·60	0 17 0	
Coad and Date	Luck's-all Reef ...	8 0 0	0 4 12	1 16 0	
	Totals	329 0 0	1 4 7·37	399 17 0	
DUNOLLY AND TARNAGULLA DIVISIONS.					
Queen's Birthday ...	Bealiba Reef	1,304 0 0	0 11 7·84	738 10 3	275 to 335 feet
Welcome Claim	Advance Bealiba Reef ...	200 0 0	0 15 0	150 0 0	110 feet
	Specimen Reef ...	56 0 0	0 7 5·57	20 5 0	150 feet
Ruddock and Allen ...	Specimen Reef ...	29 0 0	1 5 12·41	37 0 0	90 feet
Drayton and Co.	Advance Bealiba Reef ...	50 0 0	0 12 0	30 0 0	50 feet
Chapple and Co.	Royal George Reef ...	60 0 0	0 6 12·80	19 12 0	75 feet
	Eclipse Reef	9 0 0	0 15 0	6 15 0	
Kern and Stone	Break-o'-Day Reef ...	70 0 0	0 6 10·28	22 10 0	60 feet
	Star Reef	4 0 0	0 2 12	0 10 0	
	Totals	1,782 0 0	0 11 12·12	1,025 2 3	
KORONG SUBDIVISION.					
Catto's	Prince of Wales Reef, Wehla	739 0 0	0 9 23·35	368 10 0	70 feet, water-level 90 feet
Fones	Fones' Reef, Burke's Flat	1,080 0 0	0 16 18·88	906 10 0	220 to 375 feet, water-level 100 feet
Metcalfe and party ...	May Reef, Inglewood ...	50 0 0	0 5 0	12 10 0	
British Sovereign ...	Wehla	364 0 0	0 2 7·80	42 6 8	300 feet
Milkmaid Reef	Jordan's	35 0 0	0 5 17·14	10 0 0	60 feet
Ritchie and party ...	Spring Flat	3 0 0	2 16 6	8 8 18	Surface veins
McGuigan and party ...	Honeymoon Reef, Inglewood	45 0 0	1 8 0	63 0 0	
Union	Greek's Reef, Inglewood	36 0 0	0 4 11	8 0 12	186 feet, water-level 160 feet
Emerald	Exhibition and Union Reefs	180 0 0	0 10 11	94 2 12	190 feet, water-level 175 feet
Gladstone	Godwin Reef, Inglewood	65 0 0	0 8 22·47	29 0 21	140 feet, water-level 130 feet
Opie's	Simmons' Reef, Inglewood	178 0 0	0 8 16·72	77 8 0	45 feet
REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.	Totals	2,775 0 0	0 11 16·18	1,619 16 23	
New Isis	Oxonian Reef	870 0 0	0 6 3·17	266 15 0	386 feet
Scott and Co.	Rubbly Reef	100 0 0	0 13 15	68 2 12	
ST. ARNAUD NORTH SUBDIVISION.	Totals	970 0 0	0 6 21·71	334 17 12	
Chrysolite	Ballarat Reef	484 0 0	0 14 12·64	351 11 0	380 feet
Wilson's Hill	Wilson's Hill	256 0 0	1 8 20·63	369 8 0	Surface to 350 feet
Rising Star	Rising Star Reef ...	1,800 0 0	0 7 13·33	680 0 0	Surface to 200 feet
New Bendigo	Bristol Reef	547 0 0	0 5 2·59	139 14 0	200 to 250 feet
Greenock	Greenock Reef ...	312 0 0	0 8 13·96	133 17 12	Surface to 130 feet
	Totals	3,399 0 0	0 9 20·47	1,674 10 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.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Volunteer	Volunteer Reef ...	323 0 0	0 19 2·15	308 6 0	
Dyason and Co.	Little Nuggety ...	100 0 0	1 17 4·80	186 0 0	
Nuggety Reef	Little Nuggety Reef ...	85 0 0	0 18 10·78	78 8 5	
Carter and Co.	Shellback Reef ...	243 0 0	1 5 19·26	313 10 0	
William Tell	Argus Flat	844 0 0	0 6 8·36	267 18 0	
Flint	Red Hill	259 0 0	0 11 0·83	142 18 0	
Walker and Co.	Wattle Gully	90 0 0	2 4 11·26	200 2 6	
Devonshire	Devonshire Reef ...	801 0 0	1 0 7·01	812 14 0	
Lewis and others ...	Various reefs ...	1,284 0 0	0 6 8·56	408 2 6	
Eureka Consols	Eureka Reef	173 0 0	0 14 5·95	123 5 0	
Pygmalion	Eureka Beef	95 0 0	0 11 3·05	52 17 2	
Trathan and Co.	Nuggety Reef ...	10 0 0	2 4 6·60	22 2 18	
Great Gordon	Great Gordon Reef ...	122 0 0	0 6 0	36 12 0	
North Middlesex	Bullock Reef	90 0 0	0 14 4·80	63 18 0	
Wattle Gully United and another	Wattle Gully	272 0 0	0 3 8·11	45 8 0	
Walker and Co.	Various reefs ...	1,040 0 0	0 5 10·41	282 11 12	
New Caledonia	Caledonia Reef ...	2,269 0 0	0 6 9·42	725 5 0	
New Caledonia Tribute No. 1	Caledonia Reef ...	682 0 0	0 5 21·92	201 13 0	
Great Britannia	Cranky Ned's ...	715 0 0	0 4 6·51	152 14 0	
	Totals	9,497 0 0	0 9 7·61	4,424 5 1	
FRYER'S CREEK DIVISION.					
Wilson and McDonald ...	German Gully ...	22 0 0	2 1 19·63	46 0 0	90 feet
Black Hawk	Cattle's Reef	310 0 0	1 15 11·61	550 0 0	170 feet
Perseverance	Cattle's Reef	150 0 0	0 5 0	37 10 0	180 feet
Small and Co.	Cattle's Reef	200 0 0	0 5 0	50 0 0	200 feet
Fryers'	Cattle's Reef	70 0 0	0 14 13·71	51 0 0	200 feet
Duke of Cornwall ...	Cattle's Reef	500 0 0	0 5 12	137 10 0	120 feet
Ferron's Reef	Ferron's Reef	1,430 0 0	0 4 14·76	330 0 0	120 to 190 feet
Rowe Brothers	Cattle's Reef	1,235 0 0	0 13 12·70	835 9 0	120 to 165 feet
	Totals	3,917 0 0	0 10 9·67	2,037 9 0	
HEPBURN DIVISION.					
Cornish	Cornish Reef	5,973 0 0	0 6 23·23	2,080 19 13	70 to 380 feet
New North Hepburn ...	Mauritius Reef ...	210 0 0	0 6 8	66 10 0	100 feet
Dunstan	Mauritius Reef ...	150 0 0	0 5 12	41 5 0	150 feet
Richardson and Co. ...	Richardson's Reef ...	70 0 0	0 6 5·14	21 15 0	30 feet
M. McDonald	Stony Creek	54 0 0	0 4 3·55	11 4 0	50 feet
J. H. Strack	Milkman's Reef ...	163 0 0	0 8 8·98	68 5 0	70 feet
South Argus	Cornish Reef	92 0 0	0 1 7·30	6 0 0	110 feet
Cornish and Crown ...	Crown Reef	57 0 0	0 2 10·94	7 0 0	200 feet
No. 1 Fear-not Tribute ...	Wombat Reef	69 0 0	0 11 7·30	39 0 0	160 feet
New Italian Hill	Italian Hill	103 0 0	0 10 5·12	52 12 0	210 feet
Helvetia	Wheelbarrow Point ...	138 0 0	0 3 2·26	21 7 0	70 feet
P. Lucini	Commissioner's Reef ...	314 0 0	0 2 15·24	41 7 12	20 feet
Peters and Co.	Don't-wake-'em ...	27 0 0	0 8 14·22	11 12 0	40 feet
Barkla's public mill ...	... ...	165 0 0	0 13 0·72	107 10 0	Various
Jenkins' public mill ...	... ...	390 0 0	0 8 9·84	164 0 0	Various
Freehold	Mauritius Reef ...	530 0 0	0 5 6·29	139 8 23	105 feet
Risk	Glengower	35 0 0	1 4 8·20	42 12 0	12 feet
Crown	St. George's Reef ...	70 0 0	0 2 9·17	8 6 18	70 feet
No. 1 South	St. George's Reef ..	846 0 0	0 6 19·07	287 8 11	200 feet
North Cornish	Cornish Reef	168 0 0	0 1 8·94	11 10 14	270 to 420 feet
Morrison and Co. ...	Yandoit	47 0 0	0 2 15·31	6 4 0	Shallow
Specimen Hill	Specimen Hill ...	150 0 0	0 18 3·36	136 1 0	
Cerberus	All Nations Reef ...	32 0 0	6 2 21	196 12 0	80 to 100 feet
	Totals	9,853 0 0	0 7 5·84	3,568 10 19	
TARADALE AND KYNETON SUBDIVISION.					
Eureka	Lauriston	7 0 0	1 0 0	7 0 0	
Central Energetic ...	Lauriston	291 0 0	0 12 4·57	177 7 12	150-foot level
Adventure	Taradale	330 0 0	0 17 0	280 10 0	190-foot level
Brandenberg	Malmsbury	72 0 0	0 5 0	18 0 0	75-foot level
Metcalfe Extended ...	Taradale	805 0 0	0 6 17·19	270 6 16	200-foot level
Malmsbury Reservoir ...	Malmsbury	50 0 0	1 7 0	67 10 0	60-foot level
Glengonner	Lauriston	118 0 0	0 12 0	70 16 0	186-foot level
Tommy Dodd	Malmsbury	1,950 0 0	0 7 0	682 10 0	189-foot level
	Totals	3,623 0 0	0 8 16·53	1,574 0 4	

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	Parkin's, Reef, Post-office, Nuggety, Eaglehawk, Beehive, Victoria	331 0 0	0 11 0·72	182 11 0	150 to 500 feet
Linscott's mills	Linscott's, German, Alick's, Swiper's	731 0 0	0 17 20·20	652 2 12	30 to 550 feet
Phœnix mills	Whittaker's, & Gardner's Reef	225 0 0	0 9 9·06	105 10 0	100 to 250 feet
Great Western	Beehive Reef	841 0 0	0 7 1·07	296 4 12	470 feet
Eaglehawk Union ...	Eaglehawk Reef ...	1,600 0 0	0 14 11·54	1,158 9 6	520 feet
Watson's Freehold ...	Otago Reef	154 0 0	0 7 3·42	55 0 0	150 feet
Union	Thornhill's Reef ...	200 0 0	0 7 0	70 0 0	300 feet
	Totals	4,082 0 0	0 12 8·30	2,519 17 6	
ST. ANDREW'S DIVISION.					
Union	Diamond Creek ...	692 0 0	0 12 22·71	447 19 0	200 feet
Perseverance	One-tree Hill ...	630 0 0	0 8 4·55	257 19 12	100 to 130 feet
Industrial	Warrandyte	5 0 0	8 11 14·40	42 18 0	70 feet
Marriott and Co. ...	Whiskey Reef, Caledonia	1·10 0	1 0 ·0	1 10 0	45 feet
Dogherty and Co. ...	Oram's Reef	2 0 0	2 6 0	4 12 0	170 feet
Hirt and Co.	German Reef	4 10 0	1 0 0	4 10 0	60 feet
Godwin and Co.	Oram's Reef	2 0 0	2 6 0	4 12 0	170 feet
Hopkinson and Co. ...	You-you	4 0 0	0 10 0	2 0 0	75 feet
Davis and Co.	Poverty Reef	12 0 0	0 3 16	2 4 0	40 feet
Dogherty and Co. ...	Oram's Reef	2 0 0	1 15 0	3 10 0	175 feet
Borelli and Co.	Oram's Reef	2 0 0	2 10 0	5 0 0	180 feet
Davis and Co.	Poverty Reef	2 0 0	0 6 0	0 12 0	40 feet
Auer and Co.	Excelsior	3 0 0	2 16 0	8 8 0	60 feet
Joyce and Co.	Catherine Reef ...	1 0 0	2 8 0	2 8 0	30 feet
Rickards and Co. ...	You-you	7 0 0	0 11 10·28	4 0 0	60 feet
No. 1 North	Oram's Reef	1 0 0	1 3 0	1 3 0	200 feet
Blue Jacket	Watery Gully ...	3 0 0	1 3 20	3 11 12	40 feet
	Totals	1,374 0 0	0 11 14·37	796 17 0	

ARARAT MINING DISTRICT.

PLEASANT CREEK DIVISION.					
Moonlight	Cross, Flat, and Scotchman's	3,296 0 0	1 4 23·51	4,116 13 0	300 to 800 feet
Newington (public crushings)	Various reefs	1,218 0 0	1 11 0	1,887 18 0	200 to 640 feet
Scotchman's	Cross, Flat, and Scotchman's	3,142 0 0	0 19 18·10	3,103 8 6	180 to 800 feet
Galatea	Cross, Scotchman's, and Darlington	3,202 0 0	1 4 18·38	3,965 0 0	100 to 870 feet
Wimmera	Scotchman's and Cross ...	4,498 0 0	1 3 20·88	5,368 7 6	200 to 870 feet
	Totals	15,356 0 0	1 4 0·44	18,441 6 12	

GIPPSLAND MINING DISTRICT.

BOGGY CREEK SUBDIVISION.					
Sons of Freedom ...	Sons of Freedom Reef ...	181 0 0	0 19 4·77	173 15 0	110 from the surface
CROOKED RIVER DIVISION.					
Good Hope	Good Hope Reef ...	380 0 0	0 16 10·08	312 14 0	20 to 80 feet
Garry Castle	Garry Castle Reef ...	58 0 0	0 4 3·60	12 0 11	80 feet
Garry Castle	Great Republic Reef ...	146 0 0	0 18 7·80	133 15 12	20 to 40 feet
Beveridge and Co. ...	Hopeful Reef	33 0 0	1 2 2·90	36 10 0	200 feet
Armstrong and Co. ...	Ballarat Reef	43 0 0	1 2 17·86	48 18 0	80 feet
Tasich and Co.	Comet Reef	5 0 0	0 17 20·40	4 9 6	Surface to 70 feet
Pioneer	Pioneer Reef	20 0 0	0 7 14·40	7 12 0	90 feet
	Totals	685 0 0	0 16 5·57	555 19 5	

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	184 0 0	0 14 3·13	130 0 0	
DONNELLY'S CREEK DIVISION.					
Bismark United	Company's tunnel ...	168 0 0	0 12 0	100 16 0	150 feet below surface
United Star	Company's tunnel ...	7 5 0	2 0 0	14 10 0	Creek level
	Totals	175 5 0	0 13 3·80	115 6 0	
STRINGER'S CREEK DIVISION.					
Long Tunnel	Cohen's Reef	4,354 0 0	1 18 9·08	8,355 0 0	243 and 323 feet below adit level
Walhalla	Cohen's Reef	1,527 0 0	1 14 15·08	2,643 18 0	85 and 185 feet below adit level
North Gippsland ...	Cohen's Reef	787 0 0	0 10 20·52	427 3 0	224 feet below adit level
My Dream	My Dream Reef ...	190 0 0	0 4 20·21	46 0 0	Above adit level
Cleveland	Tubal Cain Reef ...	18 0 0	1 4 12	22 1 0	12 feet
	Totals	6,876 0 0	1 13 10·38	11,494 2 0	
RUSSELL'S CREEK DIVISION.					
Albion Tributers ...	Crossover	27 0 0	1 0 0	27 0 0	250 feet
BENDOC SUBDIVISION.					
Albert	Albert Reef	10 0 0	8 10 0	85 0 0	40 to 45-foot level
TARWIN SUBDIVISION.					
African	Stockyard Creek ...	20 0 0	0 19 6	19 5 0	
Ophir	Stockyard Creek ...	61 0 0	1 1 16·52	66 3 0	
	Totals	81 0 0	1 1 2·07	85 8 0	

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.

BEECHWORTH DIVISION.					
Reform	Myrtleford	70 0 0	0 1 16	5 15 16	Surface

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.					
Hustler's Reef	Hustler's Reef ...	491 0 0	0 0 19·69	20 3 0	
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
Costerfield	Costerfield	186 0 0	0 3 20·13	35 14 0	Quartz tailings
John Collins	Redcastle	250 0 0	0 0 23·04	12 0 0	Mullock
	Totals	436 0 0	0 2 4·51	47 14 0	

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.					
Penny and Claussen ...	Public crushings ...	400 0 0	0 1 12	30 0 0	Tailings
AMHERST DIVISION.					
T. Bartlemore	Various parcels ...	715 0 0	0 2 3·02	76 0 0	
REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.					
Lancashire mill	... ...	390 0 0	0 2 9	46 6 6	
New Isis	Oxonian Reef... ...	74 0 0	0 7 12·65	27 17 0	
	Totals	464 0 0	0 3 4·72	74 3 6	

CASTLEMAINE MINING DISTRICT.

CASTLEMAINE DIVISION.					
Powell and Co.	Lucknow	331 0 0	0 1 14·80	26 15 6	
ST. ANDREW'S DIVISION.					
1st Hill	Warrandyte	72 0 0	0 0 14·33	2 3 0	
4th Hill	Warrandyte	346 0 0	0 0 15·32	11 1 0	
	Totals	418 0 0	0 0 15·15	13 4 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.					
Llanberris	Gum-tree Flat ...	47 0 0	1 2 9·95	52 13 12	
CRESWICK DIVISION.					
Port Phillip	Clunes Reefs	69 0 0	4 2 19·82	285 15 0	
New North Clunes ...	Clunes Reefs	181 0 0	2 10 11·80	456 19 0	
	Totals	250 0 0	2 19 9·98	742 14 0	
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.					
Sultana	Barry's Reef	10 0 0	2 0 0	20 0 0	
Undaunted	Blakeville	10 0 0	0 10 16·80	5 7 0	
	Totals	20 0 0	1 5 8·40	25 7 0	
BEECHWORTH MINING DISTRICT.					
BUCKLAND DIVISION.					
J. Stephens	Various mills	25 0 0	1 12 0	40 0 0	
WOOD'S POINT SUBDIVISION.					
W. F. Roberts and Co. ...	Purchased from Harbinger Co.	16 0 0	2 17 12	46 0 0	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
Sandhurst and Eaglehawk Pyrites Gold Extraction	Jackass Flat	312 0 0	3 9 9·46	1,082 11 0	
J. P. Spargo	Great Western Gully ...	298 0 0	2 6 21·90	699 0 0	
Koch's Pioneer	Long Gully	112 0 0	2 14 9	304 10 0	
	Totals	722 0 0	2 17 18·84	2,086 1 0	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Bennett and Sons ...	Mariner's Reef ...	3 0 0	2 3 8	6 10 0	
Johnston and Sons ...	Public crushings ...	1 0 0	6 17 0	6 17 0	
		4 0 0	3 6 18	13 7 0	
REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.					
New Isis	Oxonian Reef	53 10 0	2 7 7·85	126 12 0	386 feet
GIPPSLAND MINING DISTRICT.					
STRINGER'S CREEK DIVISION.					
Long Tunnel	Cohen's Reef	65 0 0	2 3 13·29	141 11 0	
Walhalla	Cohen's Reef	9 0 0	4 13 16	42 3 0	
	Totals	74 0 0	2 9 15·56	183 14 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	67,749 0 0	0 2 4·45	7,403 8 3
Beechworth	9,919 0 0	0 2 12·99	1,260 4 19
Sandhurst	15,942 0 0	0 2 6·77	1,819 5 0
Maryborough	26,978 0 0	0 2 18·23	3,722 4 12
Castlemaine	37,057 0 0	0 0 16·43	1,268 4 10
Ararat	80 0 0	0 9 13·33	38 4 11
Gippsland	...	...	...
Total	157,725 0 0	0 1 23·21	15,511 11 7
Cement.			
Ballarat	3,411 0 0	0 1 17·49	294 17 0
Beechworth	...	...	...
Sandhurst	...	...	...
Maryborough	10,494 0 0	0 5 13·72	2,923 11 12
Castlemaine	8,635 0 0	0 2 3·74	930 15 12
Ararat	3,172 0 0	0 9 12·84	1,512 5 16
Gippsland	...	...	...
Total	25,712 0 0	0 4 9·69	5,661 9 16

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.

R. BROUGH SMYTH,
Secretary for Mines.

Office of Mines,
Melbourne, 15th October 1873.

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.					
Great Gulf	Cambrian Hill ...	3,986 0 0	0 2 18·85	555 4 0	150 feet
Koh-i-noor	Ballarat West ...	5,750 0 0	0 2 8·15	672 13 0	250 feet
Hand-in-Hand and Band of Hope	Ballarat West ...	30,000 0 0	0 1 3·40	1,712 13 0	350 to 425 feet
Park	Ballarat West ...	4,980 0 0	0 4 11·58	1,116 4 0	320 feet
Golden Reef	Ballarat West ...	3,340 0 0	0 14 8·62	2,398 0 0	240 feet
Eastern Star	Ballarat East... ...	1,840 0 0	0 1 9·29	127 12 11	150 feet
Golden Gate	Ballarat East... ...	2,300 0 0	0 1 22·65	223 11 9	160 feet
	Totals	52,196 0 0	0 2 14·58	6,805 17 20	
BUNINYONG DIVISION.					
Buninyong Estate ...	Union Jack Lead ...	4,653 0 0	0 1 12·80	356 16 0	300 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.
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Gollop and two others ...	Griveson's Point ...	600 0 0	0 0 12·46	15 11 15	20 feet
Byrnes and three others ...	Snake Gully	500 0 0	0 0 8·42	8 15 12	20 feet
Carpender and three others	Milkman's Flat ...	250 0 0	0 1 14·40	20 0 0	45 feet
Lowrey and three others ...	Back Creek	300 0 0	0 0 23·33	14 11 16	10 feet
Campbell and two others ...	Yankee Creek ...	350 0 0	0 0 11·55	8 8 12	16 feet
Ah Fook and five others ...	Golden Point	1,800 0 0	0 0 6·80	25 10 0	10 feet
Ah Mon and five others ...	Golden Point	1,100 0 0	0 0 11·56	26 10 0	9 feet
Ah Kong and four others ...	Golden Point	500 0 0	0 1 3·36	28 10 0	12 feet
Ah Pie and six others ...	Red Hill	300 0 0	0 2 0	30 0 0	20 feet
Ah Fone and six others ...	Kangaroo Flat ...	1,000 0 0	0 0 15·70	32 14 0	35 feet
Daly and three others ...	Butcher's Flat ...	200 0 0	0 1 0·36	10 3 0	14 feet
Loisleur and three others ...	Red Hill	4,000 0 0	0 0 2·40	20 0 0	Surface to 20 feet
	Totals	10,900 0 0	0 0 10·60	240 14 7	

BEECHWORTH MINING DISTRICT.

INDIGO DIVISION.					
Sons and Doma Consols ...	Chiltern Lead ...	3,530 0 0	0 2 0	353 0 0	280 feet
Glencoe Junction ...	Glencoe and All England Leads	1,100 0 0	0 3 4·36	175 0 0	280 feet
Caledonian	Caledonian and Durham Leads	2,000 0 0	0 3 4·80	320 0 0	160 feet
	Totals	6,630 0 0	0 2 13·39	848 0 0	
ALEXANDRA SUBDIVISION.					
New Gobur	Working Miners Lead ...	1,514 0 0	0 2 20·38	215 13 16	94 feet
Peterkin and Sloan ...	Royal Standard Lead ...	1,775 0 0	0 2 5·15	196 11 3	110 feet
	Totals	3,289 0 0	0 2 12·16	412 4 19	

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.					
Guy, Clough, and Co. ...	White Hills	2,673 0 0	0 1 3·46	152 19 0	Surface to 60 feet
Ballarat and Bendigo ...	Huntly	1,100 0 0	0 5 17·01	314 0 0	120 feet
Sundry lots	Huntly	4,600 0 0	0 2 3·13	490 0 0	
Bagshot	Bagshot	3,317 0 0	0 2 18·43	459 2 0	160 feet
Anabella	Huntly	2,852 0 0	0 1 8·48	193 0 0	140 feet
Telegraph	Huntly	1,400 0 0	0 3 0·06	210 4 0	
	Totals	15,942 0 0	0 2 6·77	1,819 5 0	

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.					
John Bright	Chinaman's Flat ...	7,500 0 0	0 5 11·63	2,056 17 0	150 feet from surface
AMHERST DIVISION.					
Union	Mount Greenock ...	7,020 0 0	0 0 20·51	300 0 0	340 feet
Band of Hope	Cockatoo	3,648 0 0	0 1 3·23	207 0 0	100 feet
Prince of Wales	Cockatoo	3,120 0 0	0 1 14	247 0 0	130 feet
Hoffnung	Mount Greenock ...	933 0 0	0 2 16·82	126 0 0	140 feet
	Totals	14,721 0 0	0 1 4·69	880 0 0	
AVOCA SUBDIVISION.					
Melbourne and Avoca ...	Avoca Lead	3,807 0 0	0 2 19·50	535 7 12	
Enterprise	Avoca Lead	750 0 0	0 4 16	175 0 0	100 feet
Trevithick and Co. ...	Avoca Lead	200 0 0	0 7 12	75 0 0	107 feet
	Totals	4,757 0 0	0 3 7·25	785 7 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.					
Peart and Co.	New Year's Flat ...	1,400 0 0	0 0 6·85	20 0 0	11 feet
Stiebeck and Co. ...	New Year's Flat ...	400 0 0	0 0 18	15 0 0	15 feet
George and Co.	Spring Gully	650 0 0	0 0 12	16 5 0	18 feet
Bastian and Co.	Spring Gully	1,000 0 0	0 0 15·36	32 0 0	20 feet
Pearce and Co.	Spring Gully	900 0 0	0 1 10·66	65 0 0	20 feet
Ellis and Co.	Horseshoe Bend ...	1,500 0 0	0 0 20·80	65 0 0	17 feet
Tonkin and Co.	Church's Flat ...	1,300 0 0	0 0 9·60	26 0 0	16 feet
Parsons and Co.	Horseshoe Bend ...	5,000 0 0	0 0 14·97	156 0 0	13 feet
Weedon and Co.	German Gully ...	1,300 0 0	0 0 6	16 5 0	Surfacing to 2 feet
Vosti and Co.	German Gully ...	2,600 0 0	0 1 0	130 0 0	15 feet
Heron and Co.	Mopoke	650 0 0	0 0 12·55	17 0 0	Various
Brewer and Co.	New Year's Flat ...	1,300 0 0	0 0 12	32 10 0	16 feet
Hooper and Co.	New Year's Flat ...	1,300 0 0	0 0 18	48 15 0	15 feet
Williams and Co. ...	New Year's Flat ...	800 0 0	0 0 12	20 0 0	16 feet
Sargent and Co. ...	New Year's Flat ...	700 0 0	0 0 12	17 10 0	17 feet
Peterson and Co.	Choke-'em Flat ...	1,000 0 0	0 0 18	37 10 0	17 feet
	Totals	21,800 0 0	0 0 15·73	714 15 0	
HEPBURN DIVISION.					
Sailor Prince	Sebastopol	2,730 0 0	0 2 5·55	304 12 0	310 feet
TARRANGOWER DIVISION.					
Grigg and Co.	Pegleg Gully	1,052 0 0	0 0 17	37 5 4	Surface to 15 feet
Abram Bowe	Pegleg Gully	1,200 0 0	0 0 10·50	26 5 0	Surface to 10 feet
Stevens and party ...	Pegleg Gully	765 0 0	0 0 8	12 15 0	Surface to 10 feet
Lack and Co.	Porcupine Flat ...	1,470 0 0	0 0 8	24 10 0	Surface to 10 feet
H. Smith and Co. ...	Porcupine Flat ...	630 0 0	0 0 9·71	12 15 0	Surface to 10 feet
Knight and Co.	Porcupine Flat ...	1,300 0 0	0 0 7	18 19 4	Surface to 10 feet
Bradford and Co. ...	Growler's Gully ...	1,200 0 0	0 0 6	15 0 0	Surface to 8 feet
Shearer and Co.	Long Gully	380 0 0	0 0 9	7 2 12	6 feet
Rash and Co.	Chapman's Gully ...	650 0 0	0 0 11	14 17 22	Surface
J. R. Roberts	Welshman's Reef ...	500 0 0	0 0 6	6 5 0	Surface
Cook and Co.	Mia-mia	780 0 0	0 0 10·25	16 13 8	Surface to 10 feet
Coleman and Co.	Porcupine Flat ...	1,300 0 0	0 0 9	24 7 12	Surface to 10 feet
Grenfell and Co. ...	Parkins' Reef ...	780 0 0	0 0 9·71	15 15 20	Surface to 10 feet
Crowe and Co.	Clydesdale	520 0 0	0 0 15·04	16 6 0	Surface to 50 feet
	Totals	12,527 0 0	0 0 9·53	248 17 10	
ARARAT MINING DISTRICT.					
RAGLAN DIVISION.					
Got-him-by-the-wool ...	Red Streak Lead, Beaufort	80 0 0	0 9 13·33	38 4 11	61 feet

CEMENT.

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

Division and Subdivision, and Name of Company.	Where Cement was obtained.	Cement Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Cement was obtained.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
CRESWICK DIVISION.					
South Clunes	Clunes	3,411 0 0	0 1 17·49	294 17 0	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Seaham	Alma	10,000 0 0	0 5 14·42	2,800 9 12	
Johnston and Sons ...	Public crushings ...	43 0 0	0 4 7·81	9 6 0	
	Totals	10,043 0 0	0 5 14·29	2,809 15 12	
AVOCA SUBDIVISION.					
Rutter and Co.	Homebush	1 0 0	1 6 0	1 6 0	
DUNOLLY AND TARNAGULLA DIVISIONS.					
Various claims	Different hills at Bealiba and Puzzle Flat	450 0 0	0 5 0	112 10 0	60 to 70 feet
CASTLEMAINE MINING DISTRICT.					
FRYER'S CREEK DIVISION.					
Table Hill	Table Hill	100 0 0	0 1 14·40	8 0 0	120 feet
Jenkins and Co.	Table Hill	80 0 0	0 3 0	12 0 0	90 feet
Thomas and Co.	Bald Hill	300 0 0	0 5 0	75 0 0	100 feet
Golden Lead	Strathloddon	6,000 0 0	0 2 12	750 0 0	200 feet
	Totals	6,480 0 0	0 2 14·59	845 0 0	
HEPBURN DIVISION.					
C. Morrison	Yandoit	18 0 0	0 4 7·66	3 17 18	Shallow
P. Lucini	Commissioner's Reef ...	77 0 0	0 1 9·35	5 7 0	20 feet
Sampson	Wombat Hill	60 0 0	0 2 4·30	6 10 18	150 feet
	Totals	155 0 0	0 2 0·85	15 15 12	
TARRANGOWER DIVISION.					
Prince of Wales	Eaglehawk	2,000 0 0	0 0 16·80	70 0 0	Surface
ARARAT MINING DISTRICT.					
ARARAT DIVISION.					
Cement	Londonderry	779 0 0	0 4 10·65	173 1 20	70 feet
Kneal and party	Bridle Hill	120 0 0	0 3 0	18 0 0	50 feet
Hurle and party	Commissioner's Hill ...	20 0 0	0 17 0	17 0 0	55 feet
	Totals	919 0 0	0 4 12·68	208 1 20	
PLEASANT CREEK DIVISION.					
Hand-in-Hand	Deep Lead	900 0 0	0 9 21·85	445 19 14	Cement, 100 feet
North and South Wales ...	Welshman's Flat ...	1,353 0 0	0 12 16·46	858 4 6	Cement and mullock, surface to 100 feet
	Totals	2,253 0 0	0 11 13·85	1,304 3 20	

NUMBER AND DISTRIBUTION OF MINERS ON THE GOLDFIELDS OF THE COLONY, FOR THE QUARTER ENDED 30TH SEPTEMBER 1873.

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

Name of Place.	No.	Total.
BALLARAT DISTRICT.		
Central Division:		
Ballarat West	994	
Ballarat East	784	
Ballarat North	83	
Sebastopol	848	
Cambrian Hill	268	
The Springs	75	
Little Bendigo	229	
Dead-horse	61	
Sago Hill	73	
		3,415
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	150	
Green Hills and Devonshire	30	
Scotchman's and Hard Hills	150	
Buninyong and Buninyong Estate	250	
Hiscock's	60	
Winter's Flat, Magpie, and Cobbler's	150	
One-eye and Spring Hill	20	
Black Lead	50	
Napoleon, Kitty's Ranges, and Gympie	120	
Prospecting and isolated parties	50	
		1,030
Smythesdale Division:		
Smythesdale	200	
Scarsdale	300	
Brown's	70	
Italian Gully	40	
Derwent Jack's	30	
Piggoreet	100	
Bottle Hill	50	
Snake Valley	70	
Springdallah Creek	20	
Happy Valley	90	
Haddon	350	
Golden Lake	130	
Madden's Flat	15	
Linton's	160	
Monlight Creek	15	
		1,640
Creswick Division:		
Creswick	60	
Clunes	1,000	
Springhill	180	
Broomfield Gully	20	
Red Streak	410	
Union Hill	20	
Longpoint	40	
Diamond Gully	20	
Cobbler's Gully	20	
Bald Hills	30	
Sulky Gully	30	
Slaty Creek	50	
Mopoke	40	
Carried forward		7,137

Name of Place.	No.	Total.
Brought forward		7,137
Creswick Division—continued.		
Humbug Hill	30	
Portuguese Flat	20	
Back Creek	20	
Bullarook	50	2,040
Gordon Subdivision:		
Egerton	158	
Lal-lal	25	
Gordon	61	
Moorabool	6	250
Steiglitz Subdivision:		
Steiglitz	290	
Morrison's and Tea-tree Creek	150	
Dolly's Creek	20	
Elaine	100	
Mount Doron	40	
Little Forest	30	630
Blackwood Division and Blue Mountain South Subdivision:		
Golden Point	170	
Red Hill	70	
Barry's Reef and Split-tree	320	
Yankee Reef and Creek	50	
Simmons' Reef and Back Creek	80	
Sebastopol and Lower Lerderderg	160	
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:		
Ballan	30	
Prospecting	10	
Blakeville	20	60
Total for Ballarat District		11,197
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	34	
Kirby's Flat	75	
Rowdy Flat	46	
Osborne's Flat	60	
Allan's Flat	10	
Staghorn Flat	24	
Twist's Creek	100	
Muddy Creek	50	
Hillsborough	64	
Sandy Creek	100	
Township	80	
Hayes' Point	24	747
Carried forward		2,871

Number and Distribution of Miners on the Goldfields, &c.—*continued.*

Name of Place.	No.	Total.
Brought forward		2,871
Indigo Division:		
Chiltern and New Ballarat Leads ...	101	
Indigo Lead	224	
Glencoe Lead	54	
Durham Lead	34	
Suffolk	14	
Lancashire and Black-dog Leads ...	14	
All England Lead	11	
Happy-go-Lucky Reef	9	
Caledonian	8	
Clydesdale	25	
Wahgunyah	12	
Robert Burns	6	
Hibernian	8	
Lanarkshire	6	
Skeleton	4	
Good Hope	8	
Various Quartz Reefs	46	
		584
Buckland Division:		
Harrietville	199	
Harrietville to Bright	327	
Bright to Boundary	232	
Running Creek	92	
Morse's and Growler's Creeks ...	248	
Buckland to Upper Bridge	168	
Upper Bridge to Lower Bridge ...	254	
Lower Bridge to Ovens Junction ...	238	
		1,758
Alexandra Subdivision:		
Alexandra and vicinity	40	
Godfrey's Creek	95	
Devil's River and tributaries ...	15	
Johnson's Creek and tributaries ...	30	
Garibaldi Gully and vicinity ...	40	
Head of U T Creek	8	
Goulburn River	6	
Ghin-ghin	6	
Spring Creek and tributaries ...	45	
Merton and vicinity	15	
Scattered Prospectors	20	
Maindample and Doon	10	
		330
Dry Creek Subdivision:		
Brankeet Creek	15	
Dry Creek	90	
Hell's Hole Creek	25	
		130
Gaffney's Creek Subdivision:		
Goulburn River	10	
Gaffney's Creek	56	
Cannon's Creek	16	
Raspberry Creek and branches ...	46	
Lyrebird Creek	8	
Wallaby Reef	15	
Cornhill Reef	1	
Moving population	7	
Moonlight Creek	2	
Snakes' Creek	2	
		163
Wood's Point Subdivision:		
Wood's Point and Morning Star ...	80	
Lower Goulburn	55	
Right and left branches	40	
Gooley's Creek, &c.	30	
Harper's and Pheasant Creeks ...	25	
Perkins' Creek and Waverley ...	8	
All Nations, &c.	32	
Black River	30	
Moving population	15	
Maori Creek	2	
		317
Big River Subdivision:		
Frenchman's Creek	5	
Ten-mile	4	
Warner's Creek	32	
Enoch's Point	8	
Railway Creek	32	
Jim Thomas' Creek	6	
Big River South	10	
Carried forward		6,153

Name of Place.	No.	Total
Brought forward		6,153
Big River Subdivision—continued.		
Big River North	14	
Fry's Creek	10	
Jerusalem Creek and Wilson's ...	16	
Moving population	7	
		144
Mitta-mitta Division:		
Thunder-and-lightning Creek ...	55	
Granite Flat, Snowy Creek ...	60	
Mitta-mitta River	30	
Snowy Creek Junction	20	
		165
Jamieson Subdivision:		
Howqua River and tributaries ...	40	
Goulburn from Howqua to Jamieson	120	
Mack's Creek	50	
Goulburn from Jamieson to Swampy Creek	60	
Sailor Bill's Creek	148	
Flume Creek	26	
Baker's Creek	25	
Prospectors	6	
		475
Total for Beechworth District... ...		6,937
Sandhurst District.		
Sandhurst Division:		
Back Creek and Spring Gully ...	165	
Sheepshead and Golden Gully ...	430	
Golden Square and Kangaroo Flat ...	540	
Crusoe Gully and neighborhood ...	90	
Marong and Bullock Creek ...	120	
Victoria and New-chum Reefs ...	560	
Long, Maiden, and Derwent Gullies ...	540	
Ironbark	580	
Bendigo Flat	230	
White Hills	50	
Epsom and Pottery Flat	54	
Huntly	360	
Sydney Flat and Whipstick	230	
Specimen Hill and Sailor's Gully ...	340	
Devonshire and Dead-horse Gullies ...	320	
Windmill Hill and California Gully ...	520	
Eaglehawk Gully and Flat	315	
Snob's Hill and Pegleg Gully ...	350	
Raywood	150	
Elysian Flat	60	
Sebastian	80	
Kamarooka	300	
Scattered and prospecting	300	
		6,684
Kilmore Division:		
Reedy Creek	40	
Sunday Creek	16	
Yea, and vicinity	12	
Thornton and Swamp Creek ...	20	
Higinbotham	10	
Tea-tree Creek	8	
		106
Heathcote Division and Waranga South Subdivision:		
Graytown	60	
Redcastle	150	
Heathcote	170	
Costerfield	140	
Tooborac	40	
Kimbolton and Campaspe	30	
Coliban and Myrtle Creek	110	
Wild-duck Creek	40	
One-eyed Gully	170	
Mullocky Hill	30	
		940
Waranga North Subdivision:		
Rushworth, Old Ned's, and Nuggety ...	101	
Whroo	40	
Coy's and Cherry-tree, ...	40	
Fontainebleau and White Hills ...	95	
		276
Total for Sandhurst District		8,006

Number and Distribution of Miners on the Goldfields, &c.—*continued.*

Name of Place.	No.	Total.
Maryborough District.		
Maryborough Division:		
Waterloo, Inkerman, Alma, Adelaide Lead, Moonlight Flat	560	
Golden Point, Carisbrook, Majorca, Craigie, and Four-mile Flat	850	
Mosquito, Blucher's, Mariner's, Bristol Hill, and other reefs	837	
Chinaman's Flat, Newtown, Havelock, Lucknow, Maryborough	950	
		3,197
Majorca Subdivision:		
Majorca Lead	128	
Hanoverian Lead	30	
Scandinavian Lead	67	
Rocky Flat Lead	53	
Cockatoo Lead	8	
Mount Greenock Lead	6	
German Gully	4	
		296
Amherst Division:		
About Talbot	50	
Scandinavian Lead	30	
Mount Greenock	70	
Nuggety and Long Gullies	40	
Kangaroo Flat and Gully	30	
Mia-mia Flat and tributaries	30	
Daisy Hill and tributaries	130	
Adelaide Lead South	54	
Blacksmith's Gully	14	
Emu and Cockatoo	105	
Brown's Gully	8	
		561
Avoca Subdivision:		
Amphitheatre	58	
Old Avoca Lead	350	
Green Hill Creek	30	
Percydale	400	
Homebush	50	
Lamplough	20	
Sardine Gully	60	
Mountain Hut	50	
No. 1 Creek	52	
No. 2 Creek	722	
Kimberley	650	
Donkey Hill	30	
Vale's Hill and Fryingpan Gully	12	
Mosquito	12	
Middle Creek and Jackson's	380	
		2,876
Dunolly and Tarnagulla Divisions:		
Dunolly	205	
Burnt Creek	70	
Goldsborough	75	
Inkerman	45	
Moliagul	190	
Bealiba	175	
Murphy's Flat	15	
Jones' Creek	120	
Tarnagulla	164	
Half-way	30	
Llanelly	133	
		1,222
Korong Division:		
Jericho	39	
Jordan's	36	
Berlin	700	
Kingower	100	
McIntyre's	40	
Sinnott's	46	
Burke's Flat	50	
New Inglewood	312	
Thompson's Gully	70	
Korong	200	
Old Inglewood	25	
Avoca Forest Rush	650	
		2,268
Redbank and St. Arnaud South Subdivisions:		
Stuartmill	62	
Redbank	40	
Gullies between Stuartmill and Redbank	35	
Fowler's Lead	60	
Moonambel, Forest Hut, and Mackinnon's Gap	100	
Sandy Creek	20	
Canterbury	12	
Darling Flat	29	
		358
Carried forward		10,778

Name of Place.	No.	Total.
Brought forward		10,778
St. Arnaud North Subdivision:		
New Bendigo	66	
St. Arnaud	80	
Stuartmill	14	
Silver Mines	81	
Rostron's and Wattle Flat	100	
Emu	6	
Carapooce	20	
Bell Rock, &c.	25	
Blink Bonnie	12	
Hopeful and other Reefs	5	
Queen Mary	6	
		415
Total for Maryborough District		11,193
Castlemaine District.		
Castlemaine Division:		
Guildford	210	
Campbell's Creek	320	
Castlemaine	250	
Barker's Creek	207	
Myrtle Creek	60	
Chewton	515	
Golden Point	160	
		1,722
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	75	
Pickpocket and Yandoit Section	230	
Hard Hill and Boots' Gully Section	105	
Italian Gully Section	136	
Spring Creek Section	145	
Doctor's Gully Section	130	
Brandy-hot Section	55	
Deep Creek Section	150	
Blind Creek Section	70	
Stony Creek Section	145	
Wombat Creek Section	150	
Daylesford Section	594	
Connel's Gully Section	105	
		2,090
Taradale and Kyneton Subdivision:		
Taradale	140	
Taradale South	107	
Yankee Point	26	
Malmsbury	90	
Coliban North	40	
Belltopper	35	
Redesdale	65	
Lauriston	73	
Mudlark	14	
		590
Tarrangower Division:		
Beehive Hill	72	
Eaglehawk and Pegleg Gully	320	
Long Gully	69	
Porcupine and Fiddler's Flat	60	
Mount Tarrangower	47	
Sandy Creek	85	
Nuggety	75	
Green Valley	62	
Muckleford	30	
Clydesdale	22	
Loddon	55	
Sandon	16	
		913
Carried forward		7,616

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

Name of Place.	No.	Total.
Brought forward	...	7,616
St. Andrew's Division:		
Anderson's Creek	80	
Long Gully	11	
Fern-tree	7	
Smith's Gully	12	
Yow-yow	16	
Wild-dog	12	
Sailors' Gully	15	
Buck's Gully, Berwick	55	
Diamond Creek and Pioneer ...	50	
Walsh Creek	18	
Warburton	30	
Knobs	4	
Back Creek	16	
Cherry-tree and Watery Gullies ...	28	
Black Calf	14	
Hoddle's Creek	40	
McMahon's Creek and Starvation ...	23	
Emerald	17	
Queenstown	27	
Kingstown	23	
Haunted Gully, Berwick	55	
One-tree Hill	30	
Research Gully	9	
Kangerong and Pakenham	8	
Welcome Gully	35	
		635
Blue Mountain North Subdivision:		
Trentham	12	
Newbury	32	
Garlick's	27	
		71
Total for Castlemaine District ...	...	8,322
ARARAT DISTRICT.		
Ararat Division:		
Ararat Proper	260	
Armstrong's	170	
Philip's Flat and Cathcart	140	
Rhymney Reef, Shea's Flat	42	
Opossum Gully and Port Curtis ...	150	
Moyston and Londonderry	27	
		789
Pleasant Creek Division:		
Silver Shilling	23	
Deep Lead, Forty-foot, and Welshman's Flat	240	
Great Western	40	
Stawell	1,025	
Seventy-foot	40	
Germania	30	
Welcome	100	
Darlington	35	
Ironbark	25	
		1,558
Barkly Division:		
Landsborough	125	
Barkly	200	
Frenchman's	15	
Glenpatrick	80	
Glen Dhu	4	
		424
Raglan Division:		
Beaufort and surrounding Gullies ...	150	
Sailor's Gully	38	
Charlton	88	
Waterloo and tributaries	180	
		456
Total for Ararat District ...	...	3,227
GIPPSLAND DISTRICT.		
Omeo Subdivision:		
Livingstone Creek	150	
Mitta-mitta River, from Cobungra to Wombat Creek	55	
Wombat Creek	30	
Gibbo River	30	
Swift's Creek	165	
River Tambo	26	
		456
Carried forward	...	456

Name of Place.	No.	Total.
Brought forward	...	456
Mitchell River and Boggy Creek Subdivisions:		
Nicholson and Tambo Rivers ...	184	
Boggy Creek	148	
Merrijig Creek	38	
Sandy's Creek	44	
		414
Crooked River Division:		
Grant	16	
Wongungarra	14	
Crooked River	45	
Wonangatta	4	
Jungle Creek	23	
Twelve-mile Creek	20	
Twenty-five-mile Creek	14	
Thirty-mile Creek	12	
Wentworth River	31	
Upper Dargo	45	
Middle Dargo	17	
Lower Dargo	26	
Upper Mitchell	14	
Good Hope	20	
		301
Jericho Division:		
Dry Creek	27	
Lochfyne and Ferntree	25	
Defiance Creek	18	
Mount Look Out	16	
Jordan	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	21	
South Crinoline	10	
Edwards' Hill	11	
Granite Creek	3	
Tullamore and North Crinoline ...	9	
Gladstone	11	
		105
Stringer's Creek Division:		
Walhalla	476	
Happy-go-Lucky	12	
Satin Bird Reef	8	
Neillson's Creek	4	
Mount Look Out	85	
Pleiades Ranges	6	
Aberfeldy and Thomson Rivers and Cooper's Creek	63	
Reality Reef	2	
		656
Russell's Creek Division:		
Lower Tangil	56	
Upper Tangil and Russell's Creek ...	65	
Crossover and Tarwin River ...	75	
Latrobe River	18	
		214
Bendoc Subdivision:		
Bendoc	11	
Bog	35	
Bonang	25	
Delegate River	12	
Cobyingbar	35	
Queensborough River, &c.	10	
		128
Tarwin Subdivision:		
Stockyard Creek	300	
Turton's Creek	120	
		420
Traralgon Subdivision:		
Tyers	7	
Merriman's Creek	4	
Flinn's Creek	8	
Traralgon Creek	3	
Bennett's	3	
		25
Total for Gippsland District		2,992
GRAND TOTAL		51,874

Office of Mines,
Melbourne, 15th October 1873.

R. BROUGH SMYTH,
Secretary for Mines.

MINING SURVEYORS AND REGISTRARS' REPORTS.

BALLARAT MINING DISTRICT.

CENTRAL DIVISION.

Mr. Harrie Wood, Mining Registrar.

There is a slight increase upon the quantity of gold obtained from the alluvial mines during the quarter.

The New Koh-i-noor Company met with a wash about 800 feet from the shaft, from which they washed, as a trial, three small wooden machines of dirt, and obtained 10 ozs. of gold. They are about erecting puddling machines, and they estimate the wash will yield about 5 ozs. to the machine.

The City of Ballarat Company's shaft is 354 feet deep; they have bored to a depth of 41 feet in the fourth rock; some delay in sinking was caused by having to puddle back the water at the bottom of the third rock, but they expect to be able now to carry on sinking continuously until they reach the bottom.

The Old Sir William Don Company are still pushing on their prospecting operations. They obtained a prospect, but it was not considered payable. Their main drive is now 500 feet long, and their cross drive 200, and they are daily expecting to reach the old gutter.

There is an improvement in the quartz mines during the quarter, both as to the quantity of gold won and the average yield per ton.

The South Temperance Company, at Little Bendigo, found the Temperance lode in their claim in a cutting about 15 feet from the surface. They have abandoned their old shaft, and purpose sinking a shaft to follow the underlay.

The Hero and Evening Star Companies have united and formed the Hero Extended Company, and the new company expect to be in full work shortly.

The Pioneer Company, on the White-horse Ranges, have sunk their shaft to a depth of 360 feet. They have struck several leaders in the shaft, but none of them payable. They have had to suspend their works for the purpose of erecting additional machinery.

The quantity of water supplied by the Ballarat and Ballarat East Water Commission during the quarter was 16,875,000 gallons, and the price charged was 4d. per thousand gallons.

The quantity of gold paid to companies as tribute from quartz mines was 753 ozs. 14 dwts.

The quantity of gold paid to companies as tribute from alluvial mines was 2101 ozs. 10 dwts. 18 grs.

255 co-operative quartz miners (including tributers), with the help of 120 hired men, won 2538 ozs. 0 dwts. 11 grs.

1635 co-operative alluvial miners (including tributers), with the help of 353 hired men, won 9564 ozs. 3 dwts. 14 grs.

Dividends paid by some of the principal Mining Companies during the Quarter ending 30th September 1873.

	£	s.	d.
Temperance	2,040	0	0
Jarvie and Co.	42	0	0
Tunnel	120	0	0
Majestic	320	0	0
Black Hill South	630	0	0
Black Hill	248	0	0
Endeavour	279	0	0
Parade...	450	0	0
Koh-i-noor	400	0	0
Cardigan Consols	350	0	0
Golden Reef	4,200	0	0
Eastern Star	413	10	0
Golden Gate	653	10	0
	10,146	0	0

Gold obtained from Alluvial Mines in the Central Division during the Quarter ending 30th September 1873.

	oz.	dwt.	gr.
Band of Hope and Albion Consols...	2,606	6	0
Prince of Wales	2,505	4	0
Bonshaw	840	14	0
Great Gulf	555	4	0
Winter's Freehold	1,166	11	0
Saint's	582	16	12
Koh-i-noor	672	13	0
Hand-in-Hand and Band of Hope...	1,712	13	0
Park	1,116	4	0
Cardigan Consols	210	0	0
Golden Reef	2,398	0	0
Eastern Star	127	12	11
Golden Gate	223	11	9
Nil Desperandum	18	5	0
Fiddler and Company	23	12	0
Working Miners	308	0	0
Leviathan	1,695	11	0
Co-operative miners (sundry) ...	970	0	0
	17,732	17	8

SOUTHERN DIVISION.

Mr. George Perry, Mining Registrar.

QUARTZ MINING.

Staffordshire Reef.—This portion of the division has lately attracted a good deal of attention, judging from the fact that a large company has been formed for the purpose of sinking a shaft 600 feet deep on the Hopewell Company's claim, at which depth it is anticipated that not only a permanent but a remunerative lode exists. No less than six distinct lodes from various depths down to 250 feet have been worked, varying from 2 to 30 feet wide, some of them very rich; and from other indications it is more than probable their anticipations will be realised.

The Hopewell Company, although their average per ton for the past quarter is rather low, and laboring under the disadvantage of having to cart their stone a distance of half a mile to the mill, it has paid them £3 per man per week for the quarter. This party is co-operative (seven shareholders); they will continue operations as heretofore, the large company being quite distinct.

The Speedwell claim is let on tribute to a party of fourteen men for a term of three years; it joins the Hopewell on the south. They have the advantage of a tunnel and tramway, large bodies of stone, and easily worked; 2 dwts. per ton will give them £2 10s. per man per week, and pay 10 per cent. to the company.

The New North Staffordshire Reef Company.—This is a new claim taken up recently adjoining the Hopewell on the north.

Rokewood Junction.—Maruschki and party are getting out a trial crushing; stone looks well.

Frenchman's.—Two new claims have been taken up; they purpose driving a tunnel to prospect ground before erecting machinery.

ALLUVIAL MINING.

Rokewood Junction.—A very rich claim is being worked in this locality by Bateman and party; they have netted as high as £50 per man per week for some time past. This locality is very patchy. Sinking about 40 feet.

Break-o'-Day.—A very handsome nugget, weighing 63 ozs. 17 dwts., was unearthed by Turner and party in Elder's private property. I regret that, owing to the hasty manner in which it was disposed of, I was unable to obtain a cast of it.

Pitfield Plains.—A claim of 72 acres has lately been taken up by Rutherford and party. Notwithstanding the many failures, hopes are still entertained of ultimate success.

In other portions of the division nothing but dulness prevails.

BUNINYONG DIVISION.

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

QUARTZ MINING.

A depth of 450 feet has now been obtained by the New Homeward-bound Company, and payable quartz is being raised from that level. A considerable improvement has taken place in the Imperial mine, the average yield per ton being 3 dwts. 22½ grs. this quarter as against 2 dwts. 7 grs. last quarter, enabling the company to declare a handsome dividend. A considerable amount of prospecting in this branch of mining has been carried on during the quarter, as yet without leading to any valuable discoveries.

ALLUVIAL MINING.

The shallow workings discovered in the township of Buninyong during last quarter, and now named Bowen Hill, continue to give good returns, and about 150 miners find employment thereon; the average earnings of those who have struck the run of gold-bearing drift being about £2 per week. A scarcity of water for washing purposes is beginning to be felt.

Some good alluvial ground has been worked during the quarter at Wattle Flat and Little Frenchman's, near the Old Cobbler's and Long Gullies, and gold mining generally through this division is up to the average.

The following is a return of gold from some of the principal alluvial mines in this division, with an estimate of the total amount of alluvial gold obtained during the quarter:—

	oz.	dwt.	gr.
Defiance (approximate), 2 months	450	0	0
Perseverance (approximate)	1,000	0	0
Charters Towers	113	5	22
Bishop's Tribute	188	17	6
Buninyong Estate	356	16	0
Kitty's Lead (approximate)	350	0	0
Bowen Hill (approximate)	400	0	0
All other sources	1,000	0	0
	3,858	19	4

SMYTHESDALE DIVISION.

Mr. John Lynch, Mining Surveyor and Registrar.

There is a marked increase in the gold return for this quarter, the total amount being 15,887 ozs. 15 dwts. Considering the number of miners employed, and the limited extent of the division, the result indicates a highly favorable condition of things. Reef washes in the vicinity of the deep gutter leads have contributed a large proportion of the above yield, and as these are being opened now more extensively than ever, there are good grounds for hoping that increased yields and a long continuation of them will be the consequence.

At Derwent Jack's, near Piggoreet, a quartz reef has been opened, which looks at present rich in specimens; these, however, do not afford sufficient facts to enable us to pronounce definitely upon the value of the reef; but as work is going on there, a short time may disclose full information on the subject. On Mount Erip and other places quartz prospecting is going on; but upon the whole it must be allowed that this branch of mining is greatly overlooked, being now in as backward a state as ever.

The yields from the principal mines are as follow:—

	oz.	dwt.		oz.	dwt.
Reform	2,172	5	Little Stream	313	1
Golden Lake	1,528	8	Try Again	303	17
Eldorado	1,024	0	Galatea	229	3
Trunk Lead	970	0	Scarsdale	271	16
Golden Stream	774	0	United Leads	204	19
Grand Junction	757	0	Haddon	201	19
Bute	383	19			

It appears that 97 ozs. 13 dwts. have been obtained from quartz during the quarter; but as that quantity has been obtained from various sources, and includes trial crushings from small parties, it would not be easy to assign to each source its proper quantity or the average yield.

CRESWICK DIVISION.

Mr. James Stevenson, Mining Surveyor and Registrar.

I have the honor to report that the total yield of quartz gold has decreased during the quarter; this is, however, to be attributed to a smaller quantity of stone crushed, as the average yield is slightly better; the causes which have led to this result have been a strike by the miners in two of the claims at Clunes—in one (the South Clunes Company) it has terminated, and the men are again at work; in the other (the Lothair Company) the difference between the miners and the directors are not yet adjusted—and the removal of the Hard Hill battery at Creswick, owing to its being in the way of the railway line.

In alluvial mining the yield of gold has been considerably increased by the new goldfield opened on the northern side of Spring Hill; this increase will be, I am confident, much greater during the coming quarter, as two more claims, Gostellow's Freehold and Lewer's Sovereign, have struck gold; also the three principal claims are only commencing to use steam power for washing. During the quarter the Reserve Company washed from two machines respectively 131 ozs. and 90 ozs., and Lewer's Freehold Company from one machine 139 ozs.; these splendid yields have, however, been exceeded this week by a machine in Lewer's Freehold, which yielded 145 ozs. 9 dwts., the gold from which does not come within the present returns.

GORDON SUBDIVISION.

Mr. Thomas Cowan, Mining Surveyor and Registrar.

Alluvial Mining.

During the latter end of the quarter a small rush has taken place near Mount Doran, Lal-lal, 25 men being at work, some of whom are obtaining good returns, but no mining claims have been applied for. No prospecting has been done in the other parts of the division. A claim has lately been taken up by the Kerrit Bareet Company, in Parker's Gully, Gordon, of ground formerly held under the leasing regulations, but they have not yet commenced operations, in consequence of having some difficulty in obtaining a title to the ground, being held under 42nd section.

Quartz Mining.

The Egerton Company have been engaged during the quarter in raising stone from the shaft in the cutting at the 450-foot level, still continuing to take about 10 feet of quartz along the western wall. They have sunk this shaft 75 feet since my last report, and are now driving for the same lode. In the shaft at the south end of the lease they have driven south along the lode at the 385-foot level, the width of which varies from 6 to 2 feet. Both parcels have been crushed together, so that the average of each reef cannot be given.

Black-horse Company have been raising stone from a depth of 560 feet, and have sunk a winze from this depth to No. 6 level, which is a depth of 606 feet. During the quarter the company had to suspend operations for about six weeks, for the purpose of repairing the main shaft.

South Learmonth and Egerton Amalgamated Company have been engaged in following about 100 feet a large body of stone at the 250-foot level, but it appears that the stone was not sufficiently remunerative to pay for working; they have, consequently, determined to sink their shaft deeper for the purpose of trying the stone at a greater depth.

Parker's Extended Company have been engaged in stoping from the 200-foot level a shoot of stone 192 feet in length, from south-east to north-west, up to 100 feet, which is supposed to be gold-bearing to the surface. This lode cannot be traced below the 300-foot level, as the country is disturbed below. The stone raised during the quarter has given a greater average than the previous quarter, being 10 dwts. 15·28 grs. per ton, while for last quarter it was 7 dwts. 10·43 grs.

North Parker's Company have been sinking a shaft to a depth of 100 feet, and raising quartz, about 50 tons of which are now on the surface, but none has been crushed. This company is working the lode which is being worked by the Parker's Extended Company.

New Parker's Consols Company are engaged in prospecting on the same reef as the Parker's Extended Company.

South Parker's Company, which is held under lease, are at present sinking a shaft. The lode has been struck in this mine, but no stone has yet been raised.

Kangaroo Bob Company have been prospecting at the 120-foot level. This company have about 20 tons of quartz raised, and anticipate good yields from the first crushing.

No mining has been carried on during the quarter at the Moorabool, only six men having been engaged in prospecting.

STEIGLITZ SUBDIVISION.

Mr. O. W. Collins, Mining Registrar.

Mining matters on Steiglitz during the past quarter have been quieter than ever known before, but at Elaine, Mount Doran, and Little Forest there are some indications of progress. At the latter place the claims are producing some rich stone, and the veins average from 2 to 6 feet in thickness. From the Welcome Company there are now being crushed about 400 tons of stone, which it is expected will yield from 1 to 1½ oz. per ton; and from 90 tons out of the Forest Queen a return of 3 ozs. per ton is expected.

On Steiglitz the New Albion Company are engaged in sinking a new main shaft about 500 feet north from their present shaft. The Native Youth Company have nearly erected their winding and crushing machinery. About 400 tons of quartz belonging to this company are raised ready for crushing.

At Elaine, owing to the great quantity of water, many of the companies have partially suspended operations; but, as pumping machinery is being erected, that hindrance to their working will, it is hoped, soon be removed.

At Mount Doran some alluvial ground has been opened, in which nuggety gold has been found—in one instance a piece 10½ ozs. There is very little fine gold.

BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.

Mr. John F. Hansen, Mining Registrar.

Quartz Mining.

Great attention has been given to this branch of mining lately. The splendid yield from Mounter Brothers' mine, together with the good returns from the Sultan Company's mine, have attracted the outside public to this locality as a mining district in which, by perseverance and good management, capital might be very profitably invested.

At Barry's Reef the Sultan Company are vigorously carrying on their works in the 400-foot level; three different lodes have been proved payable at that depth, namely, Mounter, Pioneer, and Intermediate lode. The first of these is not so rich at the 400 as at the 165 foot level, but it contains the same amount of pyrites and zinc blende. The Intermediate lode is different in character from any of the others, inasmuch as it varies in size from 6 inches to 2 feet in width; the gold is neither so equally distributed as in the Pioneer and Mounter lode, but it is of a richer and coarser nature. In some portion of the mine the yield would be about 10 ozs. per ton if crushed separately. Their main shaft is sunk to a depth of 503 feet, and the opening up at the 500-foot level will be proceeded with at once. They are at present conserving their pyrites, pending the erection of machinery for treating the same. This company, the Sultana Company, and the British Lion Company, have all finished the erection of machinery, at a total cost of £6067. The latter company is at present crushing payable stone, but no cleaning up has as yet taken place.

Mounter Brothers' mine continues to look as well as ever; they had 1078 ozs. of gold for the quarter, or an average of close on 6 ozs. 10 dwts. to the ton; and as there are altogether only 18 persons employed, the profits to the owners of the mine are very handsome.

Other portions of the district have not come so prominently before the public, nevertheless great improvements have taken place in several of the mines in the different localities. Good payable stone has been worked by Mr. Rogers, owner of the Big Hill mine, at the 100-foot level, giving, from 1800 tons, a yield of 2 dwts. 18 grs. per ton. The battery being worked by water-power, Mr. Rogers informs me that, with a full supply of water, he crushes on an average 600 tons of quartz per month, and which, if the yield is 2 dwts. to the ton, leaves him a clear margin of £100 profit.

The Cornish Company are working a good shoot of gold, with an average yield of nearly 15 dwts. to the ton, at the 270-foot level.

The last crushing of 270 tons of the North Britain Company yielded a cake of 131 ozs., or close upon 10 dwts. per ton, which enabled the owners to declare a good dividend.

A portion of the area lately held by the Clunes and Blackwood Company, Yankee Reef, has been taken up by a party of four co-operative miners; they have erected a small battery (removed from Barry's Reef), and are about to commence crushing. A good many tons of quartz have been raised, and, from the appearance of the same, it is thought that it will give a return of an ounce of gold to the ton.

The Garibaldi and Wilson Company have finished the erection of machinery, consisting of a water-wheel and 10 stamp-head battery. The construction of a water-race 7¾ miles in length has also been completed, and crushing operations will be commenced shortly.

A change for the better is also expected to take place at Blakeville. The Undaunted Company having obtained fair prospects in their lowest level, also on the surface of the southern portion of their mine, has stimulated some of the companies who had suspended work to reorganize with the object of resuming the same immediately.

ALLUVIAL MINING.

Nothing of importance to report upon has occurred. Operations are exclusively confined to old workings, which, in the majority of cases, gives scarcely a living to the parties so employed.

Water.—Average quantity of water sold:—Ten sluice-heads; price per sluice-head, 12s. 6d. to 15s. per week.

BALLAN SUBDIVISION.

Mr. G. P. Black, Mining Registrar.

During the past quarter mining operations in this subdivision have not shown any improvement as far as results are concerned, but I have every confidence that in a short time they will be forthcoming and will be satisfactory. At Ashton's claim only 100 tons of quartz was put through the battery, which yielded only 55 ozs. of gold. This stone was taken from the 100-foot level, and seems quite different from the stone operated on from the 50-foot level. At the lower level the stone is uncommonly impregnated with pyrites, and at present it is scarcely possible to get the gold from it with the present appliances. Mr. Ashton has saved all his tailings, which has been estimated to contain about 2 ozs. of gold to the ton.

The tunnel in Kirby's paddock is now in 265 feet; it was calculated that the reef would have been cut before this distance was driven. The general indications in the drive give little doubt that something very remunerative and permanent will soon be brought to light.

I have just registered two fresh claims at Blakeville, south of the Undaunted. This part of the division has been neglected for some considerable time.

On the Back Creek some alluvial miners are at work, and I am informed are making fair wages.

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.

Mr. Alexander Alderdice, Mining Registrar.

The supply of water to the alluvial miners has not been up to the average of the last few years, and, in consequence, there has not been so much activity in that branch of mining. But in quartz mining there is a decided improvement, some of the old abandoned reefs having again been taken up, and, so far as they have been tried, with payable results.

The Waterloo Reef and Mill, Myrtleford, which has lain so long idle, having been purchased by a party of miners, has been tried, and the crushing gave 5 dwts. per ton, although a large quantity of the stone was known to be almost worthless and had been left by former owners. The reef looks exceedingly well now, and it is certain to pay handsomely.

The Homeward-bound Reef, Rocky Point, has also been started again, and payable stone discovered within a few feet from where the old company left off driving. A large quantity of payable stone has been got out, and the party are erecting a battery, to be driven by water, for the purpose of crushing.

The Prince of Wales line of reef at Myrtleford has also been tried again, and some very rich stone obtained from the northern end of it. No crushing has yet taken place, but the show has induced several parties to take up claims on the same line.

The Northampton Reef, Buffalo, and one or two others in that vicinity, are evidently payable reefs; but until Mr. Hart's new mill is completed no crushing can be done. This mill will probably be started during the month of October, when the Buffalo Ranges will be tested. Hitherto the charges for carting and crushing from this locality have precluded any but very rich reefs being worked.

An old reef at the head of Mopoke Gully has been taken up, and the stone looks well. A trial crushing will be had in a few days, which the party anticipate will go 2 ozs. to the ton.

The Hurdle Flat Reefs have shown well during the quarter, the Wallaby and Kingston Company especially. The former reef is now in the hands of a new proprietory, who have adopted the plan of taking out the stone in a face, and not picking it here and there where it may look well. The 650 tons crushed averaged over 6 dwts. per ton, and will give a handsome dividend to the owners.

Some very rich stone has been found in the Reform Reef, Myrtleford; 37 tons crushed gave nearly 2 ozs. 13 dwts. There is a strong impression that the neighborhood of Myrtleford will again become noted for its rich reefs; and it certainly will if the stone turns out only half as well as the miners anticipate.

At Eldorado mining is quiet. The deep claims are paying fair dividends, but there seems to be no desire on the part of miners to try any new ground below the present workings. The decrease in the yield of gold for the quarter is attributable to the fact that several of the largest alluvial claims do not "wash up" at this time of the year.

YACKANDANDAH DIVISION.

Mr. Peter Wright, Mining Surveyor and Registrar.

I have nothing special to report for the Yackandandah division for the past quarter.

The alluvial miners are fully employed, water being abundant, and the returns are about the usual average, paying moderately. There are no new workings.

Quartz miners are continuing hopeful. Mr. J. Magill is pushing his Von Moltke tunnel with three shifts; it will cost him over £2000 to strike the reef. The Polar Star Company have three shifts in their tunnel; it is now in over 400 feet, and is thought to be near the reef. Two or three new reefs have been found, which are thought well of.

Number of heads of water now selling, 6; price per head per week, average about 15s.; price per thousand gallons, uncertain, the heads not gauged, say 1s. 6d.

INDIGO DIVISION.

Mr. R. Arrowsmith, Mining Surveyor and Registrar.

No new discoveries have been made in quartz mining. The few men employed in this branch of mining continue, as usual, to earn fair wages. The workings are still confined to limited depths, no attempts being made to trace the reefs to low levels.

The Sons and Doma Consols Tribute Company, Chiltern Lead, have again found it necessary to increase their capital.

The Durham and Caledonian Company, at the junction of the leads of that name, have commenced to block out, and are realizing very good returns. This claim is said by practical miners to be the best alluvial claim opened in the division during the last ten years. It is probable the lead will ultimately be traced into the ground formerly held by the Indigo Grand Junction Company, where a considerable sum of money was spent, some years ago, in attempting to discover payable gold.

The Glencoe Junction Gold Mining Company, are still engaged upon their main drives, which have extended for a distance of 470 feet. The ground now being driven through yields on an average 9 dwts. to the set of laths, a return very satisfactory to the shareholders.

The state of mining on other leads calls for no special remark.

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

BUCKLAND DIVISION.

Mr. Lewis C. Kinchela, Mining Registrar.

The mining returns for the quarter just ended show an increase not only in the number of miners in the Buckland division, but likewise a considerably larger amount of quartz raised than in the previous quarter.

Upon the Buckland River quartz mining has been much depressed for many months past (the amount of stone raised there being little over 200 tons for the quarter); but there are grounds for believing that the period referred to will be very much improved upon in the ensuing quarter, as not only are steps already taken to recommence work upon the Alta and Nelson Reef, but since my return was closed to-day a parcel of 330 ounces from 124 tons of stone, taken from a partially abandoned reef by four men in nine weeks, was brought into the Australasia bank.

Upon Running Creek the only reef worth noting is the Happy Valley, where the most systematic, extensive, and persevering mining is pursued; but here, as in all other local mines, the stone has decreased in value, while the expenses have increased, as the reef has been sunk upon; and although little if any profit accrues from working the deepest portion of the reef, yet the company are now engaged in sinking the shaft 80 feet more, expecting that, as the reef is apparently permanent, and is increasing in length, richer stone will be struck at lower levels.

The Harrietville quartz mines are improving. The Southern Cross Reef, although producing poor stone, is likely to yield such quantities as will keep the mill permanently at work for many months to come, and pay handsome dividends to the owners. In a previous report the United Miners' Reef was referred to as being almost worked out, and only a few men engaged upon it; by the returns herewith it may be observed that the mine is again in full work, and paying handsomely, the general impression being that it would take years to work out the reef.

For four years reefing has not been so prosperous upon Morse's and Growler's Creeks as at present; consequently few, if any, quartz miners are unemployed. The recently erected mills, "the Hillsboro'" and "the Queen of the South," have each just started to work, and contributed one parcel each to the present returns, and will materially influence those of the next quarter.

In various parts of the division old reefs have lately been reoccupied, with most satisfactory results, and an additional impetus has thereby been given to prospecting; however, although eighteen new reefs have been registered in the quarter, yet there are no circumstances connected with any of them deserving of note at present.

A party of four men have cut a tail race at Growler's Creek for the purpose of sluicing a claim of 800 yards; this being the first attempt on the part of Europeans, for a long period, to work in this manner in this part of the division. A somewhat similar undertaking has been commenced by a company to wash the Ovens River bed near Bright. At Porepunkah a party holding under lease have been realizing an average of about £5 per man each week in the bed of the Ovens River; and it is very probable that more attention will be given to this class of mining in that locality immediately upon the spring floods subsiding.

ALEXANDRA SUBDIVISION.

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

Alluvial Mining.

Since the date of my last report the Victory Company, on the Working Miners' Lead, Godfrey's Creek, have succeeded in bottoming their shaft under considerable difficulties, the large body of water to be contended with having greatly impeded their progress. The prospects obtained, however, have created an amount of excitement such as has not been known here for some years. The whole of the ground extending southerly along the entire course of Godfrey's Creek, and thence along part of the Home Creek, has been or is being applied for under the Gold Mining Leases Regulations, embracing a considerable portion of land already alienated under the provisions of the Land Acts of 1865 and 1869. The shaft was found to obtain a greater depth, viz., 137 feet, than any previously sunk on this lead, showing a depth of washdirt of 6 feet, from which good dish prospects are reported to have been washed.

The New Gobur Company have completed the erection of their machinery, which has been greatly delayed by the difficulties of obtaining certain portions of the connecting gear. The pumps are now being hung, and will be completed during this week, when it is immediately proposed to continue the sinking of their shaft to the depth required. The main and other drives northerly, which have been energetically prosecuted during the quarter, have reached a distance of over 3000 feet. It will be observed from the return herewith that the average yield of gold obtained shows a material increase on the return of last quarter.

The Triumph Gold Mining Company.—A contract has been entered into for sinking a shaft in this company's ground, and twelve miners have this week commenced operations. Should this company also bottom on gold, there can be little doubt that the alluvial leads known or believed to exist in this subdivision would then be developed and worked, machinery being essential to such development, and the inadequacy of the means of the local miners has tended to delay the production of our auriferous resources, which have so long been unproductive.

The lead formerly prospected for in the Middle Creek is also attracting attention, a gold mining lease having been applied for in the locality by some of the parties who previously worked there.

Royal Standard Lead, Robinson Crusoe Gully.—During the quarter Messrs. Peterkin and Sloan have let their mine on tribute; although the tributers have not obtained any great result, yet the gold obtained pays those engaged a fair rate of wages for the work performed.

The shallow alluvial workings still continue to employ a portion of our mining population. I do not, however, hear of greater results being obtained than average wages, and often the results are very small indeed.

Quartz Mining.

Since my residence in Alexandra, quartz mining has never been in such a depressed state as it now is. The whole line of the Lucky Reef has, on McDougall and party ceasing to work Nos. 2 and 3 north, been entirely abandoned until a party of miners took those claims on tribute; they are, therefore, now the only party at present at work on that line of reef.

On the Mysterious line of reef no mining operations have been performed for over six months; lately the crushing battery required by the tributers has been erected, but mining operations cannot be commenced until the connecting gear, which it expected from Melbourne, arrives. It is anticipated that within a week or a fortnight they will be in a position to commence operations.

In other portions of the subdivision quartz mining is equally depressed.

There is no water disposed of for mining purposes in this subdivision.

DRY CREEK SUBDIVISION.

Mr. Robert Pemberton, Mining Registrar.

Mining in this division is in a very depressed state. No new discoveries have been made during the past quarter. There are four sluice-heads of water used per diem, and the price per week for the same is from £3 10s. to £4.

GAFFNEY'S CREEK SUBDIVISION.

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

This is the only part of the Wood's Point district which has materially improved during the past quarter, and promises well for the future.

The Great Eastern Company took up a lease adjoining their old ground, and south-east thereof, a few months back, and have succeeded in reaching a good run of gold, which has given them the first payable results for some time back The claim is worked by Chinamen, and indeed half held by one of their countrymen. It is easily and cheaply worked, and an average of 5½ dwts. per ton is a highly profitable result. The prospects of this company continue good.

The Gaffney's Creek Company's tributers have also obtained most satisfactory results, and are on a valuable strike of gold, which gives them equally high yields.

The Hunt's Gold Mining Company are now erecting a pump and connections with their machinery, some 700 or 800 feet off, the rods being carried through their tunnel. On completion of this work they will continue their shaft, and, as they left off on gold, their prospects are cheering.

The Rose of Denmark Company have completed the erection of a Munday's buddle, a concentrator, and Chilian mill, which, in connection with their extensive roasting furnaces, form a complete means of treating their pyrites. The first lot is now being triturated, and the washing up will take place shortly.

The alluvial mines have done very well during the past quarter, but no water has been sold.

WOOD'S POINT SUBDIVISION.

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

Matters continue very dull here, through want of capital. All the leading mines have reached that stage at which a further application of money is necessary to obtain future results, and no great willingness is apparent to run the risk.

The Hope Company is the one exception; having completed their shaft, they are now getting in timber for the erection of the necessary pumping and lifting machinery to work their deep levels. The machinery is, I understand, all at Marysville, and must be delivered on the claim early in December. These works will entail the employment of a number of extra hands, and be a boon to the district.

The company have had their first crushing from the newly discovered lode; it yielded 16 dwts. to the ton, and, as a large quantity of mullock was crushed with the quartz, a higher yield may be anticipated next washing up.

The prospectors of the Morning Star have as yet made no start towards shifting their machinery, and appear still undecided on the point. They have a very large reef in their claim unworked, but not sufficiently rich to be profitably stoped unless the crushing battery is brought down below the level of these stopes, or other means adopted to render the dragging of the matrix up-hill unnecessary. The Nos. 1 and 2 North and the Alps Great Central Company's tributers continue to drive for the reef lately struck and now being worked in the Hope, which they have not yet reached.

The Franklin Company have been compelled to cease working in their low levels, as the monkey shaft lately sunk on their gold strike is waterlogged. The water is expected to fall during the next few months, when a trial crushing is to be raised, and, if satisfactory, it is proposed to continue the main level now 800 feet in, and which would give some 300 feet stopes on reaching the reef. The upper ground has been let to a party of tributers.

The MacSicca's Company, who hold four-fifths of the tribute in the neighboring ground, known as the Alliance Company's, have struck the run of gold as anticipated, and can show some fine stone; the vein where struck is thin, say 8 inches.

The Prince of Wales tributers have been crushing mullock, pending the determination by lapse of time of their tribute.

The results in the All Nations can hardly be termed satisfactory, and are barely payable at present.

At the Black River the Golden Star Company alone show fair results, while the adjoining claim on the same line, the Oriental, has had unusually poor returns.

The alluvial miners complain much and with reason, the yields for the past quarter being very low.

There has been no water sold that I hear of; price when sold is 10s. per sluice-head for 12 hours.

BIG RIVER SUBDIVISION.

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

I have nothing particular to report as to this subdivision. The two mines which are being fully worked are those of the Londonderry Company, *cum* Retriever Company, and the Luck's All mine, on Wannis Creek. They employ about the same number of men, and yield payable results, the last mentioned having, however, fallen off considerably this year in its yield. They are both under tribute, and the Londonderry tributers have now entered into an agreement with the Retriever Company to work their mine, which immediately joins the Londonderry ground, and up to which the main level in the latter has been driven. On Specimen Creek a reef known as the Antimony Reef, a wide granite dyke showing much quartz with a small antimony vein, is being further prospected, very little having been hitherto done, though the value of the ore was ascertained to be payable some years ago.

No other prospecting in untried ground is being prosecuted, a permanent wage when obtainable being preferred to the uncertainty of looking for new reefs or trying those already found.

The alluvial miners have averaged about 20s. per week during the quarter.

Water is abundant, and none has been sold during the past three months.

MITTA MITTA DIVISION.

Mr. W. H. Cochrane, Mining Registrar.

I have nothing new to report this quarter from this old goldfield. The season has been favorable for sluicing work, a plentiful supply of water without floods. The miners are on the whole making fair wages, and are steady and satisfied. Sluicing continues to be chiefly the mode of working; the races are mostly in the hands of the claimholders; a few parties rent water at a nominal rate, keeping the races in repair.

The reports from the Koetong tinfield are very unfavorable. The ground is described as being very patchy and unremunerative.

JAMIESON SUBDIVISION.

Mr. W. H. Edwards, Mining Registrar.

Gleeson's Lease Company.—This mine and plant are now in good working order, and continue to pay good dividends. The Venture Company show a marked improvement in the yield of gold during the past quarter—700 tons of stone yielding 832 ozs. of gold. The Alabama Company.—The trial crushing from this mine having proved payable, it was decided by the company to put in a low-level tunnel, which is now being driven. The Albion.—The returns from this mine have not equalled expectations; the shareholders are still prospecting the claim. The Queen of the Alps.—The last crushing having proved satisfactory, the company intend to continue raising stone. The Mack's Creek Company's tunnel is now in 500 feet; nothing payable having been struck, the company intend to continue it a further distance of 200 feet. The Golden Nugget, Baker's Creek.—The tributers, having completed the re-erection of the machine, will commence crushing. The North Gleeson's Company are driving along the reef, but no payable stone has yet been struck.

There is no puddling carried on in this subdivision.

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.	Name of Reef.	Tons.	Total Yield of Gold.	Average 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. 3	Garden Gully Reef ..	295	2,841 9 0	9 12 15·37	320 feet	..	3 feet
Garden Gully Tribute, No. 2	Garden Gully Reef ..	470	263 6 0	0 11 4·90	320 feet	..	3 feet
Garden Gully Tribute, No. 1	Garden Gully Reef ..	410	182 3 0	0 8 21·24	397 feet	..	6 inches to 1 foot
Garden Gully Freehold ..	Garden Gully Reef ..	663	1,043 18 12	1 11 11·78	300 feet	70	4 or 5 feet
Pass-by	Garden Gully Reef ..	910	1,346 0 0	1 9 13·97	360 to 410 feet ..	200	1 foot 6 inches
Carlisle	Garden Gully Reef ..	1,662	2,056 0 9	1 4 17·79	408 feet	160	1 foot 8 inches
Rainbow Tribute ..	Garden Gully Reef ..	633	402 10 0	0 12 17·21	340 and 430 feet		
Great Extended Hustler's Reef Tribute	Hustler's Reef ..	464	880 0 0	1 17 22·34	300 and 400 feet ..	130	From 2 to 3 feet
Great Extended Hustler's Reef	Hustler's Reef ..	6,500	5,240 13 0	0 16 3			
Hustler's Reef	Hustler's Reef ..	529	809 3 0	1 10 14·20	530 feet	70	1 foot
Royal Hustler's	Hustler's Reef ..	1,833	1,422 17 0	0 15 12·59	300 feet	200	4 feet
Shenandoah, New-chum, and Bellevue Tribute	New-chum Reef ..	932	806 12 0	0 17 7·41	166 feet	70	Average 18 inches
North Old-chum	New-chum Reef ..	1,755	851 0 0	0 9 16·75	400 to 620 feet ..	..	A new and rich reef struck at 620 feet, 8 feet wide
Young-chum	New-chum Reef ..	943	354 16 0	0 7 12·59	330 to 360 feet		
Lazarus No. 1	New-chum Reef ..	1,164	2,379 15 0	2 0 21·34	612 feet	190	About 2 feet 9 inches
Lazarus New-chum ..	New-chum Reef ..	410	166 15 0	0 8 3·21			
North Johnson's	Johnson's Reef ..	1,101	1,504 0 0	1 7 7·09	437 to 487 feet ..	..	A new winding engine and plant erected
Johnson's Reef G. M. ..	Johnson's Reef ..	3,324	4,423 10 0	1 6 14·77	400 feet	..	From 1 to 30 feet, including spurs. Engine-shaft 660 feet deep. New winding engine erected
Hansel Monday Tribute ..	Carshalton Reef ..	932	529 15 0	0 11 8·83	185 feet	..	About 40 feet
Arcadian	Carshalton Reef ..	471	155 3 0	0 6 15·13	243 feet	180	Average 3 feet
Golden Fleece	Stafford Reef ..	4,502	3,833 0 0	0 17 0·67	170 to 460 feet ..	..	From 2 to 15 feet
Golden Fleece Tribute No. 3	Stafford Reef ..	296	435 10 0	1 9 10·21	145 feet	..	From 6 inches to 2½ feet. 6 feet wide at 480-foot level
Victoria Reef G. M. ..	Victoria Reef ..	2,555	1,209 1 0	0 9 11·14	430 to 480 feet		
Victoria Q. M.	Victoria Reef ..	1,267	1,765 5 0	1 7 20·76	672 feet	..	Average 4½ feet
Royal Standard	Perseverance Reef ..	1,203	263 16 0	0 4 9·25	300 feet		
Koch's Pioneer	Perseverance Reef ..	1,449	435 3 0	0 6 0·14	350 feet	47	6 feet
Catherine Reef United ..	Catherine Reef ..	2,982	1,052 8 0	0 7 1·40	Surface to 420 feet	130	Generally obtained from small veins
South Catherine ..	Catherine Reef ..	450	258 9 12	0 11 11·70	370 to 467 feet ..	180	Mass of spurs averaging 2 feet
North Whip	Whip Reef	1,263	478 6 0	0 7 13·77	230 to 270 feet ..	..	A 14-horse-power engine erecting; double winding gear
Clough and Hurrell's Tribute	Devonshire Reef ..	1,000	1,157 5 0	1 3 3·48	100 feet	..	9 to 20 feet
Bendigo and Melbourne ..	Bird's Reef	1,334	432 7 0	0 6 11·56	170 to 350 feet ..	50	From 12 feet to 20 feet between the 170 and 190 foot levels; and from 1 to 2 feet at 350-foot level
Nil Desperandum ..	Welbourne Reef ..	3,630	612 12 0	0 3 9	250 feet upwards ..	175	Average 20 feet
South Fraser's	Fraser's Reef ..	899	629 7 11	0 14 0·09	250 feet	..	3 feet
Pioneer	Eagle Reef ..	968	302 14 6	0 6 6·10	100 to 400 feet		
Wilson's Reef	Wilson's Reef ..	1,150	395 6 0	0 6 20·99	220 and 400 feet ..	220	From 1 to 14 feet
Great Britain	Prince Alfred Reef ..	2,155	308 17 0	0 2 20·79	250 feet	80	15 feet
Pyrites.							
Shenandoah, New-chum, and Bellevue Tribute	New-chum Reef ..	9	46 3 0	5 2 13·33			
Fortuna Crushing Works ..	New-chum Reef ..	66	184 15 0	2 15 23·63			
Lazarus New-chum ..	New-chum Reef ..	30	92 16 0	3 1 20·80			
Great Hustler's	Hustler's Reef ..	210	167 0 0	0 15 21·71			
Great Extended Hustler's Reef Tribute	Hustler's Reef ..	34	359 14 0	10 11 14·11			
Great Extended Hustler's Reef	Hustler's Reef ..	149	475 10 0	3 3 19·81			
Hustler's Reef	Hustler's Reef ..	15	42 4 0	2 16 6·40			
Carlisle	Garden Gully Reef ..	21	150 0 0	7 2 20·57	Treated by means of reverberatory furnace and Wheeler's pans, arastras or Chilian wheels.		
Pass-by	Garden Gully Reef ..	51	227 0 0	4 9 0·47			
New Nelson Reef ..	Nelson Reef ..	13	26 0 0	2 0 0			
Albert	Stafford Reef ..	20	22 12 0	1 2 14·40			
Beehive	Devonshire Reef ..	6	14 9 0	2 8 4			
G. G. Consolidated ..	Glasgow Reef ..	4	9 7 0	2 6 18			
Bendigo and Melbourne ..	Bird's Reef ..	9	4 9 0	0 9 21·33			
Johnson's Reef G. M. ..	Johnson's Reef ..	417	162 19 0	0 7 19·56			
Johnson's Reef G. M. ..	Johnson's Reef ..	42	52 4 0	1 4 20·57			
Blanket Sand.							
Lazarus New-chum ..	New-chum Reef ..	23	58 0 0	2 10 10·43			
Lazarus No. 1	New-chum Reef ..	20	111 0 0	5 11 0			
Catherine Reef U. C. ..	Catherine Reef ..	10	49 14 0	4 19 9·60	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.

There has been a large quantity of quartz crushed during the past quarter, the yield from which is not quite so good as it has been, but the general prospects are very good.

The discovery of rich reefs in the deepest mines, and the splendid yields from the southern end of the Garden Gully, Hustler's, and other reefs in various localities, have furnished the most satisfactory proofs of the great value and permanence of the reefs in this district.

In alluvial mining there is nothing new to record.

No water has been sold for mining purposes.

The rainfall has been 6·84 inches.

KILMORE DIVISION.

Mr. James W. Osborn, Mining Registrar.

There is no improvement in either quartz or alluvial to report in my division. No puddling or cement crushing is carried on, or water sold.

HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.

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

There has been no animation in mining operations during the last quarter in my division.

The yields and the number of men at work continue to be about the same as they have for some time.

The small alluvial rush called the "One Eye" is I think in a state of decadence. I believe that the miners at work on it are barely earning moderate wages; a few of them have left, and are now working at a place about a mile and a half north of the "One Eye," known as Mullocky Hill. Some of the claims at this place have proved to be tolerably remunerative, but there is nothing of importance to report of it. I have no new matter to report with regard to quartz mining or mineral during the quarter.

WARANGA NORTH SUBDIVISION.

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

The depression in alluvial mining in this division has increased during the quarter. Very few are now engaged in this pursuit, and those in detached parties.

Quartz mining, though still depressed, has latterly exhibited some improvement. The stoppage of the Perseverance Company, and the partial stoppage of the Balaclava mine, have caused a number of miners to leave the district, and to seek employment elsewhere. But the discovery of several payable reefs at the White Hills and Coy's Diggings, and the satisfactory crushing of the Schleswig Holstein Company, yielding an average of 6 ozs. to the ton, have given a fresh impetus to quartz mining throughout the division.

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.

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

Alluvial Mining.

Several prospecting claims have been registered during the quarter. One of these, situate beyond Messrs. Simsons' station, on the road to Eddington, occasioned a small rush, which will have the effect of thoroughly proving the ground in this portion of the division. There, there is a large extent of new country, and payable gold has been obtained from several claims. The depth of sinking varies from 15 to 24 feet.

The splendid beam engine, 80 inch cylinder, and 10 feet stroke, ordered in England by the Duke and Timor Company, is now nearly all on the ground. The engine-house, a massive building, has been erected at a cost of over £2000. The 22-inch pumps will now be fixed in the shaft, and the engine erected forthwith.

The Alma and Timor Junction Company have finished the erection of their fine plant, consisting of a 24-inch and a 16½-inch cylinder engine; also winding and pumping gear, with two 15-inch lifts. The New Magnum Bonum Company have also completed their plant. The Gladstone Company have scarcely done anything beyond prospecting their claim during the quarter.

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	1,245	5	6
All Nations, Chinaman's Flat	197	13	6
John Bright, Chinaman's Flat	2,056	17	0
Alma Consols, Alma	3,318	12	0
Queen, Alma	1,298	16	0
Seaham, Alma	2,800	9	12
Gladstone, Alma	199	11	0
Lord Clyde, Havelock	80	0	0
Total	11,197	4	0

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

	£	s.	d.
Band of Hope	1,050	0	0
Alma Consols	7,500	0	0
John Bright	4,500	0	0
Queen	600	0	0
Seaham	5,700	0	0
Total	£19,350	0	0

Quartz Mining.

This class of mining, which, owing to a variety of circumstances, has been so long depressed, is now showing clear signs of revival and prosperity. Several valuable prospecting claims have recently been registered. Of these, two trial crushings, of 22 tons of stone, from the Rob Roy claim, situate at Havelock, gave 45 ozs. of gold. The London claim, situate at White Hills, had also two trial crushings; 15 tons 19 cwt. of stone gave 22 ozs. 2 dwts.; and 9 tons gave 18 ozs. 9 dwts. 18 grs. The depth of sinking averages from 15 to 30 feet, and the reefs are improving in width and character as they descend.

The Bristol Hill Company are now engaged with a crushing of 400 tons, which they hope to have finished in a fortnight. Their plant is in fine order, and the prospects of the mine have greatly improved. The Mariner's Reef Company have not yet begun to crush stone from their own mine; but they are now crushing for the public, which will be a great convenience. Messrs. Bennett and Sons, whose plant is at the Mariner's Reef, have formed a company for the treatment of pyrites, which I have every reason to believe will be highly successful.

MAJORCA SUBDIVISION.

Mr. John M. Murphy, Mining Registrar.

During the past quarter mining in this division has been very dull, although some very good yields have been obtained by the Morning Star, Cosmopolitan, and Reform Companies, working on the Majorca Old Lead. The Kong Meng and Columbia Tribute Company, on the Hanoverian Lead, have been main-driving, at great disadvantages on account of the very great quantity of water struck in the lower level, to prove a new and deeper gutter, and have obtained most encouraging prospects; the company anticipate good yields during the coming quarter.

The Reliance Tribute Company (late Robin Hood Company), north of the Kong Meng Company, are about erecting a new boiler in addition to their present plant, and will probably commence operations in two or three weeks' time.

The New Talbot Tribute Company, Rocky Flat, working the late Sadowa Company's ground, McCullough's paddock (private), have had some very good yields; so has also had the Greenock Park Tribute Company (private property), on the Scandinavian Lead.

There are very few isolated mining parties in the division, mining operations being almost exclusively confined to co-operative and registered companies.

I have nothing whatever to report on quartz mining. The Prince Alfred Reef (Deed Brothers), German Gully, having had only one crushing of 36 tons during the quarter.

AMHERST DIVISION.

Mr. Joseph Smith, Mining Surveyor and Registrar.

Quartz mining it this division is rather below the average in regard to the yield; but the number of reefs opened out or prospected is on the increase, although not yet giving returns.

The reef at Brown's Gully, near Lexton, being so far removed from a battery (the carting and crushing costing £1 per ton), the miners have hopes of being able to erect a battery in the locality. They have now about 300 tons of stone at grass.

The yields from the Prince of Wales Reef are upwards of one ounce per ton, with a lode about 2 feet in thickness, but the stone is difficult to work.

On the other hand, the Mia-mia Reef has turned out a complete failure. The company has now collapsed, after expending about £3000 on the mine.

Alluvial Mining.

There is nothing very encouraging in the large alluvial mines, the tributers in which do not make average wages. The detached parties in alluvial mining are slightly on the increase, and the yields from the surface washings give increased returns, from having an abundance of water from Stewart and Farnsworth's reservoir.

Return showing the income derived from water for the quarter, viz.:—

Six sluicing parties (two sluice-heads each), at 40s. per week for each party, for 12½ weeks during the quarter	£144
Four puddling machines (one sluice-head each), at 20s. per week for each party, for 12 weeks during the quarter	48
Total	£192

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.

The Melbourne and Avoca Company, Avoca Lead, are still engaged in sinking the No. 3 shaft to a depth of over 200 feet. They have had a great deal of water to contend with.

The Sons of Freedom Company have stopped work and disposed of their machinery. It appears that the water was too heavy for them to contend with.

At Trevithick and Co.'s claim, lower down the Avoca Lead, the workings are comparatively dry, and the ground is being well prospected. About a fortnight ago a nugget was found here containing over 21 ozs. of pure gold.

The Band and Lake Company, Homebush, have hitherto been unsuccessful in their endeavours to strike the lead; with the exception of pumping, work is at present suspended on their claim.

The Homebush (late the Golden Lake) Company have been testing their ground by boring, and are, I understand, about to sink a new main shaft to a proved depth of 152 feet, on the supposed course of the lead.

The rush at No. 2 Creek has decreased, but continues to support a large number. The average yield is poor. Heavy rains have retarded mining along the Middle Creek line of diggings. The Chinese are said to be getting good yields at the lower end of Kimberley. Average 4 dwts.

Quartz Mining.

There is a marked improvement in this subdivision as respects speculation in this branch of mining, and there appears to be a desire to more thoroughly test not only well-known reefs along the main line of the Pyrenees but also those near the township of Avoca.

The United No. 2 Company, Barnes Reef, have been working until lately at the 160-foot level.

The United No. 2 North Company are working on the Barnes line of reef. Their shaft is sunk 100 feet, and stone is being taken out from the 50 and 100 foot levels. It is intended to erect shortly crushing machinery on both the Barnes and Perseverance Reefs.

A company has been formed to work the Perseverance Reef by means of a tunnel, the contract for 450 feet of which has been let.

The Monte Christo Company, Monte Christo Reef, are also about to erect a crushing plant near their lease. This will doubtless prove serviceable, not only for their own reef but for others in the neighborhood, which would doubtless be taken up again and more thoroughly tried if there were a crushing mill near them.

The Harrison Redan Company, Donkey Hill Reef, are taking out stone at the 130-foot level. A battery of eight stamps is being erected in connection with the above claim and the adjoining one north.

DUNOLLY AND TARNAGULLA DIVISIONS.

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

Dunolly Division.

In quartz mining there has been a little revival, but alluvial mining still continues in a very depressed state.

Bealiba Reef.—The Goldsborough Company have been driving a cross-cut at a depth of 380 feet. This is now in 128 feet from the shaft, and they expect to shortly strike the western reef. They have also been breaking out stone from the 90-foot level, in which some payable gold has been seen. Mine force, 12 men. Queen's Birthday Company have been sinking the shaft deeper, the depth now being 407 feet. They have also been driving the 335-foot level south, which is now in 429 feet, and breaking out stone from the 335 to the 275 foot levels. On the western reef a winze has been started, and is carrying stone containing gold in very payable quantities. 1304 tons of stone crushed during the quarter have yielded 738 ozs. 10 dwts. 3 grs. Goldsborough Extended Company have men on breaking out stone from a reef at about 40 feet from the surface.

Queen's Reef.—The Queen's Reef Company are cross-cutting for the reef at 200 feet, and expect to cut the same in a few days. They are also working on the eastern reef, which is about 2 feet thick, and is estimated to yield ½ oz. per ton.

Bet-bet Reef.—Operations have been resumed on this line of reef, and some very excellent stone got, some of the specimens being very rich. The stone, which was thin at first, is now about 2 feet thick, and carrying payable gold. Calder and party have discovered a new leader outside the Bet-bet Company's ground. The leader is about 9 inches thick, and is expected to yield 15 dwts. per ton. Drayton and party have crushed 50 tons, for a yield of 12 dwts. per ton.

Advance Bealiba Reef.—The shareholders in the Welcome claim have sunk the shaft to a depth of 150 feet, and opened out for the reef. They have also been breaking out stone from the upper levels, 200 tons from which yielded at the rate of 15 dwts. per ton.

Royal George Reef.—Chapple and party have sunk their shaft to water-level. They have had two crushings of stone, the first of which yielded, from 32 tons, 5 dwts. per ton, and the other one, from 60 tons, 6½ dwts. per ton.

Break-o'-Day Reef.—Kern and Stone have crushed 70 tons for 22½ ozs.

In alluvial mining the Prince of Wales Company, on the Pound and Gooseberry Hill Leads, have been boring, and are about to sink a permanent shaft, having purchased steam machinery for draining the ground. Dahl and party are getting some good washdirt in their claim at the junction of the Cockatoo Flat and Bet-bet Leads, the gold being of a nuggety character, some of the pieces weighing 1 oz., 15 dwts., 13 dwts., &c. At Moliagul a nugget weighing 44 ozs. has been found in shallow ground.

Tarnagulla Division.

In this division quartz mining is more than usually dull, and nothing of importance has occurred in alluvial mining.

Poverty Reef.—The United Poverty Company are driving north on the reef at the 465-foot level, but the prospects are very poor. The London and Lancashire Company and the Prince of Wales Company have, together, been sinking the shaft of the former company, which is now 380 feet deep, and intend to sink it about 64 feet deeper before opening out. They cut a block of stone in sinking in which gold was seen.

Ironbark Reef.—The South Poverty Consols Company have five men working in the mine on tribute.

Cay's Reef.—The Dives Company are driving for the reef, which they expect to cut in about 8 feet more.

Sandstone Reef.—The Golden Hope Tribute Company (Watkins' Lease) have sunk the shaft to a depth of 540 feet, and are now breaking out stone, which is said to be payable, from some of the upper levels. Victoria Company.—The shaft is 500 feet deep, and have got stone considered payable in the bottom level. Princess Royal Company have sunk the shaft to a depth of 350 feet, and are driving for the reef. The Cambrian Company, Prince of Wales Company, and Great Extended Company, are about amalgamating, and intend to sink the shaft of the former company deeper, and preparations are being made for that purpose.

Specimen Reef.—Ruddock and Allen have had a crushing of 29 tons, which yielded 37 ozs.

KORONG DIVISION.

Mr. Nesbitt Cockburn, Mining Registrar.

Mining in this division has revived a little during the past quarter. On the line of March Reef the Unity, March Reef, and Independent Companies have completed their amalgamation, and the amalgamated company are about to commence work immediately in the Unity mine; and as they have very powerful machinery for both pumping and crushing, the working of this mine will greatly assist other companies on the same line of reef in the matter of drainage.

Fone's Reef, at Burke's Flat, is looking well; also Brown's and Prince of Wales Companies at Wehla.

Quartz mining has considerably improved at Wedderburn. The Specimen Hill plant is about completed, and they are now crushing payable quartz from the Specimen Hill and Canadian Reefs. Several other reefs have been taken up in that locality and work commenced during the past quarter.

In alluvial mining there is very little doing at Inglewood. Steps are being taken to amalgamate the two companies on the Daly Lead, and form the two into a new company.

During the past month a number of miners from Avoca Forest have returned to the old ground at Berlin, with profitable results; and many parties have commenced paddocking the shallow and wet ground with the intention of working throughout the summer.

REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.

Mr. P. Simpson, Mining Surveyor and Registrar.

The New Isis Company are getting out stone from the No. 6, or 386-foot level. The quality of the stone varies considerably, but the average yield would appear constant.

A battery of eight stamps has been completed at Darling Flat, and stone is being crushed from the Rubbly Reef.

The Ram Quartz Mining Company are sinking on the supposed line of reef north.

The Goldfinch Company (No. 2 South) are sinking a new shaft more to the west, to cut the reef between 200 feet and 300 feet.

At the No. 1 South claim a plumb shaft is also being sunk.

The Eureka Company are cross-cutting for the reef.

A small rush has taken place to the Hard Hill, near Moonambel. Alluvial mining is otherwise extremely dull.

ST. ARNAUD NORTH SUBDIVISION.

Mr. P. Simpson, Mining Surveyor and Registrar.

The Rising Star claim is now being worked by a Melbourne tribute company. They are sinking the main shaft 60 feet deeper, or to a depth of about 466 feet.

The Chrysolite Hill Company are preparing to drain their mine, and to sink their shaft 100 feet deeper.

At the Wilson's Hill claim 500 tons of stone are now being crushed, which promise an average yield equal to that shown in the tables.

The Bell Rock Company are sinking their shaft; present depth, 282 feet.

At the Blinkbonnie Reef they are still engaged in sinking shaft; ground hard; depth attained 270 feet. They expect to strike the reef at 30 feet below present level.

The Victoria Association and Hopeful Company are engaged in driving on the course of the lodes.

Work is temporarily suspended at the New Bendigo Company's mine, Bristol Reef.

The small rush at Wattle Flat still continues, but the yields are generally very poor.

At the Silver Mines 185 tons of quartz have yielded 5200 ozs. of mixed metal, the estimated value of which is £565.

CASTLEMAINE MINING DISTRICT.

CASTLEMAINE DIVISION.

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

The returns of gold obtained and mining operations in general in this division are steadily improving. Whilst the old alluvial workings serve as a *dernier resort* for those who have exhausted their means in prospecting quartz reefs, or in fencing and cultivating their agricultural holdings, a new feature is being developed in utilizing the water from the Government reservoir at Expedition Pass. Three companies have commenced, and others are contemplating doing so, the Government having conceded the use of said water at a rate that should pay for the reworking of all our old workings. The result of these sluicing operations will appear in future reports. At present the only public alluvial company is the Defiance, whose return for the quarter has been 414 ozs.

In quartz mining, as the shafts are being sunk and the mines developed, very encouraging results are obtained.

On the Englishman's Reef, so long idle, by the application of steam-wrought draining machinery, the ground has been drained, and a splendid golden reef is being opened out, the real value of which cannot be estimated.

On the Devonshire Reef the Devonshire Company during the quarter have had 812 ozs. 14 dwts. from 801 tons; and at the bottom of their shaft—294 feet—have just cut an extra rich lode, which, with the leads previously found, render this mine of increased value.

The Duke of Devonshire to the south and the north and North Amalgamated Companies to the north are persevering, with every prospect of soon discovering continuations of the same lodes, which are of a well defined and regular formation.

The Little Nuggety returns 186 ozs. from 100 tons of quartz crushed; and the adjoining Nuggety Lease is entirely occupied by tributing parties, who have repaired the machinery, and had crushings amounting to 85 tons, which yielded nearly 78½ ozs. of gold.

The Caledonia Company and No. 1 Tribute have crushed from their large body of stone nearly 3000 tons, averaging about 6 dwts. per ton—very remunerative, as the stone is so easily obtained. The company have broken through in cross-cut from new engine-shaft to old workings, which will facilitate operations materially. The No. 1 Tribute are working at 208-foot level. The No. 2 Tribute have struck the reef at 213-foot level by an easterly cross-cut, and the No. 3 Tribute will open out at 200 feet.

On the same line of reef, Hill's Tribute, on lease, north, have struck what appears to be the same lode, from which they are now raising gold-bearing stone. The Sir Walter Scott on the south, and the several companies on the north, deserve and will doubtless find continuations of the same valuable lode.

On the Nimrod Reef a 14 horse-power engine, with drainage machinery, is nearly completed. Its efficient working will enable all the mines of this rich line of reef to carry on operations below water-level upon golden quartz followed to that depth some years ago.

On the North Manchester Reef a fine plant for drainage purposes has been completed and started, which will again bring this line of reef into favorable notice.

A new reef has just been discovered, situate east of the Capper's Reef, reported to be exceedingly rich. It has been taken up for a considerable distance on either end.

FRYER'S CREEK DIVISION.

Mr. Mark Amos, Mining Surveyor and Registrar.

Population.

There is scarcely any alteration in the population returns during the past quarter; indeed many of the miners (in spite of depressing times) show an eagerness for permanent homes, as evinced by their taking up small blocks under the 49th section of the Land Act; the migratory propensity is not very strong in this district; many are unable to leave from want of means, while others are afraid to risk losing what they have already secured by searching for a new field of labor.

Alluvial Mining.

There is nothing particular to report on this head; some of the puddling claims which have been held for years are absolutely worked out, but sluicing is carried on as vigorously as ever, especially among the Chinese on the Loddon, and many claims worked by miners obtaining their water from the River Loddon Water Company. Some Chinese on the Bald Hill, near Vaughan, have been very successful of late.

The ordinary alluvial miner has nothing to boast of in the shape of gains.

Quartz Mining in General.

Considerable disappointment is being felt by the mining community in this district that so few claims are remunerative, considering the large area of ground held under the leasing regulations and the capital and labor which has been expended with the view of developing the reefs. By some it is considered the cost of management of some of our companies is too great, while others are of opinion labor is misdirected, and capital in many instances uselessly or injudiciously applied. There can be no doubt a great number of reefs exist in this neighborhood of a highly auriferous character, which only require proper management and skilful treatment to be productive.

It would appear the bearings and underlies of reefs (already discovered) are not properly understood by the mining managers, and that careful and preliminary surveys are not made underground, and on the surface, to determine the lines, or the connection from one claim to another, thus economising labor and preventing a waste of capital. Until a more scientific and practical knowledge is acquired in this direction, it is to be feared quartz mining will still remain in an unsatisfactory state in this district.

Prospecting.

Prospecting for quartz reefs is occasionally attended with success, and that without the expenditure of much capital or labor, or it may be without the exercise of any particular skill or the possession of any extraordinary knowledge of mining.

During the past two or three weeks a new reef has been discovered near the head of Spring Flat, running nearly parallel with the Irish Reef; this reef was discovered by Mr. Lewis, of Castlemaine, in a very simple manner, with the aid of a tin dish, pick, and shovel. In traversing the ranges he observed an outcrop of reef running along a ridge bearing a little west of north. This outcrop, presenting a very promising appearance, induced him to wash a few dishfuls of earth and quartz at a depth of surface to 2 feet, when both rich specimens and loose fine gold were found, sufficient to warrant the supposition a rich reef exists. The prospector was occupied a week in making the discovery; it is not unreasonable to suppose that many valuable reefs remain undiscovered through the tin dish being ignored. In this instance merely cracking the quartz and looking for specimens would have led to no satisfactory result.

New Machinery.

The directors of the Great Southern Reefs Company, Nuggety Gully, have nearly completed the erection of a horizontal 14 horse-power engine for pumping and winding purposes. A shaft has been sunk on the ground (supposed Cattle's line of reef) to the depth of 105 feet, but it was found impossible to continue sinking in consequence of the great influx of water, viz., 1600 gallons per hour. The company are very sanguine of striking the reef at no very distant period when the machinery is in proper working order. The directors are to be commended for the enterprising spirit they have evinced in testing the auriferous resources of a locality which had previously been untried so far as prospecting for quartz reefs is concerned.

The Ferron's Reef Company are also erecting a 25 horse-power horizontal engine, with 20 heads of revolving stamps, for crushing only; their present engine to be exclusively employed in pumping and winding when present one is completed; this is to be by the end of November.

With the excellent prospects of the company, and stone averaging at least 30 feet in width, it is contemplated that 2½ dwts. to the ton will pay good interest upon the outlay, and, with the present and long continued average of about 5 dwts. to the ton, the future prospects of the company may be regarded as exceedingly good.

The Fryer's Company regard their prospects now as being infinitely better than hitherto; not that they are obtaining large yields, but that at the 200-foot level the stone increases in richness and thickness, being about 4 feet. The company propose sinking to a depth of 230 feet to tap the lode.

The Black Hawk Company have obtained excellent yields during the quarter—310 tons averaging 1 oz. 15 dwts. to the ton. This must be regarded as one of the best paying claims in the neighborhood.

Wilson and McDonald's Lease in German Gully again gives an excellent yield—46 ozs. from 22 tons, and a thickness of stone of 18 inches. This company have worked at depths of 26, 56, and 90 feet upon floors of quartz, all averaging about 2 ozs. to the ton; these floors, lodes, or spurs have both eastern and western legs in an inverted V shape. The party are now sinking deeper, expressing a firm belief that other lodes exist at similar distances downwards to those already proven.

Rowe Brothers still maintain their average without any sign of retrogression, as will be seen by their returns. It is worthy of remark that, notwithstanding the vast quantity of stone crushed, a similar quantity is always available.

Sluice-heads.

	£	s.	d.
Nolan and Co., Vaughan and Glenluce, 2 heads, 24 hours per day—per week, per head	3	0	0
Moyle, Vaughan and Glenluce, 1 head, 10 hours ,, ,, ,,	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.

The tabulated statements show that 4554 ozs. of gold has been obtained during the quarter as ascertained, but 3118 ozs. additional is shown by the banks to have been purchased, obtained by sluicing parties of two and more men; the greater part has been got from quartz reefs.

Cerberus Quartz Mining Company, German Gully.—The reef is dipping southward, underlie west, is 25 feet thick; 3 feet in thickness is taken from each edge, the middle portion of the reef not being touched until machinery is erected; over 6 ozs. per ton was obtained. A second reef 3 feet thick, west of the above, is being worked, and appears to horse at the north of the claim, widening rapidly as it extends southwards; 10 tons is to grass, and 1 oz. per ton is expected.

The Cornish Quartz Company's mine, Wombat Hill, is 380 feet deep, and working the three levels in the main shaft; they are preparing to sink another 100 feet; the claim continues to be the best paying one, and there is the greatest prospect of its permanence.

The Argus Quartz mine is down 579 feet; they believe the Cornish lode is struck or a spur therefrom; gold is visible in the stone.

The New Fear-not Cornish Reef, down 502 feet, will open out in a few days; hopes are entertained of payable quartz being struck.

The No. 1 Fear-not Tribute Company have struck a payable shoot of stone in 150-foot level, 69 tons yielding 39 ozs.

Risk and Co., Glengower, struck a good reef 3 feet thick. A lease is being applied for; 35 tons trial crushing gave nearly 1¼ oz. per ton.

The New Italian Hill Quartz Company are raising stone from the 210-foot level, paying ½ oz. per ton.

The Burall's Company, Black Jack's, after fine prospects and trial crushings, are erecting an engine and battery, the shaft being deepened to 100 feet; a drive is opened out eastwards, the lode being cut at 7 feet from the shaft, and the quartz is from 3 to 7 feet in thickness; water about 200 gallons per hour.

The Gladstone Quartz Company's claim is let on tribute; the first trial crushing of 37 tons yielded 53 ozs. 10 dwts., but as this was done since the 30th September, it will be included in next report.

At Mauritius Reef the New North Hepburn Company are in the 100-foot level; 6 dwts. per ton is being obtained.

Strack and Co., Milkman's, are on a reef 6 feet thick, down 70 feet; 8 dwts. per ton was got from 163 tons crushed.

Amongst other claims those on Willard's, Nuggety, Mauritius, Keep-it-quiet, Wonderful, and Doctor's Reefs, are generally doing well, half an ounce being about the average.

Richardson's Reef Company obtained 6 dwts. per ton, and the reef is 1½ foot in thickness; is east of the Wonderful and west of Milkman's Reefs. Fine quartz reefs are known to exist hereabouts, but want exploration.

Water.—One hundred and four sluice-heads of water have been in full operation, at rates from 15s. to 40s. twelve-hour shifts.

In alluvial, the Prince tunnel is in 2700 feet, 310 feet from grass; the gutter is 60 feet wide, wash being 3 feet thick; 2730 tons yielded 304 ozs. 12 dwts.; twenty-seven men are employed. The Prince Extended are in 1900 feet, and expect to reach the gutter at 2500 feet.

A splendid nugget, 42 ozs. 8 dwts., 2·32⅝ fine, was got from shallow ground at Butterfly, or thereabout.

TARADALE AND KYNETON SUBDIVISION.

Mr. Thomas Orwin, Mining Registrar.

There has no change of importance taken place in this division during the quarter just ended except the suspension of the Anglo-Australian Company's claim, formerly called the Central; the gentlemen to whom was entrusted the management of the works have left the colony for London; thus over 100 hands are thrown out of employment.

The Lord Malmsbury and Ironstone Hill Companies (adjoining the above) are still prospecting, and doubtless will soon be on same deep lead as the Central had.

Another company calling themselves the Golden Gate are endeavouring to enter the deep alluvial ground further north.

Quartz Mining.

In quartz mining our prospects are improving.

The United Kingdom Company are paying a good dividend every fourteen days.

The Adventure with improved management may pay; the average yield for the quarter has been 17 dwts.

The Tommy Dodd of Malmsbury keeps up its yield; the company have a well-defined reef at the lower level at the northern boundary, and the lode is improving southward. The company have paid £1000 in dividends during the quarter.

The Malmsbury Reservoir Company report that they have struck stone that will yield 2 ozs. per ton.

TARRANGOWER DIVISION.

Mr. Robert Nankivell, Mining Surveyor and Registrar.

Quartz Mining.

Nuggety Reef.—This line is again in active operation. The Alliance and Speculation Companies have drained the mines and commenced breaking stone for crushing. The Speculation Tribute Company sent 10 tons to the mill a few days since, and obtained 12 ozs. of gold therefrom.

On the Linscott's line of reef the Maldon United Company are sinking the main shaft below the 450-foot level; in driving this level north and south to their boundaries the stone taken out has varied from ¾ oz. to 2 ozs. of gold per ton, the lode being on an average about 5 feet in thickness.

On the Eaglehawk line of reef the various companies are all busy at work. The Eaglehawk Union, with their new battery, have crushed 1600 tons during the quarter, but the yields do not come up to expectation, the average being 14½ dwts. per ton. The Central Quartz Mining Company, in the adjoining claim south, have struck gold in the 500-foot level north of their shaft; the first crushing of 29 tons yielded about 15 dwts. per ton; this is considered very fair, as a lot of poor stuff was mixed with it; this company have purchased an engine for the purpose of baling and winding, which has hitherto been done by a horse whim, which process is found to be very expensive and slow. The South Eaglehawk Company are getting down with their engine-shaft at the rate of about 4 feet per week. The various tribute companies along this line of reef southward are all getting gold, varying from ½ oz. to 2 ozs. per ton, taken from the surface to a depth of 200 feet. The Great Southern Company have recently let their mine on tribute; the tributers intend driving west to strike the run now being worked in the last-mentioned claims.

Beehive Reef.—The Beehive Company on this line are sinking their engine-shaft to a greater depth, in order to discover the lost reef cut off by the large dyke at the 300-foot level.

The Great Western Company have stopped work at the bottom of their mine, but in driving south at the 470-foot level they have struck gold; the lode is about 10 feet in thickness, and looks very promising; they are also driving a cross-cut east at this level to strike a reef known as Cranswick's Reef, about 200 feet distant. The Cymru Company are enlarging their engine-shaft to make it practicable for hauling and pumping; an engine has been purchased during the last week for this purpose, and will be erected at once. At Watson's Freehold, Sandy Creek, the prospects are improving; in the 150-foot level the reef is 7 feet in thickness, from which, in four days' crushing with two batteries of stampers, 18 ozs. of gold was obtained; if this continues, it will soon become a dividend-paying mine, as the ground is comparatively inexpensive to work. At Thornhill's Reef, Green Valley, the English Company have discarded the patent stamping machinery and returned to the old principle of revolving stampers, which are now being erected, and will be ready in a few weeks for operation.

Alluvial Mining.

On this branch of mining there is nothing new to report. The chief work is fossicking in the old diggings and washing the headings thrown away in the old drives and on the surface.

ST. ANDREW'S DIVISION.

Mr. Alfred Armstrong, Mining Surveyor and Registrar.

In alluvial mining I have very little to report. At Pakenham, near Berwick, two new gullies, called the "Welcome" and "Burke's" Gullies, have been discovered. The washdirt in the Welcome averages about 15 in. in thickness, and yields about 5 dwts. to the load at from 18 to 20 feet sinking. I have been unable to ascertain any particulars respecting Burke's Gully. At Warburton the extensive hydraulic appliances of the Warburton Sluicing Company will be shortly brought to bear, the company having nearly completed their race to a point that will give them a sufficient command of water to commence operations.

Quartz mining is in much the same position as given in my last report. The Union Company, Diamond Creek, have been only working one reef during the past quarter; they have now sunk 75 feet upon another line of reef, and have this depth of lode ready for stoping, in addition to a similar depth on the lode at present being worked. The Perseverance Company, One-tree Hill, have their tunnel driven in so as to fully command the Buck Reef, and have cut several rich leaders beyond this reef. The Defiance Company, Warrandyte, are still progressing, but have not yet struck the reef. The other companies are not doing much, as the accompanying returns will show.

BLUE MOUNTAIN NORTH SUBDIVISION.

Mr. Graham McPherson, Mining Registrar.

Quartz mining has been completely at a standstill during the last quarter; and no alluvial mining has been carried on, except by a few puddlers, sluicers, and tub-and-cradle diggers. Within the last fortnight, however, there have been a great many applications for quartz claims, and all the known auriferous lines have been taken up. The large yields from Barry's Reef have been the cause of the present applications, as the lines of the different reefs pass through the district, and few of them have as yet been tested in this subdivision.

ARARAT MINING DISTRICT.

ARARAT DIVISION.

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

There has been of late a tendency to resume the working of abandoned mines by public companies, prospectuses of which have been issued for the mining on auriferous lands in nearly every part of the division. Pending the formation of these companies, most of the ground held by or for them has been allowed to lie unworked. This is particularly the case with regard to quartz mines, the only quartz raised to the surface during the quarter being the small quantity of 4½ tons, which has not even yet been crushed.

In alluvial mining some stir has been caused by the discovery of a lead on the Dividing Range, three miles north of Ararat. At the first rush upwards of 200 miners settled on the ground, but there are now not more than 30 men at work. The gutter is from 6 feet to 15 feet wide; the depth of washdirt from 6 inches to 20 inches, yielding from 2 dwts. to 2 ozs. per load. The depth of sinking is from 38 to 42 feet.

The Freehold Company, at Cathcart, of whom the mining community expected some encouraging results, is about to be wound up; and I am told by some shareholders that the Leasehold Company in the same locality is likely to follow the same course shortly.

No quartz has been crushed, nor have tailings or pyrites been operated upon during the quarter.

PLEASANT CREEK DIVISION.

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

Quartz Mining.

The discoveries alluded to in my last report have, as I anticipated, given a great impetus to this branch of mining operations; and great activity is observable, not only at Stawell, but also in the more outlying localities. Of these, the Germania, Bonnie Dundee, and Darlington, are just now attracting considerable attention, and many applications for land under lease are being made.

The Clifton Rock Company have erected a steam-engine for winding and pumping. The Prince Alfred Company and the Great Northern Company have each commenced to erect similar machinery. The New St. George Company have almost completed the erection of their new crushing plant, which they expect will be in working order in about a month.

A new vertical reef has been struck in the North Cross Company's lease, at the 870-foot level, about 37 feet westerly of No. 2 shaft. It is about 3 feet thick, and gold is visible in the stone. There are three distinct reefs in this company's ground, and the dividends paid during the quarter amount to £23,000.

What is considered a new reef has been struck in No. 2 South Prince Patrick claim, at a depth of 60 feet, and a similar discovery has been made in No. 1 South Prince Patrick—the adjoining claim. A trial crushing of about 8 tons of quartz from the latter claim yielded a little over 5 dwts. to the ton.

A reef has also been discovered in the Birmingham Company's Lease, and is being worked on tribute with fair results.

Alluvial Mining.

The Band of Hope Company have struck what they consider to be the deep ground on the same lead as the Hand-in-Hand Company, and have erected a steam-machine for winding and pumping. Much work and prospecting is now being done on the Welshman's Flat, and good prospects are being obtained.

BARKLY DIVISION.

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

There is very little doing in this division in either alluvial or quartz mining, and I know of nothing of importance to note.

A company has been formed to work the Wimmera Reef at Landsborough, and a lease of the ground has been applied for.

RAGLAN DIVISION.

Mr. C. W. Minchin, Mining Registrar.

The greater number of the gold-yielding claims have been, if not for the entire quarter, at least for the major portion of it, suspended from active operations by reason of an unusually heavy flow of water in their workings. The Tribute Company and Waterloo have for about the last five weeks been hard at work pumping, &c., to rid their drives and shaft of it; and have only just got it under, and been able to get into their drives again.

Manners and party have had to move their whim, &c., and sink a new shaft, as their old shaft was giving way, and they found the lead dipping too deep for their levels.

Cummings and party (now fourteen in number, formerly seven), on account also of the excess of water, have been obliged to substitute steam-machinery for their whim, at which they have been engaged during the quarter, and have it just completed. They expect to start working again in a week.

The Duke of Wellington Company, which were at work on the old Main Lead, with 16 horse-power engine, have been obliged to abandon their claim there, on account of the rush of water mingled with sand, and have now nearly erected it again on the Garibaldi Lead, Beaufort, near to Cummings and party.

Next quarter I hope to be able to give a more favorable account of the general mining operations throughout the district.

GIPPSLAND MINING DISTRICT.

OMEO SUBDIVISION.

Mr. W. Phipps, Mining Registrar.

Mining matters throughout the district remain without any material change. The alluvial miners are all fully employed, and some of them have struck good patches both at Livingstone Creek and on the Wombat.

The removal of the Eureka Tunnelling Company's steam quartz mill is proceeding with all possible speed, and it will be ready for work before Christmas; before which quartz mining will be resumed on Swift's Creek, to give the mill a start with plenty of stone. The weather hitherto has been too severe for prospecting for new country, of which there is a large area unexplored in this division.

MITCHELL RIVER SUBDIVISION.

Mr. John Grimes Peers, Mining Surveyor and Registrar.

Nothing has transpired in this subdivision during the past quarter worthy of special comment.

The galena mines at Buchan are still being worked, and seem to be attracting the attention of Melbourne capitalists.

BOGGY CREEK SUBDIVISION.

Mr. George Allen, Mining Registrar.

Quartz Mining.

The stone raised from the Sons of Freedom Company's reef at 110-foot level yielded 18 dwts. per ton from 176 tons of quartz. A trial crushing of 5 tons of quartz from a reef about 2 feet thick, cut through at the depth of 48 feet in sinking the whim shaft, yielded 9 ozs. 17 dwts. A contract has been taken for sinking the whim shaft to a further depth of 50 feet.

Alluvial Mining.

A nugget weighing 29 ozs. was obtained from a gully running into Upper Boggy Creek.

No new ground has been opened during the quarter.

There is no water sold in this subdivision for mining purposes.

CROOKED RIVER DIVISION.

Mr. James Travis, Mining Registrar.

The average yield from the Mitchell Reef (Good Hope's Company's ground) is very much below what was anticipated. The first 100 tons crushed from this reef during the quarter gave a return of over 2 ozs. to the ton; the balance of the stone, however, was very poor indeed. In addition to the work connected with the Mitchell Reef, this company have been engaged putting in a level to cut the line of reef in the Old Collingwood Lease. Should they succeed in finding payable stone, it will afford employment for a number of miners that are now comparatively idle.

Great satisfaction was given by the return of over 1 oz. to the ton from a crushing of 43 tons taken out of the Old Jolly Sailors' Reef, now held and being worked as the Ballarat. This reef has been taken up and abandoned several times during the last eight years, and it now bids fair to turn out a good paying mine.

On the Wentworth the returns from the Garry Castle Reef have been very unsatisfactory. The yield from the Great Republic was a little better, though by no means realizing expectations.

On the Jungle Creek, Walsh and Co. have completed their mill to be worked in connection with the Time-will-Tell mine, and will start some time this week to crush stone from the Bismark Reef.

The Comet, Lower Dargo, is not turning out so well as was anticipated, the trial crushing only giving an average of 17 dwts. to the ton.

At the Upper Dargo the Mammoth is the only mine at work. It is rumored that good stone is being taken out at the present time, but I have no reliable information in connection with it.

With respect to alluvial mining I have nothing to report.

There is no water sold in this division for mining purposes.

JERICHO DIVISION.

Mr. R. J. Donaldson, Mining Registrar.

I have nothing worthy of notice to report of my division for the past quarter.

Quartz mining is nearly at a standstill at the present time; 130 ozs. of gold obtained from the Loch Fyne and Fern-tree line of reef representing the total yield from that source during the last three months.

The quantity of gold obtained from the alluvial workings is still sufficient to keep a large number of men profitably employed; while two or three parties are doing very well in bank claims situated from fifteen to twenty yards above the level of the beds of the creeks where such claims are worked.

DONNELLY'S CREEK DIVISION.

Mr. Arthur F. Walker, Mining Surveyor and Registrar.

There is nothing of importance to report during the past quarter.

The Gippsland Consols Company have struck auriferous quartz in the western reef, and the manager expects to have a trial crushing in a few weeks.

The Bismark Company have crushed 168 tons of stone, yielding at the rate of 12 dwts. per ton. They are now engaged driving a tunnel 560 feet below the crown of the hill.

The Golden Key Company are still driving their lower level in the old Crinoline's Company's ground.

The United Star Company have let their mine on tribute; a trial crushing has given a fair return.

There is nothing new to report in the alluvial workings.

At Freestone Creek the number of miners has greatly fallen off. A new company has, however, been formed to search for a deep lead, and it has been determined to sink a shaft by contract.

STRINGER'S CREEK DIVISION.

Mr. E. S. Gutteridge, Mining Registrar.

I have the honor to report that the yield obtained by quartz mining operations in this division during the past quarter shows an improvement on that of the previous three months, although matters have, until the last week, been unusually dull in that portion of the division lying outside of Walhalla.

From Mount Look Out the proprietor of the Lily of the Valley Lease reports having lately struck a heavy lode in the lower tunnel carrying a fair quantity of gold. It is also reported that auriferous quartz has been met with in the tunnel of the Thomson Company.

At Walhalla the Long Tunnel, Walhalla, and North Gippsland Companies have been engaged crushing as usual, and also sinking their main shafts for another level. Several claims on this line of reef (Cohen's) are being prospected, but as yet without having made any new discoveries. The Great Extended Walhalla Company are driving a tunnel (the projected length of which is 7764 feet) from the Thomson River to the western boundary of the Long Tunnel Company, at which point it is proposed to sink a shaft from the tunnel to cut Cohen's Reef on its underlay.

In alluvial mining matters have been dull, but as the season favorable for river working is now approaching a reaction may be expected.

RUSSELL'S CREEK DIVISION.

Mr. Charles Gadd, Mining Registrar.

The continued wet weather has been a great drawback to both quartz and alluvial mining during the quarter. The United Company are now crushing fair average stone. The Cross Reef Company, Pleasant Creek, expect to connect their tunnel with upper workings in about three weeks; several small patches of alluvial have been obtained from the old workings. No new finds have been reported.

BENDOC SUBDIVISION.

Mr. John Nichol, Mining Registrar.

Mining in this subdivision still remains quiet, but some of the mines and alluvial claims at work are giving good returns, and before another quarter has expired I expect there will be an improvement in the quartz mines from the fact that some now in abeyance will be in operation.

The alluvial claims at Cobyingbar Creek still remain patchy, and mostly coarse gold obtained; it is expected the lower portions of these streams will be thoroughly prospected this summer, when they anticipate finding gold finer and more regularly deposited.

The undermentioned is an abstract of quartz mines in operation:—

The Rising Sun.—This mine is let on tribute (as reported in my previous quarter's return). The tributers have about 30 tons of quartz grassed, obtained from their 170-foot level, running that level south, which is looking well and gold apparent. The manager informs me they intend to commence crushing next week, and, if possible, to keep the battery supplied.

The Albert.—This mine has changed hands, and the present company are making arrangements for a plant to be put on the mine. They have also commenced a tunnel, which will test their reef at about the depth of 120 feet; at present the depth of their shaft is only from 40 to 45 feet, from which they have obtained some remarkably rich stone. The average of the stone crushed by their dolly (which is a very rude appliance) has yielded a little over 8 ozs. per ton. Some stone sent by one of this company to Sydney assayed over 120 ozs. to the ton. They have for the present quarter only crushed 10 tons of stone, which produced 85 ozs. of gold.

The Monarch.—This claim has lately been taken up, and is in operation, but at present have had no crushing.

The Alluvial Claims.—The miners at work are making satisfactory wages.

TARWIN SUBDIVISION.

Mr. G. C. Coulson, Mining Registrar.

Mining operations in this division during the past quarter have not been characterized by any improvement in the yield of gold, and the majority of the alluvial claims at Stockyard are returning but small wages to their respective holders. The Prospector's and Big Log Companies are paying fairly, with improving prospects—total yield for the quarter 1650 ozs.

Turton's Creek this quarter also shows a falling off, though the claims there are now being systematically worked. The best yields have lately been obtained from puddled washdirt that was formerly cast aside as useless. The yield for the quarter is 950 ozs.

In quartz mining the Ophir and Golden Bar Companies have lately been raising some good stone, but the size of the reef or leader is scarcely such as to warrant the assumption that they will, under present circumstances, be of a remunerative character. The Bennison Flat Company have their machinery on the way, and favorable results are anticipated when the company will be in a position to keep the mine clear of water.

The Pearl Race Company are bringing their race from the Bennison and Deep Creeks to New Zealand Hill, a distance of 7½ miles, and from the known auriferous nature of the hill and the quantity of water the company will have at their command, it is expected that their sluicing operations will amply reward them for their labor.

There are no new discoveries to report, but it is rumored that a prospecting party at Billy Creek, about 18 miles north-east from here, have bottomed at 68 feet on good gold.

TRARALGON SUBDIVISION.

Mr. Charles Denis, Mining Registrar.

I have the honor to inform you that since my last report there is nothing unusual, the number of miners being about the same, and from what I can learn are making fair wages. As the country gets opened, places which are now impenetrable will be laid open, and prospecting will be carried on with more vigor. Coal has been lately found on the Hazlewood run (distant from Traralgon about 12 miles), cropping out on the surface; the seam where it shows on the surface is about 18 inches thick, and has increased to about 27 inches on sinking a few feet.

APPENDIX.

NEW VEGETABLE FOSSILS OF VICTORIA,

DESCRIBED BY

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

[CONTINUED.]

Odontocaryon.

Fruit indehiscent, thick-woody, unilocular, one-seeded, ovate-globular in outline, somewhat oblique, slightly compressed, terminated into four large somewhat unequal teeth; the latter from a broad base gradually acutely conical, but not very angular, surrounding the deep depression of the vertex of the fruit; two teeth on one side of the fruit strictly erect; the two others slightly longer and distinctly bent inward. Seed pendent, ovate, turgid, upwards somewhat more attenuated and compressed.

The name is derived from *ὀδους*: tooth and *καρυον*: nut.

Odontocaryon Macgregorii.

In the auriferous drifts near Nintingbool, at a depth of about 150 feet. J. Lynch, Esq.

The only specimen as yet found is nearly $1\frac{1}{2}$ inches long and slightly exceeds 1 inch in diameter; the larger terminal teeth are about $\frac{1}{3}$ inch long; the vertex is perforated, probably through disintegration. The seed fills the cavity, measures nearly $\frac{2}{3}$ of an inch in length; its structure can no longer be ascertained.

This remarkable fossil, derived probably from a large evergreen tree, is dedicated to the Honorable John Macgregor, M.L.A., one of the first Ministerial administrators of the Department for Mines, and one of the most enlightened among the patrons of science in this part of the globe.

The writer has not ventured to refer this fossil to any natural order, being unaware of any existing or extinct genus to which it bears really close resemblance; but he would also frankly admit, that the young institutions of this colony are as yet affording, both in collections and in libraries, only very inadequate aid and material for independent local contributions towards the knowledge of the organic world; and although the writer's whole private means for a long series of years have been sunk in his researches, they have been too slender to provide for all the auxiliary requirements of his studies here, more particularly concerning palæontologic work.

Conchotheca.

Fruit bony, roundish, considerably compressed, smooth, slightly oblique, bi-valved, one-seeded, short-apiculate at the summit. Cavity on each side very shallow, cordate-orbicular. Seed flat, roundish.

Derivation of the generic appellation from *κογχος*: shell and *θηκη*: capsule.

Conchotheca rotundata.

In the drifts of the older pliocene formation at Nintingbool. J. Lynch, Esq.

The specimen now illustrated measured hardly $\frac{2}{3}$ of an inch. The pericarp is about 1 line thick, except towards the lower extremity, where it is more enlarged.

The general appearance of this fruit reminds of that of several Grevilleæ, for instance, G. refracta, G. polystachya and G. mimosoides; but in all these the fruit is larger, shows a wider cavity, and is provided with a conspicuous stipes. By this comparison Conchotheca is not even yet admitted to a settled place among Proteaceæ. The Grevilleæ above referred to are all tropical, and we have in this colony no species living now, which bears resemblance to the fossil compared.

On former occasions already, when assigning systematic positions to Victorian fossils, I adhered to the principle of drawing rather new generic limits for fossil plants known only from extremely fragmentary remnants, than of risking the danger of arraying a byegone species within the same generic precincts with living ones, whenever the generic characters could not be clearly identified. For I do not consider it a real gain of knowledge, when well understood genera of living plants are overburdened with fossil species on the evidence of perhaps only one single organ of a perished plant, moreover when that one organ may not be exclusively characteristic of the genus thus adopted, or not even of the order to which such a genus belongs.

Acting on this principle, I have preferred to constitute separate generic limits for the fossil under review on this occasion, instead of placing it directly into the genus Grevillea, as understood in the living vegetation. Nevertheless I have felt justified to compare it with species of that genus, leaving the final determination until leaves, flowers, and seeds shall have become known.

In the collections from Nintingbool fragments occur of an apparently specifically identical fruit, but they exhibit a smaller variety, barely ½ an inch long; the shallow cavity becomes in this almost orbicular. The flat seed measures hardly above 2 lines, is thin and also orbicular. As certainly congeneric, but probably not conspecific, should not be passed on this occasion the single valve of a much larger specimen from the same sediment; it measures 1⅓ inch in length, verges slightly towards an oval form, while its walls are fully ¼ of an inch thick.

Rhytidotheca pleioclinis.

Capsule small, woody, generally eight-valved, oval, blunt at the base, impressed at the summit; the edges of the valves meeting to form as many prominent longitudinal ridges as there are valves; the back of the latter slightly hollowed or channelled, not quite even, though also not distinctly tubercular or warty; the sides of the valves longitudinally excavated towards the axis for the reception of the seeds; the latter solitary, erect, arising from the base of the cavity, turgid, elongated, wingless, slightly curved.

In the drifts of the lower pliocene formation at Nintingbool. J. Lynch, Esq.

Fruit varying in length from 4 to 7 lines, comprising a larger and smaller form. Seeds smooth, not developed between every pair of valves; those of the larger form nearly ½ inch long and fully a line wide, not conspicuously dilated upwards; those of the smaller form hardly ¼ inch long and of about ½ line thickness. In some cases, when the seed is but slightly developed, the shining walls of the cell are obliquely transverse-striated, assuming an appearance as if numerous ovules were arranged along the axis.

This fossil has been placed into the genus Rhytidotheca, as established in the third quarterly report of the Mining Department for 1871, issued by R. Brough Smyth, Esq. On comparison of Captain Shepherd's excellent drawings, it will be observed, that the present species has much smaller fruits than Rhytidotheca Lynchii, that the apex of the capsule is not attenuated, and that the numbers of the valves are more than five. As both fossils came from the same geologic formation and locality, and as they show considerable structural similarity, it was deemed advisable to keep them generically together, until we learn more of the two plants, yielding us as yet only the recorded remnants. Should the new fossil finally require generic separation, then its specific name might become that of the genus.

It remains worthy of note, that a two-valved capsule, evidently of ordinal and perhaps even of generic affinity to Rhytidotheca or Pleioclinis, occurs in Mr. Lynch's collection, but only in a single specimen. It is oval, moderately compressed, particularly upwards, nearly 1 inch long; the outside is wrinkled-tubercular, and may have been verrucose before it was subject to detritus. The seeds are wingless, conspicuously turgid, especially downward, solitary in each cell, narrow-ellipsoid, somewhat obverse-cuneate, attached at their middle to the axis, and about ½ an inch long.

All these fossils also on this occasion have been placed obligingly at the disposal of the writer by R. Brough Smyth, Esq., F.G.S.

EXPLANATION OF THE LITHOGRAM.

Rhytidotheca pleioclinis.

Fig. 1.—Vertical view of the capsule.
2.—Side view of the capsule.
3 and 4.—Valves of the larger form.

Odontocaryon Macgregorii.

Fig. 5.—Side view of the fruit.
6.—Vertical view of the fruit.
7.—The fruit opened lengthwise to show the side and position of the seed.
8.—Seed, detached.

Conchotheca rotundata.

Fig. 9.—Side view of the fruit.
10.—Fruit, presenting its edge.
11.—Fruit opened lengthwise.

All figures of natural size.

By Authority: John Ferres, Government Printer, Melbourne.

RHYTIDOTHECA PLEIOCLINIS

Figs 1–4

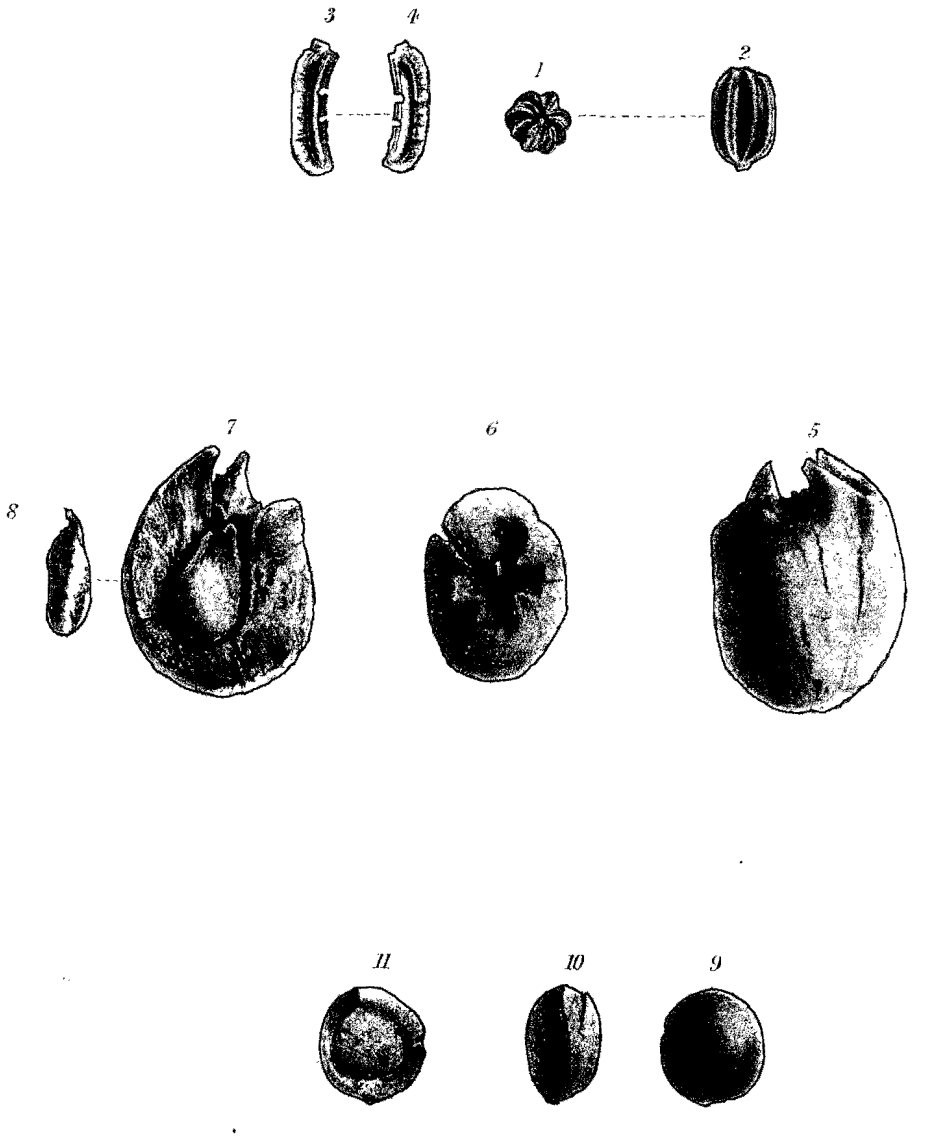
ODONTOCARYON MACGREGORII

Figs 5–8

CONCHOTHECA ROTUNDATA

Figs 9–11

F von MUELLER.



R.Shepherd Del et Lith