1874.

VICTORIA.

REPORTS

OF THE

MINING SURVEYORS AND REGISTRARS.

QUARTER ENDED 30TH SEPTEMBER 1874.

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

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BALLARAT MINING DISTRICT.

Ballarat Central Division	Mr. D. Christy, Mining Registrar	7, 16, 17, 21, 25
Ballarat Southern Division	Mr. George Perry, Mining Registrar	7, 17, 20, 21, 25
Buninyong Division	Mr. Robert M. Harvey, Mining Surveyor and Registrar	7, 21, 26
Smythesdale Division	Mr. John Lynch, Mining Surveyor and Registrar	21, 26
Creswick Division	Mr. James Stevenson, Mining Surveyor and Registrar	7, 14, 16, 17, 21, 26
Gordon Subdivision	Mr. Thomas Cowan, Mining Surveyor and Registrar	7, 21, 27
Steiglitz Subdivision	Mr. O. W. Collins, Mining Registrar	7, 16, 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, 27

BEECHWORTH MINING DISTRICT.

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

SANDHURST MINING DISTRICT.

Sandhurst Division	Mr. N. G. Stephens, Mining Registrar	10, 14, 16, 18, 22, 31
Kilmore Division	Mr. James W. Osborn, Mining Registrar	10, 22, 31
Heathcote Division and Waranga South Subdivision	Mr. J. T. Strong, Mining Surveyor and Registrar	10, 14, 22, 32
Waranga North Subdivision	Mr. C. J. W. Russell, Mining Registrar	10, 14, 22, 32

MARYBOROUGH MINING DISTRICT.

Maryborough Division	Mr. P. Virtue, Jun., Mining Registrar	11, 15, 16, 18, 22, 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, 23, 33
Dunolly and Tarnagulla Divisions	Mr. W. G. Couchman, Mining Surveyor and Registrar	11, 15, 18, 23, 33
Korong Division	Mr. G. W. Moore, Mining Registrar	11, 23, 34
Redbank and St. Arnaud South Subdivisions	Mr. P. Simpson, Mining Surveyor and Registrar	11, 15, 23, 34
St. Arnaud North Subdivision	Mr. P. Simpson, Mining Surveyor and Registrar	12, 15, 16, 23, 34

CASTLEMAINE MINING DISTRICT.

Castlemaine Division	Mr. Thos. L. Brown, Mining Surveyor and Registrar	12, 15, 16, 23, 35
Fryer's Creek Division	Mr. Mark Amos, Mining Surveyor and Registrar	12, 15, 19, 23, 35
Hepburn Division	Mr. Thos. Hale, Mining Registrar	12, 15, 16, 19, 20, 23, 35
Taradale and Kyneton Subdivision	Mr. Thomas Orwin, Mining Registrar	12, 23, 36
Tarrangower Division	Mr. Robt. Nankivell, Mining Surveyor and Registrar	13, 15, 19, 23, 36
St. Andrew's Division	Mr. Alfred Armstrong, Mining Surveyor and Registrar	13, 15, 19, 24, 36
Blue Mountain North Subdivision	Mr. Graham McPherson, Mining Registrar	24, 37

ARARAT MINING DISTRICT.

Ararat Division	Mr. Ferdinand M. Krausè, Mining Surveyor and Registrar	13, 20, 24, 37
Pleasant Creek Division	Mr. H. C. Bate, Mining Surveyor and Registrar	13, 15, 20, 24, 37
Barkly Division	Mr. H. C. Bate, Mining Surveyor and Registrar	24, 37
Raglan Division	Mr. C. W. Minchin, Mining Registrar	20, 24, 38

GIPPSLAND MINING DISTRICT.

Omeo Subdivision	Mr. W. Phipps, Mining Registrar	13, 24, 38
Mitchell River Subdivision	Mr. John Grimes Peers, Mining Surveyor and Registrar	24, 38
Boggy Creek Subdivision	Mr. George Allen, Mining Registrar	13, 24, 38
Crooked River Division	Mr. James Travis, Mining Registrar	13, 24, 38
Jericho Division	Mr. R. J. Donaldson, Mining Registrar	24, 39
Donnelly's Creek Division	Mr. Hugh St. H. Blair, Mining Surveyor and Registrar	13, 24, 39
Stringer's Creek Division	Mr. E. S. Gutteridge, Mining Registrar	14, 16, 24, 39
Russell's Creek Division	Mr. C. Gadd, Mining Registrar	24, 39
Bendoc Subdivision	Mr. John Nichol, Mining Registrar	14, 24, 39
Tarwin Subdivision	Mr. John H. Sandilands, Mining Registrar	14, 24, 40
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GOLD MINING STATISTICS FOR THE QUAR ER ENDED 30th SEPTEMBER 1874.

TABLE SHOWING APPROXIMATELY THE NUMBER OF MINERS EMPLOYED, THE M CHINERY IN USE AND ITS VALUE, ON THE SEVERAL GOLDFIELDS IN THE COLONY OF V TORIA.

(Compiled from the Mining Surveyors and Registrars' Reports f the Quarter ended 30th September 1874.)

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 all 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, Puddling, or other Machines moved by Water-power.	Whims.	Whips or Pulleys.	Boring Machines used in Blasting.					
																												£			£ s. d.	£ s. d.
BALLARAT.																																
Central Division	1,592	260	1,064	..	2,916	72	3,164	83	3	19	20	1	33	..	26	..	1	..	1	48	1,002	..	428	4	..	11	..	..	143,970	39	24	4 1 3	4 2 9
Southern Division	497	500	52	..	1,049	3	125	4	..	30	3	11	47	1	7	..	2	6	1	4	70	..	30	..	..	2	7	..	20,000	8½	16	4 0 9	4 1 9
Buninyong Division	765	120	100	..	985	23	700	16	1	24	7	2	29	..	20	..	..	..	..	9	260	..	91	1	..	1	1	..	42,000	16	13	4 1 6	4 2 0
Smythesdale Division	1,000	617	20	..	1,637	60	1,330	63	2	18	9	..	59	..	..	3	2	10	1	1	30	..	..	..	..	..	..	..	26,300	16½	11	4 0 0	4 1 6
Creswick Division	1,030	450	440	..	1,970	29	597	22	1	85	16	5	800	..	..	..	2	60	2	25	914	1	167	18	..	1	..	1	102,000	13	15	4 0 0	4 2 9
Gordon Subdivision	3	4	195	..	202	1	10	..	..	2	..	..	..	..	..	..	..	..	..	10	177	..	63	..	..	4	1	..	9,723	3½	19	4 0 3	4 1 0
Steiglitz Subdivision	140	85	345	..	570	..	..	..	..	..	..	..	100	..	..	..	..	..	..	12	308	..	58	..	..	12	7	1	21,025	50	74	4 0 3	4 1 0
Blackwood Division and Blue Mountain South Subdivision	160	267	640	3	1,070	..	..	..	..	..	..	..	450	..	15	2	..	..	..	24	535	12	299	..	..	20	..	..	63,000	44	30	3 17 6	3 19 0
Ballan Subdivision	..	..	20	..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	10	..	8	..	..	2	..	..	1,000	1	3	3 17 0	3 17 6
Totals	5,237	2,303	2,876	3	10,419	188	5,926	188	7	178	55	19	1,523	1	68	5	7	76	5	134	3,296	13	1,144	23	..	53	16	2	429,018	152	205		
BEECHWORTH.																																
Beechworth Division	1,061	899	98	..	2,058	25	270	..	..	4	8	3	5,200	3	52	20	..	..	2	6	89	4	59	..	..	5	..	..	49,960	47	98	3 18 6	4 2 0
Yackandandah Division	283	364	92	..	739	1	6	..	..	..	..	..	3,000	3	22	20	..	..	..	6	85	2	54	1	..	2	..	..	10,180	12	80	3 12 0	4 0 0
Indigo Division	132	359	61	..	552	11	338	11	..	39	10	38	190	..	15	..	..	..	1	4	46	..	52	..	..	1	6	..	22,898	7½	25	4 0 0	4 0 6
Buckland Division	104	1,215	426	..	1,745	2	22	..	..	..	..	..	2,000	2	48	50	..	..	1	19	243	16	242	..	..	..	..	..	37,900	60	479	3 17 6	3 18 9
Alexandra Subdivision	170	25	127	..	322	5	90	4	..	9	5	..	32	..	2	4	..	..	..	10	141	1	98	..	..	6	4	..	19,716	35	70	3 14 0	4 2 0
Dry Creek Subdivision	60	100	5	..	165	..	..	..	..	..	..	..	400	..	..	4	..	..	..	..	..	..	..	..	..	..	..	..	400	5½	..	3 16 0	4 1 0
Benalla Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10	3	..	..
Gaffney's Creek Subdivision	56	2	90	20	168	..	..	..	..	..	..	2	180	..	12	12	..	..	..	6	78	12	176	1	1	..	..	..	30,048	24	18	3 15 0	3 17 6
Wood's Point Subdivision	144	12	110	..	266	..	..	..	..	..	..	2	260	..	16	16	..	..	..	9	135	9	250	2	..	3	1	..	62,073	18	95	3 0 0	3 16 6
Big River Subdivision	78	6	40	..	124	..	..	..	..	..	..	..	180	..	8	8	..	..	..	5	52	..	42	..	..	..	..	..	10,683	33	14	3 10 0	3 16 6
Mitta-mitta Division	90	62	..	..	152	..	..	..	..	..	..	..	32	8	20	12	..	..	..	..	..	..	..	..	..	..	..	..	1,640	20	..	3 10 0	3 11 6
Jamieson Subdivision	100	50	220	..	370	..	..	..	..	..	..	..	450	..	..	..	..	..	..	4	47	2	64	..	..	..	..	..	15,000	9	26	3 14 0	3 18 3
Totals	2,278	3,094	1,269	20	6,661	44	726	15	..	52	23	45	11,924	16	195	146	..	..	4	69	916	46	1,017	4	1	17	11	..	260,498	280¾	908		
SANDHURST.																																
Sandhurst Division	1,640	630	3,910	40	6,220	19	300	..	..	100	6	27	..	..	9	..	6	161	1	205	3,690	..	1,170	3	..	210	238	1	464,700	22	318	3 18 6	3 18 6
Kilmore Division	40	20	18	..	78	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	25	2	16	..	..	..	..	..	1,800	27	127	3 15 0	3 17 6
Heathcote Division and Waranga South Subdivision	229	40	363	..	632	..	..	..	..	40	4	8	30	..	50	..	..	..	..	17	248	..	129	..	..	7	18	..	20,360	81	202	3 17 0	4 0 0
Waranga North Subdivision	45	57	172	4	278	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	193	..	73	..	..	6	6	..	19,600	11	110	2 18 9	4 2 2
Totals	1,954	747	4,463	44	7,208	19	300	..	..	140	10	35	30	..	59	..	6	161	1	231	4,156	2	1,388	3	..	223	262	1	506,460	141	757		
MARYBOROUGH.																																
Maryborough Division	1,960	400	840	..	3,200	42	1,468	39	..	178	34	10	6	..	4	2	36	148	4	27	614	..	209	2	..	30	27	..	150,202	5	161	4 0 3	4 2 0
Majorca Subdivision	84	20	7	..	111	8	191	6	..	3	5	..	10	..	7	..	3	..	..	..	..	..	..	..	..	1	..	..	9,255	2½	9	4 0 0	4 0 0
Amherst Division	408	103	70	..	581	9	150	12	..	30	10	22	60	..	70	1	25	..	1	4	74	..	28	..	..	4	12	..	15,955	5	30	3 16 0	4 2 6
Avoca Subdivision	511	1,189	67	..	1,767	8	253	8	..	71	9	23	45	..	10	..	2	..	..	6	94	..	67	1	..	3	7	..	19,420	18½	185	3 17 0	4 2 0
Dunolly and Tarnagulla Divisions	330	320	383	12	1,045	2	32	..	..	61	16	8	..	..	..	..	15	..	..	36	684	..	265	..	..	30	24	..	60,024	16	71	3 15 0	4 1 0
Korong Division	750	310	300	..	1,360	2	20	..	..	22	2	11	..	..	..	..	..	6	..	16	264	..	196	..	..	50	31	..	19,500	17	28	3 19 6	4 0 6
Redbank and St. Arnaud South Subdivisions	193	83	46	..	322	..	..	..	..	14	2	1	7	..	..	..	..	..	..	6	88	..	36	..	..	4	4	..	7,321	11½	28		
St. Arnaud North Subdivision	57	89	194	..	340	..	..	..	..	11	..	..	7	..	..	..	2	..	..	14	262	..	80	..	..	13	19	..	28,782	7	66	3 0 0	4 0 0
Totals	4,293	2,514	1,907	12	8,726	71	2,114	65	..	390	78	75	135	..	91	3	83	154	5	109	2,080	..	881	3	..	135	124	..	310,459	82¾	570		
CASTLEMAINE.																																
Castlemaine Division	526	350	671	2	1,549	2	38	5	..	115	2	..	87	4	12	..	..	..	..	43	830	..	329	3	..	29	43	..	76,895	9½	103	3 17 6	3 19 0
Fryer's Creek Division	969	775	291	..	2,035	5	88	1	..	56	6	15	306	..	38	2	2	36	..	19	461	..	147	2	1	9	15	..	69,524	28¾	37	3 18 0	3 18 6
Hepburn Division	583	445	726	8	1,764	1	26	1	..	32	2	50	139	..	54	3	..	10	1	31	519	..	199	1	3	59	55	..	36,514	82	88	3 17 6	3 19 6
Taradale and Kyneton Subdivision	142	147	186	..	475	5	139	..	..	9	14	..	5	..	4	..	..	..	..	20	341	..	146	..	..	6	..	..	38,020	22	19	3 18 0	3 19 10
Tarrangower Division	94	355	465	..	914	..	..	..	..	22	..	..	..	..	..	..	35	..	..	37	846	..	317	..	..	43	9	..	63,752	4½	74	3 16 6	4 0 0
St. Andrew's Division	148	95	122	..	365	..	..	..	..	6	..	..	..	1	..	2	..	..	..	7	98	1	62	..	..	2	..	..	4,325	15	72	3 17 6	4 1 6
Blue Mountain North Subdivision	20	4	16	..	40	..	..	..	..	2	..	..	..	..	..	..	..	..	..	2	22	1	8	..	..	..	..	..	1,900	4	4	3 17 0	3 17 6
Totals	2,482	2,171	2,479	10	7,142	13	291	7	..	242	24	65	537	5	108	7	37	46	1	162	3,117	2	1,208	6	4	148	122	..	290,930	165½	397		
ARARAT.																																
Ararat Division	179	450	36	..	665	4	35	..	1	11	3	4	30	..	12	..	4	30	..	4	92	..	30	..	..	2	3	..	14,260	34	26	3 16 3	3 18 0
Pleasant Creek Division	430	160	1,223	25	1,838	6	100	1	..	1	2	..	25	..	..	..	25	70	1	32	946	..	306	..	..	48	10	..	134,916	27	37	3 14 0	4 1 6
Barkly Division	350	260	6	..	616	1	10	..	..	7	3	..	..	..	..	..	..	10	..	2	10	..	10	..	..	..	..	..	2,510	16	9	4 0 0	4 0 6
Raglan Division	233	110	25	..	368	7	123	6	..	10	9	2	10	..	1	..	..	..	..	1	10	..	8	..	..	1	2	..	10,700	6¼	5	4 0 0	4 0 0
Totals	1,192	980	1,290	25	3,487	18	268	7	1	29	17	6	65	..	13	..	29	110	1	39	1,058	..	354	..	..	51	15	..	162,386	83¼	77		
GIPPSLAND.																																
Omeo Subdivision	70	420	20	..	510	..	..	..	..	..	..	..	875	2	21	21	..	..	..	1	17	2	23	..	..	..	1	..	6,315	10	20	3 11 0	3 17 6
Mitchell River and Boggy Creek Subdivisions	164	140	31	..	335	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	22	..	17	..	..	1	..	..	1,700	23	18	3 5 0	3 19 3
Crooked River Division	197	82	47	..	326	..	..	..	..	..	..	..	200	..	20	13	..	..	..	9	137	7	126	..	..	..	..	1	32,222	49½	350	3 10 0	3 19 3
Jericho Division	98	85	40	..	223	5	70	..	..	..	..	..	150	..	20	20	..	58	..	5	70	..	58	..	20	..	..	..	18,672	26	30	3 10 0	3 17 0
Donnelly's Creek Division	109	..	61	..	170	..	..	..	..	..	1	..	25	..	..	..	..	..	..	5	58	..	51	..	..	..	..	..	10,000	6¼	17	3 10 0	3 16 6
Stringer's Creek Division	107	..	500	..	607	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	194	1	173	1	6	..	..	..	63,439	8	15	3 10 0	4 0 0
Russell's Creek Division	120	..	5	..	125	..	..	..	..	2	2	..	90	..	7	5	..	..	..	1	8	2	12	..	..	1	..	..	1,750	4	14	3 0 0	3 17 6
Bendoc Subdivision	20	34	24	..	78	..	..	..	..	..	..	..	30	..	..	5	..	..	..	3	38	2	20	..	..	..	..	..	4,365	26	15	3 10 0	3 16 6
Tarwin Subdivision	170	..	30	..	200	3	30	1	..	13	11	1	34	..	..	..	..	..	1	1	10	1	9	..	..	1	..	..	3,530	3	4	3 16 0	3 18 0
Traralgon Subdivision	22	..	..	..	22	..	..	..	..	..	..	..	6	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	44	2	1	3 16 6	3 18 0
Totals	1,077	761	758	..	2,596	8	100	1	..	15	14	1	1,410	2	68	64	..	58	2	39	554	15	489	1	26	3	1	1	142,037	158	484		
GRAND TOTALS	18,513	12,570	15,042	114	46,239	361	9,725	283	8	1,046	221	246	15,624	24	602	225	162	605	19	78	15,177	78	6,491	40	31	630	551	4	2,101,788	1,063	3,398		

R. BROUGH SMYTH,
Secretary for Mines.

Office of Mines, Melbourne, 15th October 1874.

No. 84.

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 1874.)

DISTRICT, DIVISION, AND SUBDIVISION.	NAME OF COMPANY.	NAME OF REEF.	Depth at which the Quartz was got.	Quantity Crushed.	Average Yield of Gold per Ton.	Width of the Reef.	Dip of the Reef.	Dip of the Shoot of Quartz.	Strike of the Reef.	NAME OF COMPANY.	NAME OF REEF.	Depth of Shaft.	Depth of the deepest Level.	Depth of the deepest Cross-cut.	REMARKS.
BALLARAT.			Feet.	Tons.	oz. dwt. gr.	Ft. in.						Feet.	Feet.	Feet.	
Central Division	Parade Extended	Wellingtonia	110 to 260	200	1 2 14	0 15	W. 15°	N. & S. 15°	N. & S.	Grand Duke	Duchess	260	260	260	
Southern Division	Temperance	Little Bendigo	400 to 700	2,700	0 6 19	..	..	..	..	..	..	..	..	..	
Buninyong Division	Speedwell	Staffordshire	130	933	0 6 17	7 6	W. 70°	..	N. 2° W.*	Hopewell	Staffordshire	370	250	250	* A well-defined lode.
Smythesdale Division	Imperial	Hiscock's	200 and 320	2,163	0 2 14	5 0	W. 56°	N. 6°	N. 5° W.	Imperial	Hiscock's	326	320	320	
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Creswick Division	Port Phillip	Clunes	150 to 690	15,248	0 3 16 *	2 to 30 0	(2) E. 30°	..	N. 8° E.	Port Phillip	Clunes	920, 1,005, 1,012	790 1,005	890 1,005	* Inclusive of pyrites.
	New North Clunes	Clunes	240 to 1,005	7,714	0 11 21 *	4 to 15 0	W. 75°	..	N. 5° E.	New North Clunes	Clunes	..	..	..	Pumping shaft.
										Clunes Consols	Clunes	990	962	962	
Gordon Subdivision	Parker's Extended	..	180 to 260	375	0 6 20	..	..	..	..	Black-horse	Big Hill	830	826	826	Lode 60 feet in width, cut in the level.
Steiglitz Subdivision	Albion	Portuguese	250	8	5 2 12	1 6	E. 15°	..	N. 6° 30′	Albion	Portuguese	875	865	865	Good stone has been obtained from the new shaft at a depth of 250 ft.
Blackwood Division and Blue Mountain South Subdivision	Sultan	Sultan, &c.	100 to 500	3,287	0 13 14	8 in. to 4 6	..	..	N. 11° W.	Sultan	Sultan, &c.	513	500	500	The profits over working expenses during the last month have been £1,200.
Ballan Subdivision	Ashton's	Ashton's	100	40	1 0 3	1 0	W. 20°	..	N.	..	..	..	..	..	
BEECHWORTH.															
Beechworth Division	Homeward-bound	Homeward-bound, Rocky Point	440	155	1 15 3	2 6	W.	..	N.	Excelsior	Excelsior, Woragee	310	..	310	
Yackandandah Division	Bigelow and Clingan	Homeward-bound, Hillsborough	340 to 350	720	0 8 6	4 0	W. 88°	N. 80°	N. 10° W.	Bigelow and Clingan	Homeward-bound, Hillsborough	370	360	..	The shaft follows the dip of the reef.
Indigo Division	Moore	Robert Burns'	60 to 100	96	3 9 18	2 to 3 0	W. 90° to 120°	N. 40°	N. 15° W.*	Magenta Reef	Magenta	320	230	230	* This reef, remarkable for affording the best crushing obtained in the division for several years, has every appearance of continuing to yield largely.
Buckland Division	Homeward-bound	Homeward-bound	300	100	0 8 12	3 0	S.W.	..	S.	..	..	..	..	..	This lode is contained between well-defined sandstone walls, but is of a mullocky nature.
Alexandra Subdivision	Premier Tribute	Mysterious	200	456	0 6 0	2 0	S.W. 75°	N.W. 60°	N. 45° W.	..	..	..	..	..	The only shaft in course of sinking (Hunt's Q. M. Co.) has been stopped six months.
Dry Creek Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	So long as anything remains to be worked above water-level, the system of tunnels will of course continue to be in use in these mountains.
Benalla Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Gaffney's Creek Subdivision	Royal	Wallaby	130	250	0 4 14	6in. to 2 0	S.W. 45°	N.W. 80°	N. 35° W.*	..	..	..	..	..	* The strike given is that of the granite dyke, and slate adjoining the shoot of quartz strikes S.W. and N.E. † Below water-level.
	Dempsey's Tribute	Dempsey's	120	250	0 8 20	1 to 2 0	S.W. 89°	S.W. 89°	N. 35° W.†	..	..	..	..	..	
Wood's Point Subdivision	Golden Star	Oriental	160	350	0 3 12	2 0	N.E. 75°	N.W. 35°	N. 35° W.	The Hope	Morning Star	554	412	412	This shaft is now 142 feet below the main level of the mine.
Big River Subdivision	Alliance Miners	Alliance	230	130	0 13 12	6in. to 1 6	S.W. 80°	N.W. 52°	N. 52° W.	..	..	..	..	..	
	Londonderry cum Retriever Tributers	Railway	270	400	0 5 20	18in. to 2 0	S.E. 88°	S.E. 88°	N. 35° W.	..	..	..	..	..	
Mitta-mitta Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	No shafts sunk to any noticeable depth in this subdivision.
Jamieson Subdivision	Gleeson's Lease	Sailor Bill's	380	1,246	0 17 4	4 0	E.	..	..	..	..	..	..	..	
SANDHURST.															
Sandhurst Division	North Old-chum	New-chum	676	3,486	1 9 2	10 0	..	..	..	Great Hustler's	Hustler's	840	830	830	
	Hustler's Reef	Hustler's	530 and 665	1,190	0 19 4	2 at 530 0 10 at 665 0	..	..	..	Carlisle, North Garden Gully, and Passby United	Garden Gully	750	480	682	Dip of the shoot of quartz north, western reef underlie 3 in 10, eastern reef underlie 4 in 6.
Kilmore Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Heathcote Division and Waranga South Subdivision	Costerfield G. and A.	Costerfield	520	186	0 1 9	..	S. 45°	..	N. 20° W.	Costerfield G. and A.	Costerfield	520	520	420	
	Central Costerfield & Alison	Morris	var. depths	20	0 1 23	0 6	W. 80°	..	N. 15° W.	Central Costerfield & Alison	Morris	260	260	260	
		Comet	110	21	0 2 19	0 7	W. 80°	..	N. 45° W.		Comet	135	100	100	
Waranga North Subdivision	Mongolian Reef	Mongolian	256	25	4 8 9	..	..	..	..	..	..	..	..	..	
MARYBOROUGH.															
Maryborough Division	Bristol Hill Extended	Bristol Hill, Eastern	310	906	0 4 6	9 0	W. 56°	..	N.N.W.	Bristol Hill Extended	Western	410	360	300	No work has been done in this shaft, as the water was too heavy for the machinery without pumps.
Majorca Subdivision	Deed Brothers	Alfred	233	15	1 15 0	..	..	..	..	..	..	..	..	..	
Amherst Division	Croydon	Laura	100 to 160	540	0 2 23	3 to 12 0	W. 70°	W. 70°	N. 11° 17′ W.	Croydon	Laura	220	200	200	
Avoca Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Dunolly and Tarnagulla Divisions	Queen's Birthday	Bealiba	335 to 405	785	0 11 1	4 0	S. 40°	..	W.	Goldsborough	Bealiba	436	296	386	Sinking stopped at present.
	United Poverty	Poverty	200	24	0 8 1	..	..	..	..	Queen's Birthday	Bealiba	410	405	405	Sinking stopped at present.
										Queen's Reef	Queen's	273	200	200	Sinking stopped at present.
Korong Division	Fone's, Burke's Flat	Fone's	300 to 465	260	0 8 11	4 0	..	..	..	..	..	..	..	..	
Redbank & St. Arnaud South Subdivisions	New Isis	Oxonian	140	314	0 7 13	2 0	W. 30°	E.S.E. 20°	N. 73° W. S.E.	New Isis	Oxonian	450	180	180	180 feet perpendicular over 300 feet on underlie.
St. Arnaud North Subdivision	Rising Star	Rising Star and Paddy's	460	860	0 10 14	2 3*	W.* 60°	..	N. 12° W.	Wilson's Hill	Lewis and Frenchman's	‡ 300, 340§	300	300	* Rising Star. † Paddy's.
						1 8†	W.† 45°	..	N. 36° W.	Rising Star	Rising Star	468	460	460	‡ Perpendicular. § New shaft being sunk to proposed depth of 470 feet.
	Chrysolite	Western	400	120	0 5 1	1 3	W.	..	N. 20° W.	Rising Star	Paddy's	468	480	460	
		Ballarat	500	252	0 17 12	1 6	W.	..	N. 30° W.	Chrysolite	Ballarat	506	500	500	
										..	..	..	..	..	
CASTLEMAINE.															
Castlemaine Division	Volunteer	Volunteer	125 to 140	338	0 16 13	2 0	E. 56°	N.W.	N. 5° W	New Caledonia	Caledonia	301	190	190	
										Englishman's	Englishman's	278	270	270	
Fryer's Creek Division	Rowe Brothers	Cattle's	100 to 160	1,435	0 12 8	90 0	E. 36°	..	N. 14° W.	..	..	..	..	..	
	Fryer's	Ferron's	265	659	0 5 5	1 6	W. 45°	..	N. 10° W.	Anglo	Cattle's	386	..	..	
	Black Hawk	Cattle's	170	1,551	0 6 8	9 0	E. 36°	..	N. 10° W.	Black Hawk	Cattle's	174	170	170	
	Hope Tribute	Cattle's	68	116	1 7 3	0 6	..	..	..	Fryer's	Ferron's	365	300	300	
Hepburn Division	Cornish	Cornish	300 and 460	4,721	0 9 11	6 6	W. 35°	S. 20°	N. 18° W.	..	..	..	..	..	
	North Cornish	Cornish	90 and 160	682	0 4 7	6 6	W. 50°	S. 20°	N. 18° W.	..	..	..	..	..	
	Specimen Hill	Specimen Hill	170, 383, 463	2,685	0 8 13	3 6	W. 45°	S. 15°	N. 15° W.	..	..	..	..	..	
Taradale and Kyneton Subdivision	Fenton	United Kingdom	200	2,000	0 7 4	8 0	..	..	..	..	..	..	..	..	
Tarrangower Division	Eaglehawk Union	Eaglehawk	400 to 650	2,150	3 8 8	5 0	E.* 81° 30′	Vertical	N. 12° W.	Eaglehawk Union	Eaglehawk	675	600	600	* From surface to 500 feet the dip is west, from 500 to 650 the dip is east.
										Central Eaglehawk	Eaglehawk	572	500	..	Shaft sunk on the course of the reef.
St. Andrew's Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Blue Mountain North Subdivision	..	..	..	..	..	..	..	..	..	Rothschild	Kitty Ogden	125	125	..	The Rothschild Co. are getting a new engine on the ground, and are making
										Corn Lynn	Alma	185	185	185	preparations for resuming work.
ARARAT.															
Ararat Division	Morgan and Findley	Moore's	60	142	0 5 2	2 0	E. 52° to 82°	..	N. 20° W.	Rhymney	Rhymney	240	240	..	
										Sir George Bowen	Campbell's	180	127	127	
Pleasant Creek Division	North Cross Reef	Cross and Flat	612, 742, 850	3,338	2 13 2	5 0	..	..	..	Magdala	..	1,459	800	800	
	United Crown Cross	Cross and Flat	810 to 820	658	1 7 1	5 to 7 0	..	..	..	Newington & Pleasant Creek	Cross and New-chum	1,360	660	660	
	Northern	Scotchman's and Flat	480 and 524	2,760	0 14 2	5 0	..	..	..	South Scotchman's	Scotchman's	1,256	500	500	Still sinking.
										North Cross Reef	Cross and Flat	950	850	850	
										United Crown Cross	Cross and Flat	964	810	810	
										Prince Patrick	..	956	..	..	
										Extended Cross Reef	Cross and Flat	890	870	870	
Barkly Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Raglan Division	..	..	..	..	..	..	..	..	..	Rip and Tear	Rip and Tear	200	200	..	Prospecting for reef.
GIPPSLAND.															
Omeo Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Mitchell River and Boggy Ck. Subdivisions	Sons of Freedom	Sons of Freedom	120 to 150	305	0 14 2	..	..	..	..	Eureka	..	160	..	..	
Crooked River Division	..	..	..	.. *	..	..	..	..	..	..	..	..	..	..	* No stone has been crushed from any of the veins taken at a greater depth than 90 feet during the quarter.
Jericho Division	..	..	..	..	..	..	..	..	..	Good Hope	Good Hope	700	500	700	About 40 tons of stone have been raised from the Hopeful mine during the quarter, but have not been crushed.
Donnelly's Creek Division	..	..	..	..	..	..	..	..	..	Beveridge	Hopeful	200	200	200	
										..	..	..	..	..	
Stringer's Creek Division	Long Tunnel	Cohen's	243 and 423	4,729	1 8 8	15 0	W. 80°	N. 30°	N. 19° W.	..	..	..	..	..	
	Walhalla	Cohen's	adit and 285	3,956	1 9 18	4 6	W. 76° to 83°	N. 32°	N. 19° W.	Long Tunnel	Cohen's	534	523	523	
	North Gippsland	Cohen's	58 and 254	299	0 2 5	4 6	W. 60°	N. 32°	N. 19° W.	Walhalla	Cohen's	315	285	285	
	Mountaineer	..	80	20	0 6 18	6 6	..	..	..	North Gippsland	Cohen's	309	254	254	Shaft now being sunk.
	Wilson's and Barthold's	Aberfeldy	100	450	0 9 13	4 6	..	..	..	..	..	..	..	..	
Russell's Creek Division	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Bendoc Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Tarwin Subdivision	Venus	Venus	80	20	0 10 0	1 6	..	E.	N. and S.	Aurora Borealis	..	75	..	..	
	Golden Bar		76	90	1 4 0	..	..	..	..	..	..	..	..	..	
	No. 1 South		80	60	2 0 0	..	..	..	..	..	..	..	..	..	
	Bennison's Flat		90	4	3 0 0	..	..	..	..	..	..	..	..	..	
Traralgon Subdivision	..	..	..	..	..	..	..	..	..	..	..	..	..	..	

Office of Mines, Melbourne, 15th October 1874.
No. 84

R. BROUGH SMYTH,
Secretary for Mines.

ESTIMATED YIELD OF GOLD AND QUANTITY OF GOLD EXPORTED.

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

	Alluvial.		Quartz.		Total.	
	oz.	dwt.	oz.	dwt.	oz.	dwt.
Quarter ended 30th September 1874	108,505	6	170,245	2	278,750	8

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 1874	207,513	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 1874.

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.
16,978·15	75,998·83	86,804·24	845·661

Royal Mint,
Melbourne, 2nd October 1874.

E. W. WARD,
Deputy Master.

STATEMENT of VICTORIAN GOLD received at the Melbourne Branch of the ROYAL MINT during the Quarter ended 30th September 1874.

Gross Weight of Rough Gold.	Gross Weight of Gold Bullion.
oz.	oz.
8,422·12	58,867·32

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

Royal Mint,
Melbourne, 2nd October 1874.

E. W. WARD,
Deputy Master.

QUARTZ, QUARTZ TAILINGS, PYRITES, ETC.

SUMMARY.

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

MINING DISTRICTS.	Quantity Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold from Quartz, &c., Crushed.
Quartz.	tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.
Ballarat	75,254 10 0	0 7 18·82	29,289 9 19
Beechworth	18,251 0 0	0 10 4·90	9,311 19 1
Sandhurst	91,475 0 0	0 14 23·55	68,520 3 20
Maryborough	8,336 10 0	0 9 13·68	3,989 1 11
Castlemaine	38,753 15 0	0 11 4·96	21,715 2 8
Ararat	17,202 0 0	1 0 17·39	17,825 2 19
Gippsland	10,724 12 0	1 3 12·48	12,612 3 6
Totals	259,997 7 0	0 12 13·41	163,263 2 12
Quartz Tailings and Mullock.			
Ballarat	398 0 0	0 2 18·72	55 6 12
Beechworth	612 0 0	0 2 0·47	61 16 0
Sandhurst	1,410 0 0	0 0 23·13	67 19 0
Maryborough	2,200 0 0	0 3 3·48	345 19 0
Castlemaine	4,180 0 0	0 2 19·08	584 3 6
Ararat	1,108 0 0	0 1 16·95	94 10 13
Gippsland	...	...	...
Totals	9,908 0 0	0 2 10·60	1,209 14 7
Pyrites and Blanketings operated on.			
Ballarat	197 15 0	2 14 1·03	534 7 0
Beechworth	141 13 0	1 12 18·88	232 4 6
Sandhurst	946 0 0	3 4 5·39	3,037 16 12
Maryborough	61 0 0	0 15 0	45 15 0
Castlemaine	100 0 0	2 2 19·08	262 0 0
Ararat	...	...	...
Gippsland	176 0 0	1 12 6·67	283 19 12
Totals	1,622 8 0	2 14 4·62	4,396 2 6

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

R. BROUGH SMYTH,
Secretary for Mines.

Office of Mines,
Melbourne, 15th October 1874.

MINING SURVEYORS AND REGISTRARS' RETURNS.

QUARTZ.

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

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
CENTRAL DIVISION.					
Temperance	Little Bendigo ...	2,700 0 0	0 6 19·32	918 14 0	400 to 700 feet
Sovereign	Golden Point ...	3,400 0 0	0 2 12·51	428 12 9	500 to 640 feet
Countess	Ballarat East ...	484 0 0	0 6 22·76	168 3 0	300 feet
Parade	Ballarat East ...	740 0 0	0 9 7·31	344 5 12	150 to 200 feet
Endeavor	Specimen Gully ...	505 0 0	0 5 3·18	129 12 0	200 feet
Llanberris	Gum-tree Flat ...	5,546 0 0	0 2 9	658 14 0	90 to 300 feet
Black Hill South Extended	Ballarat East ...	337 0 0	0 6 20·10	115 4 16	115 to 130 feet
Queen Victoria	Canadian	855 0 0	0 5 0·14	214 0 0	100 feet
United Black Hill and Little Bendigo	Little Bendigo ...	469 0 0	0 2 19·38	65 16 21	60 feet
Black Hill South Tribute...	Ballarat East	64 0 0	0 12 0	38 8 0	256 feet
New Red, White, and Blue	Little Bendigo ...	704 0 0	0 4 0·84	142 0 18	70 feet
Mercer's Battery ...	White Flat	1,400 0 0	0 7 0	490 0 0	
Don	Gum-tree Flat ...	520 0 0	0 2 9·23	62 0 0	200 feet
Welcome	Dead-horse	250 0 0	0 4 0	50 0 0	30 feet
Britannia	Specimen Gully ...	534 0 0	0 2 23·66	79 14 11	130 feet
Two-ton	Black Hill	450 0 0	0 3 12	78 15 0	60 feet
Parade Extended ...	Ballarat East	200 0 0	1 2 14·40	226 0 0	110 to 260 feet
Hero Extended	Little Bendigo ...	1,326 0 0	0 9 10·37	625 7 0	400 feet
Ditto, on hire	Little Bendigo ...	230 0 0	0 9 9·39	108 0 0	
Band and Albion Consols...	Ballarat West ...	380 0 0	0 2 0·63	38 10 0	400 feet
Duchess	Ballarat East	1,324 0 0	0 4 23·30	329 1 17	200 feet
Black Hill	Black Hill Flat ...	2,017 0 0	0 12 13·92	1,268 13 21	390 feet
St. Paul's	Ballarat East	500 0 0	0 4 13·77	114 7 1	130 feet
Dimmock's	Little Bendigo ...	1,080 0 0	0 5 0·60	271 7 0	200 feet
West Parade	Ballarat East	435 0 0	0 9 13·34	207 16 21	150 feet
	Totals	26,450 0 0	0 5 10·17	7,173 4 3	
SOUTHERN DIVISION.					
Speedwell	Staffordshire Reef ...	933 0 0	0 6 17·69	314 5 18	130 feet
Hopewell	Staffordshire Reef ...	362 0 0	0 3 22·83	71 10 12	110 feet
	Totals	1,295 0 0	0 5 23	385 16 6	
BUNINYONG DIVISION.					
Imperial	Hiscock's Reef ...	2,163 0 0	0 2 14·43	281 7 0	200 and 320 feet
One-and-All	Hiscock's Reef ...	480 0 0	0 2 0	48 0 0	270 feet
Tower Hill	Tower Hill, Magpie Ranges	372 0 0	0 3 13·35	66 3 0	240 feet
Trigg's United	Homeward-bound Reef...	480 0 0	0 5 0	120 0 0	130 feet
	Totals	3,495 0 0	0 2 22·79	515 10 0	
CRESWICK DIVISION.					
Port Phillip	Clunes Reefs	15,248 0 0	0 3 8·85	2,591 11 0	150 to 690 feet
New North Clunes ...	Clunes Reefs	7,714 0 0	0 11 7·69	4,366 8 0	240 to 1,005 feet
	Totals	22,962 0 0	0 6 1·44	6,957 19 0	
GORDON SUBDIVISION.					
Parker's Extended ...	Gordon	375 0 0	0 6 20·10	128 4 2	180 to 260 feet
North Parker's	Gordon	366 0 0	1 2 11·20	411 2 20	100 to 160 feet
Lucky Hit	Moorabool	150 0 0	0 2 17·44	20 9 0	
Sundry lots*	... ...	4,272 0 0	1 16 14·82	7,821 11 0	
	Totals	5,163 0 0	1 12 11·21	8,381 6 22	
STEIGLITZ SUBDIVISION.					
Native Youth	A 1 Reef, Steiglitz ...	711 0 0	0 10 4·37	362 0 0	
Nimrod	Electric Reef, Steiglitz...	20 0 0	3 16 0	76 0 0	90 feet
Albion	Portuguese Reef, Steiglitz	8 0 0	5 2 12	41 0 0	250 feet
London	Copenhagen Reef, Steiglitz	9 0 0	0 11 16	5 5 0	
Central	Central Reef, Steiglitz...	9 0 0	0 15 5·33	6 17 0	
Mulroney	Gympie Reef, Steiglitz	6 0 0	1 0 8	6 2 0	
Morning Star	Elaine	263 0 0	0 15 5·01	200 0 0	
Victoria	Elaine	5 15 0	6 8 16·69	37 0 0	
Ditchburne's Tribute ...	Elaine	68 0 0	0 17 8·47	59 0 0	
Lindsay Tribute	Elaine	365 0 0	1 6 10·38	482 8 0	
Von Moltke	Elaine	25 0 0	1 5 14·40	32 0 0	
Four Brothers	Elaine	10 15 0	0 7 10·60	4 0 0	
O'Farrell and Co. ...	Elaine	21 0 0	0 17 14·85	18 10 0	
Working Miners... ...	Elaine	30 0 0	0 14 0	21 0 0	
Post Office	Elaine	68 0 0	0 11 18·35	40 0 0	
Perseverance Tribute ...	Elaine	118 10 0	0 12 11·75	74 0 0	
Boudeson and Co. ...	Elaine	25 0 0	0 8 19·20	11 0 0	
Great Western	Elaine	35 10 0	0 17 17·91	31 10 0	
Golden Gate	Elaine	21 5 0	0 18 19·76	20 0 0	
Patterson and Co. ...	Elaine	31 5 0	0 12 19·20	20 0 0	
Dove and Co.	Elaine	5 0 0	4 3 4·80	20 16 0	
Souter Johnny	Mount Doran ...	18 0 0	1 13 8	30 0 0	
Davidson and Co. ...	Mount Doran ...	123 0 0	1 10 21·46	190 0 0	
Bennett...	Mount Doran ...	11 10 0	0 10 0	5 15 0	
Evans	Mount Doran ...	7 15 0	0 11 14·70	4 10 0	
Lowett	Mount Doran ...	4 15 0	2 13 16·42	12 15 0	
Brown	Mount Doran ...	15 0 0	0 18 16	14 0 0	
	Totals	2,036 0 0	0 17 22·34	1,825 8 0	

* From lessees' returns received in the Office of Mines.

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

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c..
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Sultan	Barry's Reef	3,287 0 0	0 13 14·35	2,234 17 0	100 to 500 feet
Mounter Bros.	Barry's Reef	1,077 0 0	0 13 13·64	730 13 0	150 and 236 feet
Sultana Tributers ...	Barry's Reef	310 0 0	0 5 16·30	87 17 0	130 feet
Albion	Lucky Hit Reef ...	164 10 0	0 7 1·94	58 4 19	30 to 80 feet
Cornish	Simmons' Reef ...	200 0 0	0 8 7·92	83 6 0	280 feet
Crown	Simmons' Reef ...	500 0 0	0 2 1·92	52 0 0	150 feet
Lerderderg	Simmons' Reef ...	150 0 0	0 2 0·96	15 6 0	100 feet
Imperial	Simmons' Reef ...	2,100 0 0	0 0 21·99	96 4 0	50 feet
Big Hill	Simmons' Reef ...	2,600 0 0	0 0 13·29	72 0 2	150 feet
Koh-i-noor	Simmons' Reef ...	370 0 0	0 2 7·23	42 11 10	60 feet
Red, White, and Blue ...	Wright's Reef ...	298 0 0	0 10 8·30	154 3 0	150 feet
North Britain	Wright's Reef ...	850 0 0	0 3 2·61	132 2 11	80 feet
Cornish United	Wright's Reef	78 0 0	0 8 10·85	32 19 6	30 feet
All Nations	Manheim Reef ...	212 0 0	0 5 23·94	63 11 12	30 to 40 feet
Prince of Wales	Blue Gully Reef ...	21 0 0	0 6 10·29	6 15 0	60 feet
Garibaldi and Wilson ...	Garibaldi Reef ...	1,500 0 0	0 1 18·40	132 10 0	85 feet
Morning Star	Bald Hill Reef ...	96 0 0	0 3 3	15 0 0	40 feet
	Totals... ...	13,813 10 0	0 5 19·34	4,010 0 12	
BALLAN SUBDIVISION.					
Ashton's	Ashton's Reef, Blakeville	40 0 0	1 0 3	40 5 0	100-foot level

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.					
Homeward-bound Co. ...	Rocky Point	155 0 0	1 15 3·86	272 10 0	440 feet
Donald McLeod	Carnival Reef... ...	44 0 0	2 6 0	101 4 0	135 feet
Jno. Lang	Golden Bar Reef ...	19 0 0	1 0 0	19 0 0	45 feet
Caledonian	Stanley	16 0 0	0 6 6	5 0 0	40 feet
Morning Star	Stanley	35 0 0	0 7 0	12 5 0	Surface
Power and Co.	Buffalo Creek	6 0 0	2 5 0	13 10 0	Surface
Wallaby	Hurdle Flat	60 0 0	2 0 12	121 10 0	90 feet
Kingston	Hurdle Flat	50 0 0	0 5 0	12 10 0	100 feet
Rechabite	Hurdle Flat	105 0 0	0 12 5·71	64 5 0	85 feet
Birtles and Co.	Hurdle Flat	24 0 0	1 0 0	24 0 0	
Williams and Co.. ...	Hurdle Flat	10 0 0	0 14 0	7 0 0	
Sundry crushings ...	Hurdle Flat	45 0 0	0 3 0	6 15 0	
Waterloo	Barwidgee	50 0 0	0 3 12	8 15 0	80 feet
Taylor and Co.	Barwidgee	10 0 0	0 8 12	4 5 0	20 feet
Nil Desperandum ...	Myrtleford	511 0 0	0 13 6·10	338 13 0	80 feet
Forest View	Stony Creek	53 0 0	0 7 7·69	19 8 0	30 feet
Blue Bell	Palmerston	93 0 0	0 5 14·96	26 3 0	80 feet
Dublin Reef	Stony Creek	50 0 0	2 2 0	105 0 0	Surface
Oxford	Stony Creek	38 0 0	0 9 12	18 1 0	Surface
Reform	Myrtleford	51 0 0	1 6 11·76	67 11 0	200 feet
	Totals	1,425 0 0	0 17 12·12	1,247 5 0	
YACKANDANDAH DIVISION.					
Bigelow and Clingan ...	Homeward-bound, Hillsborough	720 0 0	0 8 6	297 0 0	340 to 350 feet
Bigelow and Harvey ...	Birthday Reef, Hillsborough	76 0 0	0 6 0	22 16 0	90 feet
James Magill	Von Moltke Reef, Hillsborough	27 0 0	4 11 20·44	124 0 0	160 feet
Bolam and Co.	Homeward-bound Reef, Twist's Creek	90 0 0	0 13 16·53	61 12 0	200 feet
Bolam and Co.	Hit-or-Miss Reef, Twist's Creek	17 10 0	0 8 0	7 0 0	
	Totals	930 10 0	0 11 0·32	512 8 0	
INDIGO DIVISION.					
Magenta	Magenta Reef... ...	130 0 0	1 0 0	130 0 0	Surface to 120 feet
Roughead and Co. ...	Banner's Reef ...	46 0 0	0 11 12·52	26 10 0	100 to 120 feet
Tomkins and Co. ...	Happy-go-Lucky Reef ...	24 0 0	0 14 8	17 4 0	100 to 130 feet
Prospecting parties ...	Various reefs ...	56 10 0	0 10 16·14	30 3 0	Surface to 100 feet
Ashton and Co..	Pipeclay Reef... ...	12 10 0	2 2 11·52	26 11 0	80 to 90 feet
Moore and Co.	R. Burns' Reef ...	96 0 0	3 9 13·75	333 19 0	60 to 100 feet
Harris and Co.	Not known	60 0 0	0 16 0	48 0 0	
Various companies ...	Trial crushings ...	25 10 0	0 19 18·35	25 4 0	Surface to 100 feet
	Totals	450 10 0	1 8 7·29	637 11 0	
BUCKLAND DIVISION.	*Harrietville.*				
Law, Hanna, and Co. ...	United Miners' Reef ...	1,000 0 0	0 6 9·60	320 0 0	200 to 240 feet
	Ovens River.				
Osborne and Co.	Homeward-bound ...	750 0 0	0 7 11·20	280 0 0	300 feet
Walden and Co.	Homeward-bound No. 1.	50 0 0	1 11 4·80	78 0 0	300 feet
Traulsen and Co. ...	Stuckey Gully ...	11 0 0	2 18 4·36	32 0 0	Surface

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.*		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
	Running Creek.				
Happy Valley	Three reefs in lease ...	1,100 0 0	0 2 7·88	128 1 12	104 to 560 feet
G. R. Green	Root Hog, &c. ...	30 0 0	0 10 0	15 0 0	Not stated
Step and Co.	New London	25 0 0	0 10 19·20	13 10 0	Surface
	Morse's and Growler's Creeks.				
E. M. Gill	Home Reef	400 0 0	0 2 18	55 0 0	130 feet
Magill, Clingan, and Co. ...	Hillsborough	900 0 0	0 17 23·46	809 0 0	60 to 120 feet
Nicholls, Halvey, and Co. ...	Gunnies Lake ...	70 0 0	0 8 0	28 0 0	90 feet
Tamar	Tamar	28 0 0	0 10 0	14 0 0	40 feet
Cornish United	Four reefs in lease ...	400 0 0	0 5 6	105 0 0	Surface to 120 feet
Hazelton and Duncan ...	Queen of the South ...	650 0 0	0 4 8·12	141 0 0	90 to 120 feet
Hood and Coutts... ...	Try Again	220 0 0	0 14 15·27	161 0 0	70 to 120 feet
Mortimer, McLean, & Bruce	English and Welsh ...	275 0 0	1 1 9·16	294 0 0	80 to 100 feet
Wallace, Kinkade, and Co....	Railway	108 0 0	0 18 0	97 4 0	40 feet
Wallace, Kinkade, and Co....	Railway	82 0 0	0 5 8·78	22 0 0	60 feet
James, Brown, and Co. ...	London	415 0 0	0 18 9·83	382 0 0	120 feet
Attridge, Butler, and Co. ...	Constitutional ...	19 0 0	0 18 10·10	17 10 0	70 feet
Stephens and McLeod ...	Kingsborough ...	62 0 0	0 14 20·12	46 0 0	60 feet
	Buckland.				
J. A. Wallace	Miners' rights ...	77 0 0	0 17 15·89	68 0 0	250 feet
Radcliffe and Co. ...	Lady Bowen	5 0 0	5 16 0	29 0 0	20 feet
McDonald and Co. ...	Unicorn	38 0 0	2 3 16·42	83 0 0	100 feet
Howman and Co. ...	Lady Darling... ...	20 0 0	0 14 0	14 0 0	50 feet
Hall and Co.	Robin	50 0 0	1 7 10·08	68 11 0	40 feet
G. Thorp	Perseverance	30 0 0	0 15 19·20	23 14 0	35 feet
Brogan and Co.	Rip and Tear	20 0 0	1 3 7·20	23 6 0	Surface
R. Anderson	Durham	8 0 0	3 0 0	24 0 0	35 feet
	Totals	6,843 0 0	0 9 20·51	3,371 16 12	
ALEXANDRA SUBDIVISION.					
Premier Tribute	Mysterious Reef ...	456 0 0	0 6 0	114 0 0	200 feet
Mitchell and party ...	Perseverance Reef ...	3 0 0	10 5 20	30 17 12	170 feet
Waters and party ...	... ...	14 0 0	0 4 20·57	3 8 0	30 feet
Lewis and party	Albion Reef	23 0 0	0 4 0	4 12 0	80 feet
Never-can-tell	Durham Reef... ...	26 0 0	0 10 16·60	13 18 0	130 feet
Wallace and party ...	Britannia Reef ...	2 0 0	0 8 12	0 17 0	Surface
F. Johnson and party ...	Lily Reef	18 0 0	0 8 16	7 16 0	40 feet
Hewitt and party ...	Galatea Reef	8 0 0	6 15 0	54 0 0	50 feet
Barton and party ...	Galatea Reef	5 0 0	4 0 0	20 0 0	30 feet
Albert	Lucky Reef	5 0 0	6 16 0	34 0 0	300 feet
Junction Tribute ...	Lucky Reef	2 0 0	0 14 12	1 9 0	180 feet
Leviathan Tribute ...	Lucky Reef	12 0 0	0 15 0	9 0 0	160 feet
Riordan and party ...	Homeward-bound Reef...	3 0 0	3 0 0	9 0 0	20 feet
GAFFNEY'S CREEK SUBDIVISION.	Totals	577 0 0	0 10 11·96	302 17 12	
Great Eastern	Homeward-bound Reef...	250 0 0	0 3 2·30	38 14 0	150 feet, about
Lauraville	Homeward-bound Reef...	500 0 0	0 1 23·66	49 12 23	150 feet, about
Victoria	Homeward-bound Reef...	400 0 0	0 2 2·01	41 13 14	250 feet, about
Wallaby	Wallaby Reef... ...	700 0 0	0 4 8·98	153 2 0	100 feet, about
Royal	Wallaby Reef... ...	250 0 0	0 4 14·59	57 12 0	130 feet, about
Dempsey's Tribute ...	Dempsey's Reef ...	250 0 0	0 8 20·83	110 17 0	120 feet, about
Rose of Denmark ...	Eureka Reef	600 0 0	0 4 5·60	127 0 0	400 feet, about
WOOD'S POINT SUBDIVISION.	Totals	2,950 0 0	0 3 22·14	578 11 13	
Hope	Morning Star Reefs ...	180 0 0	0 16 20·17	151 11 6	200 to 300 feet
Alps Great Central ...	Morning Star Reefs ...	280 0 0	0 3 12·77	49 9 0	250 feet
No. 1 and 2 N. Amalgamated	Morning Star Reefs ...	60 0 0	0 12 0·40	36 1 0	150 feet
Morning Star Prospectors'	Morning Star Reefs ...	400 0 0	0 2 17·09	54 19 6	200 feet
Telegraph	Waverley Reef ...	50 0 0	0 3 12·96	8 17 0	120 feet
All Nations	All Nations Reef ...	450 0 0	0 2 9·07	53 10 0	Surface to 100 feet
Prince of Wales	All Nations Reef ...	420 0 0	0 5 5·14	109 10 0	150 feet
Alliance Miners'	Alliance Reef... ...	130 0 0	0 13 12·92	88 0 0	230 feet
Golden Star	Oriental Reef... ...	350 0 0	0 3 12·14	61 7 0	160 feet
BIG RIVER SUBDIVISION.	Totals	2,320 0 0	0 5 6·88	613 4 12	
Londonderry cum Retriever	Railway Reef... ...	400 0 0	0 5 20·40	117 0 0	About 270 feet
Unknown	Unknown Reef ...	22 0 0	3 10 0	77 0 0	About 100 feet
Luck's-All	Warner's Reef ...	100 0 0	0 14 19·20	74 0 0	About 300 feet
	Totals	522 0 0	0 10 6·44	268 0 0	
JAMIESON SUBDIVISION.					
Venture	Mack's Creek ...	960 0 0	0 13 18·56	661 2 12	250 feet
Gleeson's Lease	Sailor Bill's Creek ...	1,246 0 0	0 17 4·48	1,070 14 18	380 feet
Try Again	Baker's Creek ...	6 0 0	2 19 4	17 15 0	90 feet
Perseverance Tribute ...	Sailor Bill's Creek ...	21 0 0	1 9 4·28	30 12 18	200 feet
	Totals	2,233 0 0	0 15 22·67	1,780 5 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.	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
Lazarus New-chum ...	New-chum Gully ...	2,188 0 0	1 11 17·82	3,472 13 0	Mixed lots from various reefs (*See* page 31).
Hercules	Victoria Reef ...	3,196 0 0	0 5 5·35	834 13 12	
New-chum and Victoria ...	Victoria Reef ...	4,064 0 0	1 5 17·61	5,229 3 0	
Wilson's Reef	Marong	1,354 0 0	0 4 5·50	286 6 12	
Garden Gully United ...	Garden Gully Reef ...	4,237 0 0	2 8 22·35	10,366 2 0	
G. G. Consolidated ...	Golden Gully	2,465 0 0	0 12 21·73	1,590 12 18	
Koch's Pioneer	Long Gully	7,251 0 0	0 13 2·67	4,753 12 6	
Great Extended Hustler's...	Hustler's Reef ...	7,625 0 0	0 9 8·49	3,566 4 0	
Great Hustler's	Hustler's Reef ...	1,827 0 0	0 8 5·50	751 15 6	
Hustler's Reef	Hustler's Reef ...	2,413 0 0	0 11 14·06	1,397 17 0	
Victoria Consols	Victoria Reef ...	4,814 0 0	0 9 6·44	2,230 18 0	
Victoria Reef	Victoria Reef ...	2,450 0 0	0 12 10·96	1,525 19 0	
Metropolitan	Golden Square ...	4,901 0 0	0 8 2·19	1,982 17 0	
Johnson's Reef	Johnson's Reef ...	4,034 0 0	1 0 3·56	4,064 0 0	
Beehive	Eaglehawk	3,120 0 0	0 14 20·98	2,320 8 12	
Louisa	Eaglehawk	3,296 0 0	0 9 2·18	1,498 3 16	
Catherine Reef United ...	Eaglehawk	2,164 0 0	0 14 23·70	1,621 13 15	
Pioneer	Eaglehawk	3,420 0 0	0 7 20·39	1,342 6 0	
W. Rae	Happy Valley ...	2,895 0 0	0 13 8·90	1,935 9 14	
Marong Crushing Works ...	Marong	636 0 0	0 5 21·88	188 0 0	
Fortuna Works	New-chum Gully ...	2,242 0 0	1 11 10·57	3,524 10 0	
Albert	Diamond Hill ...	732 0 0	0 6 14·28	241 7 16	
Bendigo and Melbourne ...	Kangaroo Flat ...	3,150 0 0	0 5 20·14	919 14 12	
Great Britain	Golden Square ...	3,620 0 0	0 6 6·62	1,136 0 0	
South Frazer's	Golden Square ...	935 0 0	0 6 23·31	325 18 12	
Abe Lincoln	New-chum Gully ...	4,810 0 0	1 14 2·65	8,203 13 0	
New Nelson Reef ...	California Gully ...	2,940 0 0	0 9 7·71	1,370 5 0	
Shellback	Shellback Reef ...	2,272 0 0	0 6 13·80	746 18 16	
Wallace Reef	Whipstick	150 0 0	0 3 3·20	23 10 0	
Specimen Hill United. ...	Specimen Hill ...	469 0 0	0 2 6·95	53 14 0	
Wybrant	Crusoe Gully	221 0 0	0 6 1·95	67 4 0	
	Totals	89,891 0 0	0 15 0·81	67,571 9 23	
KILMORE DIVISION.					
Sunday Creek Tribute ...	Ryan's Reef, Sunday Creek	160 0 0	0 5 0	40 0 0	Tunnel about 50 feet from surface
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
Costerfield G. and A. ...	Costerfield	186 0 0	0 1 9·55	13 0 0	520 feet
George Archbold ...	Horseshoe Bend ...	42 0 0	0 10 14·57	22 5 12	75 feet
John Collins	Redcastle and Staffordshire Flat	36 0 0	0 9 17·16	17 9 18	Various depths
Central Costerfield & Alison	Costerfield	41 0 0	0 2 9·58	4 18 9	Various depths
	Totals	305 0 0	0 3 18·77	57 13 15	
WARANGA NORTH SUBDIVISION.					
Joseph Hardy	Rushworth	5 0 0	0 1 22·80	0 9 18	Above water-level
Milleay and Co.	Rushworth	56 0 0	0 8 0·85	22 10 0	Above water-level
Schleswig Holstein ...	Rushworth	12 0 0	1 1 16	13 0 0	280 feet
Perseverance	Rushworth	13 0 0	0 4 0	2 12 0	Above water-level
Clausen and Co.	Rushworth	3 0 0	0 13 16	2 1 0	Above water-level
Mongolian Reef	Rushworth	25 0 0	4 8 9·12	110 9 12	256 feet
Balaclava	Whroo	645 0 0	0 7 6·44	234 8 0	Above water-level
Stockyard Reef	Whroo	4 0 0	0 7 4·50	1 8 18	
Various public crushings ...	Chiefly Fontainebleau ...	90 0 0	0 2 8	10 10 0	
Manuel and Co.	Whroo	14 0 0	1 13 1·71	23 3 0	
Cameron and Co.... ...	Whroo	5 0 0	0 8 14·40	2 3 0	
Hodge and Co.	Whroo	7 0 0	7 0 0	49 0 0	
Keys and Co.	White Hills	23 0 0	0 4 16·95	5 8 6	
Augustine and Co. ...	White Hills	24 0 0	0 10 0	12 0 0	
Welch and Co.	White Hills	110 0 0	2 8 13·09	267 0 0	
Byron	Coy's Diggings ...	10 0 0	0 5 0	2 10 0	
Martin and Co.	Coy's Diggings ...	8 0 0	1 12 3	12 17 0	
Grumbridge and Co. ...	Coy's Diggings ...	10 0 0	1 14 12	17 5 0	
Oppermann and Co. ...	Coy's Diggings ...	7 0 0	0 19 6·86	6 15 0	
Dippen and Co.	Coy's Diggings ...	5 0 0	2 4 14·40	11 3 0	
Telford and Co.	Cherry-tree	6 0 0	1 9 0	8 14 0	
Kent Reef	Cherry-tree	23 0 0	1 4 3·13	27 15 0	
Clark and Co.	Cherry-tree	9 0 0	0 8 8	3 15 0	
O'Brien and Co.	Cherry-tree	5 0 0	0 16 14·40	4 3 0	
	Totals	1,119 0 0	0 15 5·04	851 0 6	

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

Division and Subdivision, and Name of Company.	Where Quartz was obtained.	Quartz Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Quartz was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Bristol Hill	Bristol Hill	906 0 0	0 4 6·11	192 15 0	310 feet
Johnston and Sons ...	Public crushings ...	373 0 0	0 11 18·16	219 5 7	
Penny and Claussen ...	Public crushings	724 0 0	0 14 1·36	508 17 0	50 to 300 feet
Mariner's Reef	Public crushings	568 0 0	0 6 8·59	180 11 6	
	Totals	2,571 0 0	0 8 13·63	1,101 8 13	
MAJORCA SUBDIVISION.					
Deed Brothers	Alfred Reef, German Gully	15 0 0	1 15 0	26 5 0	233-foot level. Reef 15 inches thick
AMHERST DIVISION.					
Croydon	Laura Reef	540 0 0	0 2 23·93	80 18 12	100 to 160 feet
Luly and Co.	Prince of Wales Reef ...	73 0 0	0 9 19·39	35 16 0	70 to 90 feet
Busch and Co. ...	Prince of Wales Reef ...	244 0 0	0 15 19·96	193 3 0	90 to 92 feet
Dahnet and Co.	Prince of Wales Reef ...	22 0 0	0 2 5·09	2 16 0	85 feet
Niehoff and Co.	Prince of Wales Reef ...	14 0 0	0 3 9·43	2 7 12	Surface to 30 feet
Biel and Co.	Prince of Wales Reef ...	11 0 0	0 13 17·45	7 11 0	Surface to 30 feet
Biel and Co.	Laura Reef	8 0 0	0 10 16·50	4 5 12	80 feet
Miller and Co.	Amelia Reef	4 0 0	0 14 10·50	2 17 18	Surface to 30 feet
Williams and Co. ...	Specimen Reef ...	20 0 0	3 10 9·60	70 8 0	40 feet
Sangster and Co.... ...	Glendhu Reef ...	4 10 0	0 5 12	1 4 18	27 feet
	Totals	940 10 0	0 8 12·86	401 8 0	
AVOCA SUBDIVISION.					
United No. 2 Barnes' Reef	Barnes' Reef	88 0 0	1 0 7·64	89 8 0	10 to 52 feet
Davies and Simons ...	Donkey Hill, Crown Reef	48 0 0	0 17 11·50	41 19 0	25 to 30 feet
Harrison, Redan	Donkey Hill Reef ...	55 0 0	0 2 8·07	6 8 12	55 to 100 feet
Griffith and McGallem ...	West of England Reef...	12 0 0	0 7 22	4 15 0	20 to 25 feet
Duffy	Reef near Sugarloaf Hill	7 0 0	0 2 6·86	0 16 0	Surface
Murdoch	Sliding Rock	16 0 0	0 5 9	4 6 0	15 feet
Avoca and Pyrenees Mill...	Various parcels, Donkey Hill	80 0 0	0 3 0·60	12 2 0	Surface to 35 feet
Monte Christo	Monte Christo Reef ...	151 0 0	0 3 18·27	28 7 23	
Murdoch	Pioneer Reef	30 0 0	0 2 0	3 0 0	
Matthews	Reef, Avoca Lead ...	10 0 0	0 1 0	0 10 0	
	Totals	497 0 0	0 7 17·07	191 12 11	
DUNOLLY AND TARNAGULLA DIVISIONS.					
Queen's Birthday ...	Bealiba Reef	785 0 0	0 11 1·16	433 13 0	335 to 405 feet
Bet-bet Reef	Bet-bet Reef	15 0 0	0 7 0·40	5 5 6	32 feet
T. and W. Pike	Perseverance Reef ...	110 0 0	0 1 12	8 5 0	100 feet
Kern and Stone	Break-o'-Day Reef ...	26 0 0	0 9 0	11 14 0	70 feet
Ruddock and Co. ...	Maori Reef	15 0 0	0 3 12	2 12 12	60 feet
United Poverty Reef ...	Poverty Reef	24 0 0	0 8 1·25	9 13 6	200 feet
United Poverty Reef ...	Havelock Reef ...	73 0 0	0 9 9·04	34 4 12	20 feet
South Poverty Consols ...	Greeks' Hill Reef ...	18 0 0	0 13 12	12 3 0	60 feet
Prince of Wales ...	Poverty Reef... ...	38 0 0	0 2 12	4 15 0	300 feet
Henderson and Co. ...	Jim Crow Reef ...	30 0 0	0 13 0	19 10 0	35 feet
Clouston	London Reef	5 0 0	0 16 0	4 0 0	80 feet
Thomas and Fraser ...	Graveyard Reef ...	25 0 0	0 3 6·72	4 2 0	50 feet
W. Williams	London Reef ...	15 0 0	0 9 16	7 5 0	Surface
Wylie and Williams ...	Greeks' Hill Reef ...	14 0 0	0 8 18·85	6 3 0	40 feet
McDermott and Co. ...	McDermott's Reef ...	4 0 0	0 4 0	0 16 0	60 feet
	Totals	1,197 0 0	0 9 10·19	564 1 12	
KORONG DIVISION.					
Fone's	Burke's Flat	260 0 0	0 8 11·08	110 0 0	Between 300 and 465 ft.
British Sovereign ...	Wehla	60 0 0	0 1 19·20	5 8 0	310 feet
Neale and party	Wehla	14 0 0	0 3 15·42	2 11 0	
Emerald	Inglewood	34 0 0	0 4 3·52	7 1 0	
Royal Standard	Inglewood	57 0 0	0 2 5·89	6 8 0	
Royal Standard	Inglewood	12 0 0	0 4 0	2 8 0	
March Reef Tribute ...	Inglewood	30 0 0	0 8 20	13 5 0	200 feet
Opie's Co.	Inglewood	49 0 0	0 1 13·22	3 16 0	
	Totals	516 0 0	0 5 20·32	150 17 0	
REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.					
New Isis	Oxonian Reef... ...	314 0 0	0 7 13·18	118 10 11	140 feet
New Isis	Star of the East Reef ...	115 0 0	0 5 21·91	34 0 0	
Eureka	Eureka Reef	61 0 0	0 10 7·87	31 10 0	Surface to 70 feet
	Totals	490 0 0	0 7 12·27	184 0 11	

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.
ST. ARNAUD NORTH SUBDIVISION.		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Wilson's Hill	Wilson's Hill	600 0 0	0 18 8	550 0 0	
Rising Star	Rising Star and Paddy's Reefs	860 0 0	0 10 14·23	455 10 0	460 feet
Chrysolite	Western Reef ...	120 0 0	0 5 1·70	30 8 12	400 feet
Chrysolite	Ballarat Reef... ...	252 0 0	0 17 12·38	220 14 0	500 feet
Whiting and Gibson ...	Tommy Dodd Reef ...	22 0 0	0 6 8·73	7 0 0	
Whiting and Gibson ...	Jerejaw	8 0 0	0 15 0	6 0 0	60 feet
Greenock	Greenock Reef ...	191 0 0	0 7 0	66 17 0	200 feet
Smith and Harvey ...	Devonshire Reef ...	21 0 0	1 4 17·14	25 19 0	40 to 50 feet
Dawe and St. Clair ...	Pioneer Reef	36 0 0	0 3 21·33	7 0 0	40 feet
	Totals	2,110 0 0	0 12 23·52	1,369 8 12	

CASTLEMAINE MINING DISTRICT.

CASTLEMAINE DIVISION.					
Eureka	Eureka Reef	465 0 0	0 9 11·35	220 5 0	50 to 360 feet
New Caledonia	Caledonia Reef ...	2,819 0 0	0 3 22·64	555 17 0	160 feet up
O.Q.X.	Volunteer Reef ...	782 0 0	0 12 19·15	500 8 0	120 feet
Volunteer	Volunteer Reef ...	338 0 0	0 16 13·17	279 13 12	125 to 140 feet
Ajax Tribute	Ajax Reef	78 0 0	0 18 12·92	72 6 0	70 feet
Devonshire	Devonshire Reef ...	480 0 0	0 4 14·50	110 10 0	305 feet
Central Wattle Gully ...	Wattle Gully Reef ...	183 0 0	0 9 18·59	89 8 18	285 feet
Argus Flat	Argus Reef	1,796 0 0	0 4 6·68	384 4 12	110 feet
Walker and others	Manchester Reef ...	263 0 0	0 5 20·41	76 18 18	150 feet
Bridges	Bullock Reef	98 0 0	0 7 16·89	37 15 0	176 feet
Bowan and others ...	Nimrod Reef	458 0 0	0 5 18·20	131 17 8	120 feet
Chewton United	Chewton Reef ...	145 0 0	0 8 17·83	63 7 18	70 feet
Callander and Co. ...	Various reefs	464 0 0	0 6 19·96	158 10 0	Various
Price and others	Various reefs	527 0 0	0 4 17·76	124 18 0	Various
McGlenchy and Co. ...	Shellback	31 0 0	1 15 19·35	55 10 0	25 feet
FRYER'S CREEK DIVISION.	Totals	8,927 0 0	0 6 9·86	2,861 9 14	
Rowe Brothers	Cattle's Reef	1,435 0 0	0 12 8·47	886 6 16	100 to 160 feet
Bridges and Dales ...	Bullock Reef	85 0 0	0 4 13·27	19 7 0	230 feet
Wilson and McDonald ...	German Gully ...	25 0 0	2 12 0	65 0 0	60 feet
Garnet and Hender ...	Hit-or-Miss	20 0 0	0 19 9·60	19 8 0	75 feet
Anglo-Australian ...	Golden Gully	362 0 0	0 5 12·53	99 19 0	
Ridgway and Co. ...	Blacksmith's Gully ...	11 0 0	0 6 0	3 6 0	80 feet
Ferron's Reef	Ferron's Reef	712 0 0	0 5 8·69	190 18 0	177 feet
Small and Co.	Cattle's Reef	300 0 0	0 9 8	140 0 0	180 to 200 feet
Hope Tribute	Cattle's Reef	116 0 0	1 7 3·72	157 10 0	68 feet
Fryer's	Ferron's Reef... ...	659 0 0	0 5 5·57	172 8 0	265 feet
Cumberland	Cattle's Reef	920 0 0	0 6 3·65	283 0 0	170 to 240 feet
Black Hawk	Cattle's Reef	1,551 0 0	0 6 8·85	493 18 0	170 feet
W. G. Hefford	Pickpocket	22 0 0	0 13 0	14 6 0	45 feet
Thyra	Specimen Hill ...	130 0 0	0 3 7·38	21 10 0	20 feet
W. G. Hefford	Pickpocket	30 0 0	0 5 17·60	8 12 0	45 feet
HEPBURN DIVISION.	Totals	6,378 0 0	0 8 1·82	2,575 8 16	
Cornish	Cornish Reef	4,721 0 0	0 9 11·87	2,246 4 12	300 to 460 feet
Specimen Hill	Specimen Hill ...	2,685 0 0	0 8 13·65	1,150 8 3	170, 383, and 463 feet
North Cornish	Cornish Reef	682 0 0	0 4 7·80	147 9 17	90 to 150 feet
Mawby and party ...	Mauritius Reef ...	567 0 0	0 5 18·03	163 1 4	48 to 75 feet
Keam and party	Commissioner's Reef ...	255 0 0	0 6 5·69	79 10 12	130 feet
Barkla's public mill ...	Doctor's Gully ...	320 0 0	0 12 0·85	205 18 0	20 to 90 feet
Jenkins' public mill ...	Daylesford	237 0 0	0 8 19·27	104 6 7	12 to 65 feet
Argus	Cornish Reef	920 0 0	0 4 8·29	199 18 0	100 feet
Coupin and party ...	Crown Reef	192 0 0	0 4 0·83	38 14 16	170 feet
McLeish and party ...	Mauritius Reef ...	88 0 0	0 2 2·45	9 5 0	10 feet
Fear-not Tributers ...	Cornish Reef	378 0 0	0 2 12·76	47 17 0	70 feet
Munday and party ...	Mauritius Reef ...	210 0 0	0 1 9·94	14 17 0	70 to 100 feet
Oldfield (Anchor) ...	Mauritius Reef ...	20 0 0	0 2 10·95	2 9 3	35 feet
Bongergliema (Trial) ...	Hepburn	4 0 0	0 4 0	0 16 0	120 feet
Conrad and party ...	Keep-it-dark Reef ...	18 0 0	1 12 18·22	29 13 0	30 feet
Hancock and party ...	Boots Gully Reef ...	12 0 0	0 15 0	9 0 0	26 feet
Cerberus	German Gully Reef ...	170 0 0	0 8 4·80	69 14 0	60 to 100 feet
Prospectors	Various localities ...	200 0 0	0 15 0	150 0 0	Shallow
Helvetia	Wheelbarrow Point ...	170 0 0	0 1 12	12 13 0	85 feet
Risk	Glengower Reefs ...	220 0 0	0 9 3·70	100 14 0	Not known
Morrison's	Chance Reef	27 0 0	0 3 20	5 3 12	30 feet
Leo	Yandoit	16 0 0	0 3 22·50	3 3 0	
TARADALE AND KYNETON SUBDIVISION.	Totals	12,112 0 0	0 7 21·86	4,790 15 14	
United Kingdom	Taradale	1,800 0 0	0 5 14·33	503 14 12	
Fenton	Taradale	2,000 0 0	0 7 4·75	719 16 12	200 feet
Tommy Dodd United ...	Malmsbury	1,402 0 0	0 6 22·13	485 5 0	
Extended Napier ...	Lauriston	684 0 0	0 6 1·05	206 14 0	
	Totals	5,886 0 0	0 6 12·21	1,915 10 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.	
TARRANGOWER DIVISION.					
Eaglehawk Union ...	Eaglehawk Reef ...	2,150 0 0	3 8 8·14	7,346 10 0	400 to 650 feet
Caledonian crushing mills...	Eaglehawk, Beehive, Cookman's, Nuggety, and Walker's Reefs	935 0 0	0 15 3·56	708 4 0	100 to 500 feet
Linscott's crushing mills ...	Nuggety, Beehive, Linscott's, Bell's, Cumberland, and Church Hill Reefs	548 0 0	0 15 16·05	429 6 14	100 to 400 feet
Phœnix crushing mills ...	Eaglehawk and Swiper's Reefs	83 0 0	0 11 13·30	47 19 0	Surface to 250 feet
Phœnix crushing mills ...	Old banks from Eaglehawk	20 0 0	0 2 10·80	2 9 0	
Britannia	Red, White, and Blue ...	852 0 0	0 5 0·18	213 6 8	100 to 180 feet
	Totals	4,588 0 0	1 18 3·19	8,747 14 22	
ST. ANDREW'S DIVISION.					
Ninck and Co.	Good Success	12 10 0	1 2 3·84	13 17 0	30 feet
Johnson's	New Reef	5 0 0	2 11 18	12 18 18	Surface to 20 feet
Sabelberg	Allau's	10 0 0	0 10 18	5 7 12	Surface
Hirt and Co.	German Reef	1 5 0	1 0 19·20	1 6 0	40 feet
Yarra Tunnelling ...	Warrandyte	14 0 0	0 16 12	11 11 0	100 feet
Magnet	Warrandyte	10 0 0	1 2 19·20	11 8 0	120 feet
Marble Hall	Warrandyte	4 0 0	1 7 19·50	5 11 6	70 feet
Union	Diamond Creek ...	568 0 0	0 14 7·09	406 0 0	320 feet
South Union	Diamond Creek ...	110 0 0	0 12 17·45	70 0 0	60 feet
Allandale	Diamond Creek ...	128 0 0	2 4 17·26	286 4 2	75 feet
	Totals	862 15 0	0 19 2·54	824 3 14	

ARARAT MINING DISTRICT.

ARARAT DIVISION.					
Morgan and Finlay ...	Moore's Reef	142 0 0	0 5 2·09	36 2 9	60 feet
PLEASANT CREEK DIVISION.					
Wimmera Crushing ...	Cross Flat & Scotchman's	3,612 0 0	1 1 5·10	3,831 0 12	
Pioneer and Galatea ...	Cross Flat & Scotchman's	3,137 0 0	0 15 15·02	2,450 18 16	
Scotchman's Reef ...	Cross Flat & Scotchman's	2,581 0 0	1 6 3·01	3,371 10 6	
New St. George	Cross Flat & Scotchman's	3,151 0 0	1 5 11·78	4,016 4 0	
Moonlight Co.	Various Reefs, Pleasant Creek	2,947 0 0	1 3 11·53	3,459 17 0	
Newington and Pleasant Creek	Various Reefs, Pleasant Creek	1,632 0 0	0 8 1·97	659 10 0	
	Totals	17,060 0 0	1 0 20·52	17,789 0 10	

GIPPSLAND MINING DISTRICT.

OMEO SUBDIVISION.					
Found-at-Last	Swift's Creek... ...	17 0 0	1 13 4·24	28 4 0	Surface to 20 feet
Roblin and Co.	Swift's Creek... ...	25 0 0	0 18 13·44	23 4 0	
Redenback and Co. ...	Swift's Creek... ...	9 12 0	1 10 17·50	14 15 0	
BOGGY CREEK SUBDIVISION.	Totals	51 12 0	1 5 15·35	66 3 0	
Sons of Freedom... ...	Sons of Freedom Reef	305 0 0	0 14 2·36	215 0 0	150 feet to 120 feet
CROOKED RIVER DIVISION.					
Good Hope	Good Hope Reef ...	60 0 0	0 15 4·40	45 11 0	80 feet
Kreymborg and Co. ...	Black Prince Reef ...	5 0 0	1 2 0	5 10 0	Surface to 15 feet
Walsh and Co.	Time-will-tell Reef ...	65 0 0	0 6 11·07	21 0 0	70 feet
Chrisman and Co. ...	Bismark Reef ...	22 0 0	0 10 17·45	11 16 0	Surface to 20 feet
Chrisman and Co. ...	Bright Star Reef ...	16 0 0	2 3 18	35 0 0	Surface to 20 feet
Corbett and Co.	Annie Laurie Reef ...	20 0 0	1 3 0	23 0 0	Surface to 20 feet
Garry Castle	Garry Castle Reef ...	6 0 0	0 10 0	3 0 0	40 feet
Kreymborg and Co. ...	Comet Reef	5 0 0	1 0 0	5 0 0	45 feet
	Totals	199 0 0	0 15 1·44	149 17 0	
DONNELLY'S CREEK DIVISION.					
Bismark United	Company's Lease ...	225 0 0	2 18 5·33	655 0 0	About 600 feet
Gippsland Consols ...	Company's Lease ...	135 0 0	0 18 5·33	123 0 0	About 300 feet
United Star Tribute ...	Company's Lease ...	38 0 0	1 7 2·53	51 10 0	
	Totals	398 0 0	2 1 16·40	829 10 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.
STRINGER'S CREEK DIVISION.		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
Long Tunnel	Cohen's Reef	4,729 0 0	1 8 8·16	6,701 0 0	Between 243-foot level and 423-foot level
Walhalla	Cohen's Reef	3,956 0 0	1 0 18·80	4,110 19 0	Adit and 285-ft. level
North Gippsland Tributers	Cohen's Reef	299 0 0	0 2 5·23	33 3 6	58 ft. from surface, 254 ft. below water-level
Mountaineer	... ...	20 0 0	0 6 18	6 15 0	
My Dream	... ...	143 0 0	0 4 20·81	34 16 0	
Wilson and Barthold ...	Aberfeldy	450 0 0	0 9 13·33	215 0 0	100 feet from surface
	Totals	9,597 0 0	1 3 3·24	11,101 13 6	
BENDOC SUBDIVISION.					
Venus	Venus Reef	20 0 0	0 10 0	10 0 0	From the surface to 30 feet
TARWIN SUBDIVISION.					
Golden Bar	Stockyard Creek ...	90 0 0	1 4 0	108 0 0	76 feet
No. 1 South	Stockyard Creek ...	60 0 0	2 0 0	120 0 0	80 feet
Bennison Flat	Bennison Flat ...	4 0 0	3 0 0	12 0 0	90 feet
	Totals	154 0 0	1 11 4·05	240 0 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.	
BALLARAT MINING DISTRICT.					
CRESWICK DIVISION.					
Port Phillip Tributers ...	Clunes	398 0 0	0 2 18·72	55 6 12	Surface
BEECHWORTH MINING DISTRICT.					
INDIGO DIVISION.					
T. Place	Mullock from various reefs	375 0 0	0 1 8	25 0 0	
BUCKLAND DIVISION.					
Butler, Attridge, and Co. ...	Constitutional Reef ...	120 0 0	0 2 20	17 0 0	Various
ALEXANDRA SUBDIVISION.					
Albert	Lucky Reef	100 0 0	0 1 23·04	9 16 0	
Alexandra	Tailings	17 0 0	0 11 18·35	10 0 0	
	Totals	117 0 0	0 3 9·23	19 16 0	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
Hustler's Reef	Hustler's Reef... ...	340 0 0	0 1 4·58	20 5 0	Tailings.
HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.					
Harrison and Co. ...	Redcastle	850 0 0	0 0 23·01	40 15 0	Quartz tailings
WARANGA NORTH SUBDIVISION.					
Byron	Coy's Diggings ...	220 0 0	0 0 15·16	6 19 0	Mullock.

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

Division and Subdivision, and Name of Company.	Where Quartz Tailings and Mullock, &c., were obtained.	Quartz Tailings and Mullock, &c., Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Mullock, &c., were obtained.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Johnston and Sons ...	Public crushing ...	3 0 0	0 11 8	1 14 0	
Penny and Claussen ...	Public crushing ...	350 0 0	0 1 13·03	27 0 0	
	Totals	353 0 0	0 1 15·02	28 14 0	
AMHERST DIVISION.					
T. Bartlemore	Various parts	745 0 0	0 2 0·96	76 0 0	
DUNOLLY AND TARNAGULLA DIVISIONS.					
J. Straker	Greeks' Hill Reef ...	6 0 0	0 2 0	0 12 0	Mullock
REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.					
Lancashire mill	Various	366 0 0	0 2 23·21	54 6 0	
New Isis	Oxonian Reef... ...	205 0 0	0 10 11·59	107 9 0	
	Totals	571 0 0	0 5 15·97	161 15 0	
ST. ARNAUD NORTH SUBDIVISION.					
Greenock	Greenock Reef ...	200 0 0	0 3 0	30 0 0	
Douglas mill	... ...	325 0 0	0 3 0·22	48 18 0	
	Totals	525 0 0	0 3 0·14	78 18 0	
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Davis and Co.	Forest Creek	1,108 0 0	0 1 15	90 0 12	
FRYER'S CREEK DIVISION.					
Homeward-bound ...	Table Hill	522 0 0	0 3 8·11	87 2 13	100 feet
Thomas and Co.	Bald Hill	130 0 0	0 10 0	65 0 0	80 to 90 feet
	Totals	652 0 0	0 4 15·99	152 2 13	
HEPBURN DIVISION.					
Small parcels (trials) ...	Various debris ...	210 0 0	0 4 1·37	42 12 0	
TARRANGOWER DIVISION.					
Eaglehawk Union ...	Eaglehawk Reef ...	2,150 0 0	0 2 18	295 12 12	
ST. ANDREW'S DIVISION.					
Magnet	Warrandyte	60 0 0	0 1 6·28	3 15 17	
ARARAT MINING DISTRICT.					
PLEASANT CREEK DIVISION.					
Scotchman's Reef Crushing	... ...	1,108 0 0	0 1 16·95	94 10 13	

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 ...	32 0 0	1 11 19·50	50 18 0	
CRESWICK DIVISION.					
Port Phillip	Clunes Reefs	75 15 0	3 0 19	230 5 0	
New North Clunes ...	Clunes Reefs	80 0 0	2 15 0	220 0 0	
	Totals	155 15 0	2 17 19·60	450 5 0	
STEIGLITZ SUBDIVISION.					
Minerva	Elaine	5 0 0	4 0 0	20 0 0	
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.					
Mounter Bros.	Barry's Reef	2 0 0	4 6 0	8 12 0	
Garibaldi and Wilson ...	Garibaldi Reef ...	3 0 0	1 10 16	4 12 0	
	Totals	5 0 0	2 12 19·20	13 4 0	
BEECHWORTH MINING DISTRICT.					
BEECHWORTH DIVISION.					
Blanketings	Various reefs ...	25 13 0	1 11 16	40 12 6	
YACKANDANDAH DIVISION.					
Bigelow and Clingan ...	Homeward-bound, Hillsborough	63 0 0	2 0 11·43	127 10 0	300 to 350 feet
BUCKLAND DIVISION.					
Happy Valley	Various	43 0 0	0 15 20·65	34 2 0	
JAMIESON SUBDIVISION.					
Gleeson's Lease ...	Sailor Bill's Creek ...	10 0 0	3 0 0	30 0 0	
SANDHURST MINING DISTRICT.					
SANDHURST DIVISION.					
J. T. Spargo	Great Western Gully ...	248 0 0	2 11 1·83	633 7 0	
Sandhurst and Eaglehawk P. G. E.	Jackass Flat	248 0 0	2 8 2·12	596 6 0	
Koch's Pioneer	Long Gully	166 0 0	2 3 8·96	360 0 0	
Great Hustler's	Hustler's Reef ...	25 0 0	1 14 6·24	42 16 12	
United, Pyrites G. E. ...	Pigstye Gully... ...	259 0 0	5 8 12·50	1,405 7 0	
	Totals	946 0 0	3 4 5·39	3,037 16 12	
MARYBOROUGH MINING DISTRICT.					
MARYBOROUGH DIVISION.					
Fone's	Burke's Flat	4 0 0	1 6 6	5 5 0	400 feet
ST. ARNAUD NORTH SUBDIVISION.					
Chrysolite	Chrysolite Hill ...	57 0 0	0 14 5·05	40 10 0	
CASTLEMAINE MINING DISTRICT.					
CASTLEMAINE DIVISION.					
Yates and Co.	Various	62 0 0	2 6 7	143 10 0	
O.Q.X.	Volunteer Reef ...	5 10 0	4 10 21·82	25 0 0	
Eureka Consols	Eureka Reef	7 10 0	1 16 0	13 10 0	
	Totals	75 0 0	2 8 12·80	182 0 0	
HEPBURN DIVISION.					
Specimen Hill	Specimen Hill ...	7 0 0	5 0 0	35 0 0	Estimated
Cornish...	Cornish Reef ...	16 0 0	2 10 0	40 0 0	Estimated
North Cornish	Cornish Reef	2 0 0	2 10 0	5 0 0	Estimated
	Totals	25 0 0	3 4 0	80 0 0	
GIPPSLAND MINING DISTRICT.					
STRINGER'S CREEK DIVISION.					
Long Tunnel	... ...	68 0 0	1 11 12·70	107 4 0	
Walhalla	... ...	108 0 0	1 12 17·66	176 15 12	
	Totals	176 0 0	1 12 6·47	283 19 12	

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	79,490 0 0	0 1 16·53	6,711 10 19
Beechworth	13,957 0 0	0 1 13·06	1,077 10 12
Sandhurst	10,174 0 0	0 2 21·80	1,479 11 12
Maryborough	16,528 0 0	0 3 3·03	2,583 12 0
Castlemaine	149,802 0 0	0 0 12·17	3,799 2 17
Ararat	702 0 0	0 4 23·48	174 14 22
Gippsland	...	...	...
Totals	270,653 0 0	0 1 4·07	15,826 2 10
Cement.			
Ballarat	70 0 0	0 8 12	29 15 0
Beechworth	...	...	...
Sandhurst	...	...	...
Maryborough	...	...	...
Castlemaine	1,783 0 0	0 3 3·18	279 5 0
Ararat	4,294 0 0	0 6 10·99	1,386 8 21
Gippsland	...	...	...
Totals	6,147 0 0	0 5 12·39	1,695 8 21

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

Office of Mines,
Melbourne, 15th October 1874.

R. BROUGH SMYTH,
Secretary for Mines.

WASHDIRT.

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

Division and Subdivision, and Name of Company.	Where Washdirt was obtained.	Washdirt Puddled.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Washdirt was obtained, &c.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
CENTRAL DIVISION.					
Golden Gate	Ballarat East... ...	1,800 0 0	0 1 0·38	91 9 5	180 feet
New Red Jacket... ...	Cobbler's	7,800 0 0	0 1 12·81	598 3 20	250 feet
Golden Reef	Ballarat West ...	9,048 0 0	0 1 8·90	620 6 0	260 feet
New Koh-i-noor	Ballarat West ...	9,360 0 0	0 1 14·13	743 12 0	280 feet
Eastern Star	Ballarat East ...	3,016 0 0	0 1 0·46	153 14 6	150 feet
Koh-i-noor	Ballarat West ...	960 0 0	0 1 6	60 0 0	300 feet
Totals		31,984 0 0	0 1 10·02	2,267 5 7	
SOUTHERN DIVISION.					
Grant and party... ...	Break-o'-Day ...	513 0 0	0 9 2·32	233 6 16	40 feet from surface
Turner and party ...	Break-o'-Day ...	3,800 0 0	0 1 2·97	213 11 8	20 to 40 feet from surface
Totals		4,313 0 0	0 2 1·73	446 18 0	
CRESWICK DIVISION.					
Lothair	Clunes	21,583 0 0	0 1 15·46	1,774 6 0	282 feet
South Clunes	Clunes	13,790 0 0	0 2 21·26	1,990 0 0	246 feet
Totals		35,373 0 0	0 2 3·08	3,764 6 0	

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.	
BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.					
Carpender and two others...	Milkman's Flat ...	450 0 0	0 0 20·27	19 0 0	At 45 feet
Daly and five others ...	Butcher's Flat ...	2,000 0 0	0 0 3·24	13 10 0	Surface to 10 feet
Gallop and two others ...	Grievenson's Point ...	700 0 0	0 0 13·34	19 9 0	Surface to 4 feet
Loislew and two others ...	Red Hill	1,200 0 0	0 0 16·67	41 13 18	Surface to 20 feet
Croker and two others ...	Ballan Flat	200 0 0	0 1 6·21	12 11 18	At 13 feet
Ah Foon and three others...	Lower Lerderderg ...	500 0 0	0 0 9·84	10 5 0	At 6 feet
Ah Tack and five others ...	Kangaroo Flat ...	400 0 0	0 1 15	32 10 0	At 4 feet
Ah Quong and two others...	Kangaroo Flat ...	240 0 0	0 0 18·50	9 5 0	At 2 feet
Ah Tong and six others ...	Yankee Creek ...	600 0 0	0 0 22·08	27 12 0	At 4 feet
Ah Mong and three others	Red Hill	700 0 0	0 0 12	17 10 0	Surface to 4 feet
Ah Yan and four others ...	Red Hill	320 0 0	0 1 0·37	16 5 0	At 3 feet
Ah Tie and five others ...	Red Hill	510 0 0	0 0 12·71	13 10 0	At 5 feet
	Totals	7,820 0 0	0 0 14·31	233 1 12	

BEECHWORTH MINING DISTRICT.

INDIGO DIVISION.					
Sons and Doma Tribute ...	Chiltern Lead ...	6,000 0 0	0 2 4	650 0 0	280 feet
ALEXANDRA SUBDIVISION.					
New Gobur	Working Miners' Lead...	7,020 0 0	0 1 3·39	400 11 12	
Victory	Working Miners' Lead...	900 0 0	0 0 9·78	18 7 0	
Triumph	Working Miners' Lead...	37 0 0	0 4 15·57	8 12 0	
	Totals	7,957 0 0	0 1 1·79	427 10 12	

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.					
Ballarat and Bendigo ...	Huntly	1,200 0 0	0 3 14·40	216 0 0	112 to 120 feet
Annabella	Huntly	2,728 0 0	0 3 17·14	506 13 0	125 to 135 feet
Bagshot Deep Lead ...	Bagshot	2,646 0 0	0 3 0	396 18 12	160 feet
Sundry lots	Huntly	3,600 0 0	0 2 0	360 0 0	120 feet, much water
	Totals	10,174 0 0	0 2 21·80	1,479 11 12	

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.					
John Bright	Chinaman's Flat ...	5,100 0 0	0 5 2·39	1,300 8 0	
AMHERST DIVISION.					
Union—236 trucks per diem for 77 days, at 5 trucks per ton	Mount Greenock ...	3,635 0 0	0 3 0·93	552 6 0	340 feet
Tara's Hall—250 trucks per diem for 69 working days, at 5 trucks per ton	Taaffe's Paddock ...	2,464 0 0	0 2 8·96	292 8 0	40 to 60 feet
Hoffnung—90 trucks per diem for 78 working days, at 6 trucks per ton	Mount Greenock South	1,170 0 0	0 4 17·43	276 10 0	140 feet
Band of Hope—255 trucks per diem for 79 working days, at 5 trucks per ton	Cockatoo	4,029 0 0	0 0 16·20	136 0 0	100 feet
	Totals	11,298 0 0	0 2 5·41	1,257 4 0	
DUNOLLY AND TARNAGULLA DIVISIONS.					
Glamorganshire ...	Nos. 1, 2, and 9 ...	130 0 0	0 4 0	26 0 0	

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.					
Andrew Wright	Windlass Flat ...	2,400 0 0	0 0 6·50	32 10 0	10 to 12 feet
Stevens and Co.	New Year's Flat ...	2,600 0 0	0 0 6	32 10 0	15 feet
Lawson and Co.	New Year's Flat ...	5,200 0 0	0 0 4·24	46 0 0	16 feet
Clan and Co.	New Year's Flat ...	1,300 0 0	0 0 7·38	20 0 0	17 feet
Trethewey and Co. ...	New Year's Flat ...	2,600 0 0	0 0 4·80	26 0 0	18 feet
Brewer and Co.	New Year's Flat. ...	2,600 0 0	0 0 4·80	26 0 0	18 feet
Parsons and Co. ...	Horseshoe Bend ...	39,000 0 0	0 0 1·92	156 0 0	16 feet
Schate and Co.	Church's Flat...	2,600 0 0	0 0 7·20	39 0 0	16 feet
Sarjent and Co.	New Year's Flat ...	65 0 0	0 6 0	19 10 0	18 feet
Williams and Co. ...	New Year's Flat ...	2,600 0 0	0 0 4·80	26 0 0	20 feet
Vosti and Co.	German Gully ...	2,340 0 0	0 0 12	58 10 0	14 to 16 feet
Peterson and Co.	Choke-'em Flat ...	2,000 0 0	0 0 12	50 0 0	13 to 15 feet
Bruhns and Co.	Deadman's Flat ...	1,000 0 0	0 0 12	25 0 0	12 feet
Raynor and Co.	Deadman's Flat ...	1,040 0 0	0 0 15	32 10 0	12 feet
Mein's Freehold	Guildford	6,500 0 0	0 1 11·81	485 0 0	200 feet
Thomas and Co.	Bald Hill	600 0 0	0 0 12	15 0 0	40 feet
M. Stiel and Co.	Deadman's Flat ...	2,600 0 0	0 0 7·20	39 0 0	12 feet
Ellis and Co.	Horseshoe Bend ...	5,200 0 0	0 0 4·24	46 0 0	10 feet
Keyser and Co.	German Gully ...	1,300 0 0	0 0 6·09	16 10 0	10 feet
Thomas and Co.	German Gully ...	1,300 0 0	0 0 6·09	16 10 0	12 feet
Peterson and Co. ...	German Gully ...	1,200 0 0	0 0 8	20 0 0	12 feet
Emmark and Co.... ...	German Gully ...	1,200 0 0	0 0 8	20 0 0	15 feet
	Totals	87,245 0 0	0 0 6·86	1,247 10 0	
HEPBURN DIVISION.					
Warnes and party ...	Cameron's Gully ...	455 0 0	0 1 1·16	23 17 0	6 feet
Leathers and party ...	Cameron's Gully ...	274 0 0	0 1 4·29	16 3 0	6 feet
Rudge and party... ...	Table Hill	320 0 0	0 0 12·72	8 9 15	60 feet
Pierce and party... ...	Fight-'em Gully ...	213 0 0	0 0 21·82	9 14 3	20 feet
Fulcher and party ...	Blacksmith's Gully ...	318 0 0	0 0 8·83	5 17 0	33 feet
Corinella party	Deep Creek	784 0 0	0 0 17·23	28 3 0	6 feet
Righetti and party ...	Stony Creek	1,420 0 0	0 0 10·55	31 4 10	75 feet
Foletti and party ...	Stony Creek	1,350 0 0	0 0 17·44	49 1 0	8 feet
Cugley and party ...	Whitfield's Gully ...	6,000 0 0	0 0 2·88	36 0 0	30 feet
Twining and party ...	Table Hill	189 0 0	0 1 19·80	17 5 0	60 feet
Foletti and party ...	Cameron's Gully ...	875 0 0	0 0 23·39	42 13 0	6 feet
Maddern and party ...	Wombat Flat	250 0 0	0 0 21·55	11 4 12	6 feet
Clyde party	Stony Creek	148 0 0	0 1 6·32	9 7 0	55 feet
O'Grady and party ...	Wombat	447 0 0	0 0 20·24	18 17 0	3 feet
McQueen and party ...	Wombat	205 0 0	0 0 21·54	9 4 0	7 feet
Tognini and party ...	Cobbler's Gully ...	620 0 0	0 0 17·22	22 5 0	18 feet
Schneider and party ...	Shepherd's Flat ...	65 0 0	0 3 0·73	9 17 0	35 feet
Simmons and party ...	Dry Diggings	268 0 0	0 2 3·85	28 19 0	16 feet
Fairbrother and party ...	Dry Diggings... ...	338 0 0	0 1 9·74	23 15 6	16 feet
Johnston and party ...	Middleton Creek ...	328 0 0	0 2 21·14	47 5 0	6 feet
Kirkham and party ...	Dry Diggings	218 0 0	0 1 11·61	16 3 12	6 feet
Swan and party	Elevated Plains ...	189 0 0	0 1 14·50	15 3 6	11 feet
Fox and party	Argyle Gully	2,019 0 0	0 0 8·03	33 16 0	17 feet
Other Europeans ...	Various localities ...	20,000 0 0	0 0 12	500 0 0	4 to 10 feet
Chinese	Various localities ...	19,500 0 0	0 1 9·07	1,344 0 0	Shallow
	Totals	56,793 0 0	0 0 19·93	2,358 3 16	
TARRANGOWER DIVISION.					
Abram Grigg and Co. ...	Pegleg Gully	640 0 0	0 0 12	16 0 0	10 feet
Stephenson and Co. ...	Pegleg Gully	360 0 0	0 0 12	9 0 0	10 feet
Bowe and Co.	Pegleg Gully	1,420 0 0	0 0 9·26	27 7 17	14 feet
Robert Grigg and Co. ...	Porcupine Flat ...	390 0 0	0 0 17·99	14 12 10	40 feet
Knight and Co.	Porcupine Flat ...	325 0 0	0 0 11·99	8 2 10	15 feet
Coleman and Co.... ...	Porcupine Flat ...	34 0 0	0 2 0	3 8 0	12 feet
McMannaman and Co. ...	Porcupine Flat ...	1,300 0 0	0 0 6	16 5 0	Surface to 12 feet
Smith and Co.	Porcupine Flat ...	520 0 0	0 0 1·80	1 19 0	Surface to 10 feet
Grenfell and Co.	Parkins' Reef	60 0 0	0 2 0	6 0 0	20 feet
Birmingham and Co. ...	Chapman's Gully ...	140 0 0	0 0 12	3 10 0	Surface to 5 feet
Rash and Co.	Chapman's Gully ...	78 0 0	0 1 12	5 17 0	Surface
Shearer and Co.	Growler's Gully ...	120 0 0	0 0 8	2 0 0	Surface
Bradford and Co. ...	German Gully ...	80 0 0	0 0 7·20	1 4 0	Surface to 6 feet
Tremouth and Co. ...	Long Gully	240 0 0	0 0 9·60	4 16 0	Surface to 8 feet
	Totals	5,707 0 0	0 0 10·09	120 1 13	
ST. ANDREW'S DIVISION.					
Dead-eye	Warrandyte	17 0 0	0 12 15·53	10 15 0	23 feet
Pickwick	Warrandyte	12 0 0	0 6 3	3 13 12	23 feet
Young Colonial	Warrandyte	10 0 0	2 14 7·20	27 3 0	60 feet
Pigtail	Warrandyte	18 0 0	1 15 8	31 16 0	60 feet
	Totals	57 0 0	1 5 17·89	73 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.	
ARARAT MINING DISTRICT.					
RAGLAN DIVISION.					
Got-him-by-the-wool ...	Beaufort	202 0 0	0 5 0·02	50 10 5	61 feet
Toman and party	Waterloo	450 0 0	0 4 23·02	111 11 17	60 feet
New Charlton	Charlton	50 0 0	0 5 1·44	12 13 0	130 feet
	Totals	702 0 0	0 4 23·48	174 14 22	

CEMENT.

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

Division and Subdivision, and Name of Company.	Where Cement was obtained.	Cement Crushed.	Average Yield of Gold per Ton.	Total Yield of Gold.	Remarks relative to the Depth at which the Cement was obtained.
		tons cwt. qr.	oz. dwt. gr.	oz. dwt. gr.	
BALLARAT MINING DISTRICT.					
SOUTHERN DIVISION.					
McClelland	Hard Hills	70 0 0	0 8 12	29 15 0	20 feet from surface, 1 to 2 feet thick
CASTLEMAINE MINING DISTRICT.					
HEPBURN DIVISION.					
Sailor Prince	Deep Creek	125 0 0	0 4 18·62	29 17 0	320 feet
Calancino and Co. ...	Elevated Plains ...	165 0 0	0 4 2·90	34 0 0	95 feet
Oldfield	Stony Creek	475 0 0	0 2 6·87	54 6 0	6 feet
Matheson	Cameron's Gully ...	467 0 0	0 3 6·32	76 4 0	30 feet
Higgins and Co.	Yandoit	11 0 0	0 8 21·81	4 18 0	40 feet
Various parties	Franklinshire	540 0 0	0 2 23·11	80 0 0	Various
	Totals	1,783 0 0	0 3 3·18	279 5 0	
ARARAT MINING DISTRICT.					
ARARAT DIVISION.					
Maryborough	Commissioner's Hill ...	350 0 0	0 3 9·66	59 11 0	30 feet
Cement	Londonderry	615 0 0	0 4 0·07	123 1 18	70 feet
E. Backhouse	Port Fairy Road ...	43 0 0	0 2 14·23	5 11 12	8 feet
J. Kneale	Port Fairy Road ...	12 0 0	0 3 0	1 16 0	10 feet
W. Bourke	Opossum Gully ...	20 0 0	0 1 2	1 1 16	4 feet
	Totals	1,040 0 0	0 3 16·19	191 1 22	
PLEASANT CREEK DIVISION.					
Band of Hope	Deep Lead	84 0 0	1 11 7·35	131 9 18	100 feet
Hand-in-Hand	Deep Lead	450 0 0	0 12 4	273 15 0	100 feet
North and South Wales ...	Welshman's Flat, Forty-foot, and Deep Lead	1,584 0 0	0 6 9·32	505 19 14	
Belfast	Welshman's Flat ...	1,136 0 0	0 5 0·05	284 2 15	
	Totals	3,254 0 0	0 7 8·32	1,195 6 23	

NUMBER AND DISTRIBUTION OF MINERS ON THE GOLDFIELDS OF THE COLONY, FOR THE QUARTER ENDED 30TH SEPTEMBER 1874.

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

Name of Place.	No.	Total.
BALLARAT DISTRICT.		
Central Division:		
Ballarat West	550	
Ballarat East	1,050	
Ballarat North	150	
Sebastopol	530	
Cambrian Hill	200	
The Springs	65	
Little Bendigo	300	
Dead-horse	46	
Sago Hill	25	
		2,916
Southern Division.		
Long Gully	8	
Staffordshire Reef	69	
Italian Gully	25	
Splitters' Gully	14	
Kangaroo	8	
Moonlight	16	
Bulldog	100	
Rokewood Junction	61	
Mount Misery Creek	320	
Jackson's Gully	10	
Yankee Hill	15	
Grassy Gully	37	
Spring Creek	14	
Sawpit Gully	24	
Whim Holes	30	
Hard Hills	32	
Frenchman's	30	
Pinchgut	66	
Break-o'-Day	90	
Western Creek	80	
		1,049
Buninyong Division:		
Durham and tributaries	180	
Green Hills and Devonshire	30	
Scotchman's and Hard Hills	65	
Buninyong and Buninyong Estate	220	
Hiscock's Reef	60	
Winter's Flat and Cobbler's	100	
One-eye and Spring Hill	30	
Black Lead	40	
Napoleon, Kitty's Ranges, and Gympie	200	
Prospecting and isolated parties	60	
		985
Smythesdale Division:		
Smythesdale	200	
Scarsdale and Newtown	300	
Cape Clear	15	
Brown's	60	
Italian Gully	30	
Derwent Jack's	25	
Piggoreet	70	
Bottle Hill	80	
Snake Valley	60	
Happy Valley and Lucky Woman's	110	
Haddon	380	
Golden Lake	90	
Madden's Flat	10	
Linton's	180	
Monkey Gully	15	
Moonlight Creek	12	
		1,637
Creswick Division:		
Creswick	20	
Clunes	900	
Springhill	500	
Broomfield Gully	10	
Red Streak	300	
Union Hill	20	
Longpoint	20	
Diamond Gully	15	
Cobbler's Gully	15	
Bald Hills	10	
Sulky Gully	10	
Slaty Creek	40	
Mopoke	30	
Carried forward		6,587

Name of Place.	No.	Total.
Brought forward		6,587
Creswick Division—continued.		
Humbug Hill	20	
Portuguese Flat	20	
Back Creek	10	
Bullarook	30	
		1,970
Gordon Subdivision:		
Egerton	139	
Gordon	52	
Moorabool	11	
		202
Steiglitz Subdivision:		
Steiglitz	120	
Morrison's	130	
Dolly's Creek	40	
Elaine	175	
Mount Doran	85	
Little Forest	20	
		570
Blackwood Division and Blue Mountain South Subdivision:		
Golden Point	150	
Red Hill	70	
Barry's Reef and Split-tree	360	
Yankee Reef and Creek	60	
Simmons' Reef and Back Creek	70	
Sebastopol and Lower Lerderderg	120	
Blakeville	40	
Snake Gully	14	
Goodman's Creek	20	
Ballan Flat	40	
Johnston's Reef	16	
Garibaldi and vicinity	30	
Wright's Reef	40	
Bacchus Marsh and vicinity	40	
		1,070
Ballan Subdivision:		
Blakeville	20	
		20
Total for Ballarat District		10,419
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.	74	
Myrtleford, &c.	80	
Wooragee, &c.	130	
Reid's Creek	38	
Woolshed	190	
Sebastopol	133	
Eldorado	420	
Stanley and neighborhood	410	
		2,058
Yackandandah Division:		
Clear Creek	75	
Bruarong	30	
Kirby's Flat	75	
Rowdy Flat	45	
Osborne's Flat	60	
Allan's Flat	10	
Staghorn Flat	26	
Twist's Creek	100	
Muddy Creek	50	
Hillsborough	63	
Sandy Creek	100	
Township	80	
Hayes' Point	25	
		739
Carried forward		2,797

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

Name of Place.	No.	Total.
Brought forward	...	2,797
Indigo Division:		
Chiltern and New Ballarat Leads ...	144	
Suffolk Lead	8	
Indigo Lead	230	
Glencoe Lead	15	
Durham Lead	27	
Lancashire Lead	4	
New Hibernian	4	
All England Lead	16	
Caledonian	12	
Clydesdale	12	
Wahgunyah	10	
Hibernian...	3	
Lanarkshire	6	
Various Quartz Reefs	61	
		552
Buckland Division:		
Harrietville	107	
Harrietville to Bright	454	
Bright to Boundary	224	
Running Creek	80	
Morse's and Growler's Creeks ...	300	
Buckland branches	167	
Upper to Lower Bridge	236	
Lower Bridge to Ovens Junction ...	177	
		1,745
Alexandra Subdivision:		
Alexandra and vicinity	50	
Godfrey's Creek	120	
Devil's River and tributaries ...	10	
Johnson's Creek and tributaries ...	5	
Garibaldi Gully and vicinity ...	10	
Head of U T Creek	8	
Goulburn River	10	
Doojalook	4	
Spring Creek and tributaries ...	25	
Higinbotham	4	
Merton and vicinity	6	
Tea-tree Creek and vicinity ...	20	
Scattered prospectors	25	
Acheron River	15	
Maindample and Doon	10	
		322
Dry Creek Subdivision:		
Brankeet Creek	10	
Dry Creek	125	
Hell's Hole	30	
		165
Gaffney's Creek Subdivision:		
Goulburn River	12	
Gaffney's Creek	50	
Cannon's Creek	40	
Raspberry Creek and branches ...	30	
Lyrebird Creek	4	
Wallaby Reef	12	
Eldorado	4	
Moving population	8	
Moonlight and Snakes' Creeks ...	8	
		168
Wood's Point Subdivision:		
Wood's Point and Morning Star ...	100	
Lower Goulburn	30	
Right and left branches	45	
Gooley's Creek, &c.	12	
Harper's and Pheasant Creeks ...	12	
Perkins' Creek and Waverley ...	10	
All Nations, &c.	30	
Black River	12	
Moving population	5	
Maori Creek	4	
Never-mind Spur	6	
		266
Big River Subdivision:		
Frenchman's Creek	6	
Warner's Creek	14	
Enoch's Point	6	
Railway Creek	24	
Jim Thomas' Creek	4	
Big River North	50	
Goulburn River	6	
Fry's Creek	6	
Jerusalem and Wilson's Creeks ...	2	
Moving population	6	
		124
Carried forward	...	6,139

Name of Place.	No.	Total.
Brought forward	...	6,139
Mitta-mitta Division:		
Lightning Creek	38	
Granite Flat	44	
Mitta-mitta River	30	
Junction, Snowy Creek	40	
		152
Jamieson Subdivision:		
Howqua River and tributaries ...	15	
Goulburn from Howqua to Jamieson	80	
Mack's Creek	50	
Goulburn from Jamieson to Swampy Creek	70	
Sailor Bill's Creek...	100	
Flume Creek	40	
Baker's Creek	15	
		370
Total for Beechworth District... ...		6,661
SANDHURST DISTRICT.		
Sandhurst Division:		
Back Creek and Spring Gully ...	140	
Sheepshead and Golden Gully ...	390	
Golden Square and Kangaroo Flat ...	510	
Crusoe Gully and neighborhood ...	80	
Marong and Bullock Creek ...	120	
Victoria and New-chum Reefs ...	550	
Long, Maiden, and Derwent Gullies ...	500	
Ironbark	480	
Bendigo Flat	510	
White Hills and Epsom	110	
Huntly	280	
Sydney Flat and Whipstick ...	200	
Specimen Hill and Sailor's Gully ...	320	
Devonshire and Dead-horse Gullies ...	260	
Windmill Hill and California Gully ...	460	
Eaglehawk Gully and Flat	310	
Snob's Hill and Pegleg Gully ...	340	
Raywood	80	
Elysian Flat	50	
Sebastian...	50	
Kamarooka	80	
Scattered and prospecting	400	
		6,220
Kilmore Division:		
Reedy Creek	70	
Sunday Creek	8	
		78
Heathcote Division and Waranga South Subdivision:		
Graytown	30	
Redcastle	110	
Heathcote	150	
Costerfield	105	
Tooborac	30	
Kimbolton and Campaspe	30	
Coliban and Myrtle Creek	60	
Wild-duck	37	
One-eyed Gully	80	
		632
Waranga North Subdivision:		
Rushworth	103	
Whroo	50	
Coy's and Cherry-tree	35	
Fontainebleau and White Hills ...	90	
		278
Total for Sandhurst District ...	...	7,208
MARYBOROUGH DISTRICT.		
Maryborough Division:		
Alma	400	
Waterloo	40	
Inkerman...	60	
Moonlight Flat	50	
Adelaide Lead	150	
Golden Point	100	
Craigie	150	
Four-mile Flat	150	
Carisbrook	400	
Mosquito	200	
Blucher's	200	
Mariner's Reef	50	
Newtown	150	
Havelock	150	
Lucknow	50	
Chinaman's	600	
Blackman's Lead	50	
Maryborough	250	
		3,200
Carried forward	...	3,200

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

Name of Place.	No.	Total.
Brought forward		3,200
Majorca Subdivision:		
Majorca	22	
England's Hill	8	
Rocky Flat	62	
Gibraltar	4	
McCallum's Creek	8	
German Gully	5	
Finch's Reef	2	
		111
Amherst Division:		
About Talbot	60	
Scandinavian Lead	24	
Mount Greenock	80	
Nuggety and Long Gullies	40	
Kangaroo Flat and Gully	26	
Mia-mia and tributaries	18	
Daisy Hill and tributaries	100	
Adelaide Lead South	109	
Blacksmith's Gully	20	
Emu and Cockatoo	88	
Brown's Gully, near Lexton ...	16	
		581
Avoca Subdivision:		
Amphitheatre	50	
Avoca Lead	206	
Green Hill Creek	45	
Percydale	464	
Homebush	90	
Lamplough	130	
Monte Christo	6	
Mountain Hut	30	
No. 1 Creek	46	
No. 2 Creek	291	
Kimberley and Sardine	150	
Donkey Hill	37	
Vale's Hill, &c.	10	
Mosquito, &c.	12	
Middle Creek, &c.	200	
		1,767
Dunolly and Tarnagulla Divisions:		
Dunolly	200	
Burnt Creek	60	
Goldsborough	70	
Inkerman	45	
Moliagul	120	
Bealiba	150	
Murphy's Flat	15	
Jones' Creek	110	
Tarnagulla	130	
Half-way	25	
Llanelly	120	
		1,045
Korong Division:		
Jericho	30	
Jordan	20	
Berlin	400	
Kingower	50	
McIntyre's	30	
Sinnott's	40	
Burke's Flat	100	
New Inglewood	150	
Garibaldi	40	
Avoca Forest	500	
		1,360
Redbank and St. Arnaud South Subdivisions:		
Stuartmill	58	
Redbank	40	
Gullies between Stuartmill and Redbank	35	
Fowler's Lead	60	
Hinds	50	
Moonambel, &c.	50	
Sandy Creek	10	
Canterbury	7	
Darling Flat	12	
		322
St. Arnaud North Subdivision:		
New Bendigo	62	
St. Arnaud	130	
Stuartmill	14	
Silver Mines and neighborhood ...	40	
Rostron's and Wattle Flat	12	
Emu, &c.	20	
Carapooce	12	
Carried forward	...	8,386

Name of Place.	No.	Total.
Brought forward	...	8,386
St. Arnaud North Subdivision—continued.		
Bell Rock, &c.	16	
Blink Bonnie	10	
Duchess of Edinburgh	18	
Queen Mary	2	
Jerejaw, &c.	4	
		340
Total for Maryborough District ...	...	8,726
CASTLEMAINE DISTRICT.		
Castlemaine Division:		
Eureka Reef	71	
Guildford	154	
Bolivia Reef	27	
Campbell's Creek	149	
Sailor's Gully, &c.	42	
Castlemaine	122	
Caledonia Reef	69	
Barker's Creek	163	
Volunteer Reef	57	
Myrtle Creek	60	
Moonlight Flat	121	
Chewton	230	
Wattle Gully	77	
Golden Point	106	
Diamond Gully	101	
		1,549
Fryer's Creek Division:		
Golden Gully to Fryerstown ...	280	
Spring Gully and Specimen Hill ...	170	
Church's Flat to Vaughan	220	
Butcher's and Kangaroo Hills ...	80	
German and Mopoke Gullies ...	144	
Loddon: Vaughan to Pennyweight ...	100	
Table Hill and Tarilta	110	
Guildford Hills	245	
Loddon: Vaughan to Holcombe ...	250	
Nuggety Gully and Irishtown ...	120	
Green and Sailor's Gullies	68	
Pickpocket and Hard Hills	50	
Strathloddon and Hit-or-Miss ...	198	
		2,035
Hepburn Division:		
Dry Diggings Section	83	
Yandoit Section	167	
Boots Gully Section	82	
Italian Gully Section	118	
Spring Creek Section	119	
Doctor's Gully Section	121	
Brandy-hot Section	44	
Deep Creek Section	142	
Blind Creek Section	94	
Stony Creek Section	128	
Wombat Creek Section	177	
Daylesford Section	394	
Connel's Gully Section	95	
		1,764
Taradale and Kyneton Subdivision:		
Taradale	245	
Redesdale	16	
Yankee Point	18	
Malmsbury	40	
Coliban North	23	
Belltopper	45	
Lauriston	76	
Scattered	12	
		475
Tarrangower Division:		
Beehive Hill	76	
Eaglehawk and Pegleg Gully ...	320	
Long Gully	68	
Porcupine Flat	49	
Fiddler's Flat	3	
Mount Tarrangower	42	
Sandy Creek	150	
Nuggety	39	
Mia-mia	8	
Green Valley	36	
Muckleford	53	
Smith's Reef	8	
Clydesdale	25	
River Loddon	31	
Sandon	6	
		914
Carried forward	...	6,737

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

Name of Place.	No.	Total.
Brought forward	...	6,737
St. Andrew's Division:		
Anderson's Creek	90	
Long Gully	6	
Fern-tree	5	
Smith's Gully	27	
Yow-yow	9	
Wild-dog	11	
Diamond Creek	27	
Walsh Creek	14	
Warburton	30	
Back Creek	16	
Cherry-tree and Watery Gullies ...	9	
Black Calf	12	
Hoddle's Creek	27	
McMahon's Creek	10	
Reefton	31	
Queenstown	20	
Kingstown	9	
One-tree Hill	12	
		365
Blue Mountain North Subdivision:		
Trentham	4	
Newbury	15	
Garlick's	21	
		40
Total for Castlemaine District		7,142
ARARAT DISTRICT.		
Ararat Division:		
Ararat Proper	180	
Armstrong's	160	
Philip's Flat and Cathcart	80	
Rhymney Reef and Shea's Flat ...	50	
Opossum Gully and Port Curtis ...	135	
Moyston and Londonderry	60	
		665
Pleasant Creek Division:		
Silver Shilling	23	
Deep Lead, Forty-foot, and Welshman's Flat	385	
Great Western	42	
Stawell	1,130	
Seventy-foot	45	
Germania	68	
Welcome	87	
Darlington	30	
Ironbark	28	
		1,838
Barkly Division:		
Landsborough	226	
Barkly	250	
Frenchman's	20	
Glenpatrick	120	
		616
Raglan Division:		
Beaufort and surrounding gullies ...	150	
Sailor's Gully	38	
Charlton	90	
Waterloo	90	
		368
Total for Ararat District		3,487
GIPPSLAND DISTRICT.		
Omeo Subdivision:		
Livingstone Creek	140	
Mitta-mitta River, from Cobungra to Wombat Creek	35	
Wombat Creek	40	
Gibbo River	35	
Swift's Creek	230	
River Tambo	30	
		510
Carried forward	...	510

Name of Place.	No.	Total.
Brought forward	...	510
Mitchell River and Boggy Creek Subdivisions:		
Nicholson and Tambo Rivers ...	114	
Boggy Creek	137	
Merrijig Creek	30	
Sandy's Creek	54	
		335
Crooked River Division:		
Grant	11	
Wongungarra	10	
Crooked River	65	
Jungle Creek	28	
Twelve-mile Creek...	6	
Twenty-five-mile Creek	15	
Thirty-mile Creek	8	
Wentworth	37	
Upper Dargo	35	
Middle Dargo	30	
Lower Dargo	26	
Upper Mitchell	22	
Good Hope	19	
Good Luck Creek	14	
		326
Jericho Division:		
Dry Creek	22	
Defiance Creek	4	
Mount Look Out	16	
Jordan	62	
Red Jacket Creek	54	
B B Creek	45	
Thomson River	20	
		223
Donnelly's Creek Division:		
Donnelly's Creek	63	
Aberfeldy and Fulton's	56	
Freestone Creek	42	
Gladstone	9	
		170
Stringer's Creek Division:		
Walhalla	450	
Pearson Town	10	
Aberfeldy	117	
Thomson River	30	
		607
Russell's Creek Division:		
Lower Tanjil	80	
Russell's Creek and Upper Tanjil ...	25	
Crossover and Tarwin	20	
		125
Bendoc Subdivision:		
Bendoc	10	
Lower Bendoc	10	
Bonang	20	
Delegate River	16	
Cobyingbar	12	
Prospecting	10	
		78
Tarwin Subdivision:		
Stockyard Creek	180	
Turton's Creek	20	
		200
Traralgon Subdivision:		
Morewell	4	
Naracan	4	
Traralgon Creek	2	
Bennett's Creek	2	
Flinn's Creek	3	
Tyers River	7	
		22
Total for Gippsland District		2,596
GRAND TOTAL		46,239

Office of Mines,
Melbourne, 15th October 1874.

R. BROUGH SMYTH,
Secretary for Mines.

PLAN & SECTION

OF PRESENT WORKINGS

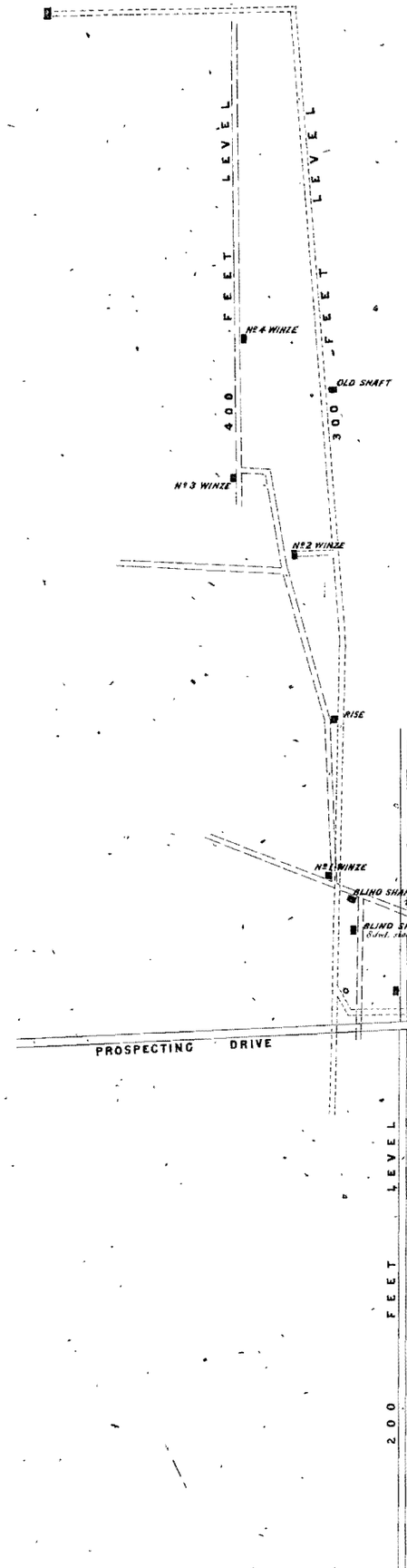
OF THE

LLANBERRIS Q. M. Co.

GUM TREE FLAT

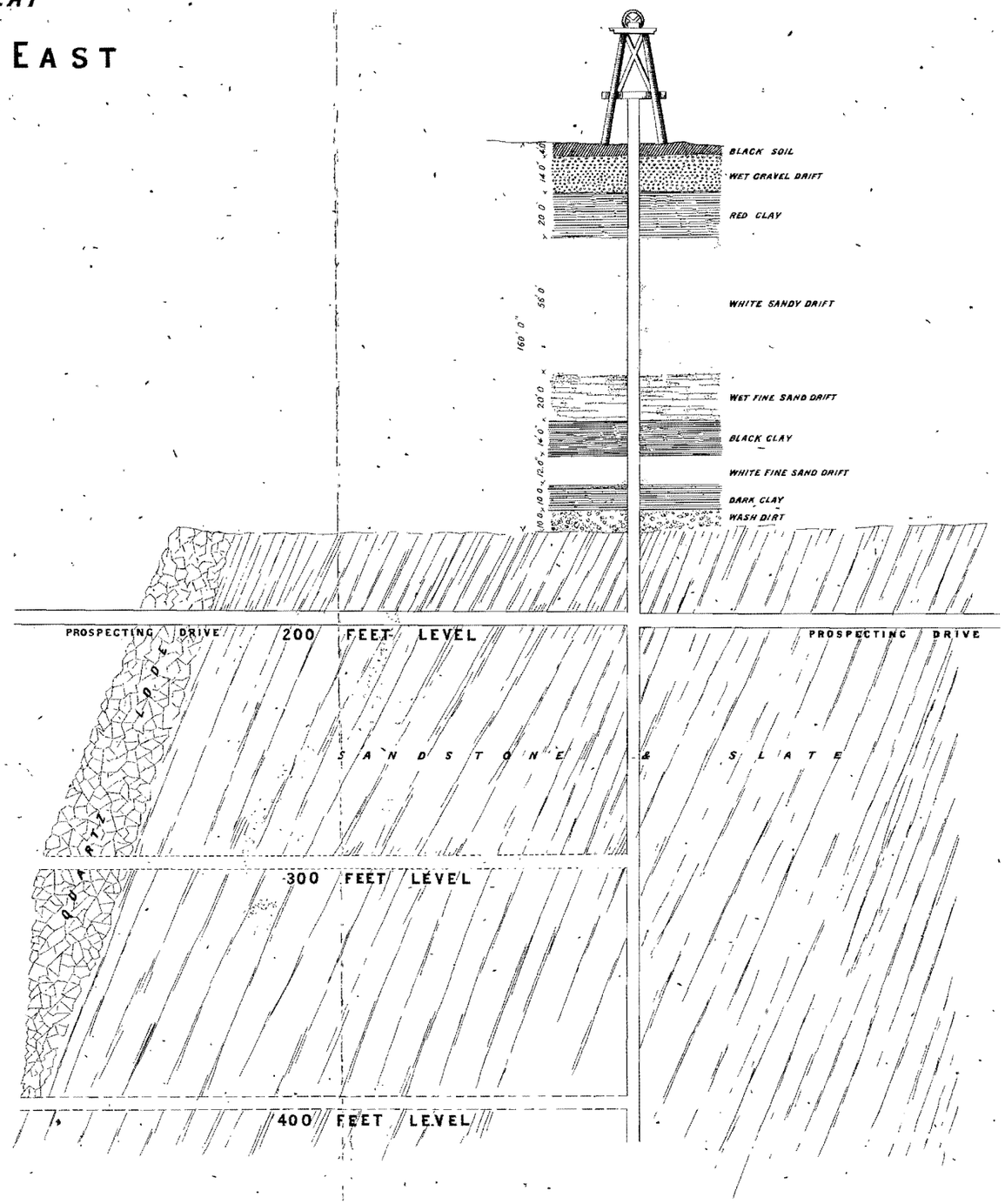
BALLAARAT EAST

Registered 5th Augst 1858



Scale of Feet.

100 50 0 100 200 feet.



Scale, 60 feet to an inch.

MINING SURVEYORS AND REGISTRARS' REPORTS.

BALLARAT MINING DISTRICT.

CENTRAL DIVISION.

Mr. D. Christy, Mining Registrar.

The most noticeable feature during the quarter is the steady progress made in quartz mining, as is shown from the fact that from this branch of mining there is a produce of 1105 ozs. of gold *in excess* of the previous quarter. It is only of recent date that much interest has been taken in this branch of mining at Ballarat; but recent success at deeper levels has attracted much attention to our quartz veins, and the consequence is that new veins have been found, old ones have been re-opened, and the erection of new batteries is in operation; so that it may be reasonably hoped a great increase of profitable employment will result.

GOLD obtained from the principal Alluvial Mines for the Quarter ending 30th September 1874.

	oz.	dwt.	gr.		oz.	dwt.	gr.
Eastern Star	153	14	6	Golden Gate	91	9	5
Saints	226	0	0	Horse-puddling machines ...	1,000	0	0
Koh-i-noor	60	0	0	Ground sluices	400	0	0
Leviathan	643	18	0	Fossickers	1,200	0	0
New Koh-i-noor	743	12	0	Small co-operative parties ...	400	0	0
Golden Reef	620	6	0	Two claims at Sebastopol ...	745	19	6
Band and Albion Consols... ...	1,950	0	0				
New Red Jacket	598	3	20	Total	10,722	2	4
Prince of Wales	1,888	19	15				

DIVIDENDS.

	£	s.	d.
Temperance	2,240	0	0
Endeavor	350	15	0
Llanberris	950	0	0
Total	3,540	15	0

SOUTHERN DIVISION.

Mr. George Perry, Mining Registrar.

QUARTZ MINING.

Considerable improvement has taken place in mining affairs at Staffordshire Reef during the past quarter. The Speedwell Tributers (a party of fourteen men), on the 27th July, struck some excellent stone at the depth of 130 feet, from 670 tons of which they obtained 287 ozs. 18 dwts., which gave them a dividend of £61 per man for eight (8) weeks work. The lode is well defined, averaging 7 feet wide, and there is every prospect of a long continuance of good dividends, which they well deserve for their untiring energy and perseverance under very adverse circumstances for some time past.

The Hopewell Tributers have done fairly during the quarter, averaging £2 16s. per week per man.

The Hopewell Company have completed the erection of their fine winding plant, and are now engaged cleaning out and repairing an old shaft which had been sunk to the depth of 370 feet. They purpose sinking still deeper before opening out.

Frenchman's.—The Hope Company (Amalgamated) have driven their tunnel 295 feet. They went through two gold bearing lodes at 270 and 275 feet respectively. The latter is supposed to be the one they were looking for, in which they are driving a level north for the twofold purpose of prospecting and draining; width of lode 2 feet, stone looking well. The lode at the 270 feet, 2 feet 9 inches wide, showing good gold.

Grassy Gully.—The Somerset and Cornish Company have sunk a shaft 90 feet, and driven 30 feet, but have not yet met with anything payable. They are now sinking in another part of their claim; present depth of shaft, 35 feet.

ALLUVIAL.

In this branch of mining I have nothing special to report.

Break-o'-Day.—Grant and party are still getting excellent returns; depth of sinking 40 feet; 2 feet to 3 feet of wash-dirt, averaging 9 dwts. 2·32 grs. to the load. Turner and party have not done so well this quarter.

At Grassy Gully a small rush took place in July, but nothing worthy of note has been found.

At McMullen's Bridge, near Rokewood, the Western Creek Junction old claim has recently been taken up by Rutherford and party, who are very sanguine as to the result. Good gold is stated to have been left by the former company, in consequence of inefficient machinery; depth of sinking, 112 feet.

Hard Hills.—Mr. McClelland crushed for the quarter 70 tons of cement, from which he obtained 29 ozs. 15 dwts., or an average of 8 dwts. 12 grs. per ton.

Other parts of the division very little doing.

BUNINYONG DIVISION.

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

Alluvial Mining.

The yield of gold from alluvial mining during the quarter shows little change; and there is no new discovery to record. The South Durham Lead has, however, again been struck, and a very excellent prospect obtained. A small steam-engine was erected, but the workings were lost, and a new shaft has had to be sunk; the gutter appears to be a distinct one from that formerly worked. The Perseverance Company, on the Durham Lead, obtained 784 ozs. 10 dwts. for the quarter, about their average yield, and one which should be sufficient to induce mining operations on the unworked portions of this the most probable outlet of the Buninyong and Ballarat main leads, and which lies undisturbed for miles to the south of the Perseverance mine.

Quartz Mining.

In this branch of mining the yield is about the average, 515 ozs. 10 dwts. having been won from 3495 tons of quartz, or a fraction under 3 dwts. to the ton. I anticipate a much larger quantity of quartz will now be crushed, as the One and All Company have found their payable lode at a greater depth, and steady crushing is about being resumed at the New Homeward Bound mine. The Mount Helen and Devonshire Reefs have again been taken up, and active operations commenced at the former; both of these reefs will pay for working, and will afford work for a large number of miners. One of Denny's patent pulverizers is about to be erected at Hiscock's, with a view of operating on the large heaps of tailings in that locality.

SMYTHESDALE DIVISION.

Mr. John Lynch, Mining Surveyor and Registrar.

The aggregate yield of gold for the quarter has reached the usual average, being 12,697 ozs. 19 dwts. 1 gr.

Whilst complaints are heard on all sides of the decadence of the mines in this division, the quarterly returns come in and show that there is as yet no real cause for despondency, seeing that no material falling off has taken place in the collective returns of the whole division. It is true that many of our principal mines are worked out, and that others along the Main Trunk Lead are approaching the final stages of exhaustion, but it is equally certain that, with better facilities for expediting work in the Haddon mines, and the probability there is of remunerative workings being opened up in the southern portion of the district, the equilibrium of averages will be, for a long time to come, maintained. The chief centre of operations is, at present, Haddon, and here there is an extensive tract of unexplored country which, for auriferous indications, cannot be excelled. At Happy Valley and Carngham the shallow patches afford a living to the poorer classes of miners located there; but in both places the deep lead returns have manifestly declined. Linton's contributes a fair proportion from the "deep leads," but the shallow ground is well nigh exhausted. Hill-sluicing has been prosecuted with fair success; but quartz mining is in a more languishing condition than ever. The following mines, which are the principal ones in the division, have produced as follow:—

	oz.	dwt.	gr.		oz.	dwt.	gr.
Reform, Haddon	2,575	4	0	Grand Trunk, Piggoreet ...	623	0	0
Golden Lake, Golden Lake ...	1,131	15	0	Racecourse, Haddon	599	0	0
Eldorado, Smythesdale	852	0	0				

CRESWICK DIVISION.

Mr. James Stevenson, Mining Surveyor and Registrar.

I have the honor to report that only two mines in this division, viz., the Port Phillip Company and the New North Clunes Company, are now at work in quartz; the average yield has slightly decreased, being about 9 grs. per ton less for the present quarter.

The alluvial mines are still doing well; amongst them must be included the South Clunes and Lothair Companies, both of which are at present working only the alluvial portions of their claims. At Springhill some claims, viz., the North-west, the Sovereign, and Gostelows, are worked out or abandoned; but Robinson's and Hawkins' have to be added as gold-producing mines. A good deal of alluvial gold has been obtained from sluicing; one Chinese party, whilst sluicing in Mosquito Gully, near Springhill, washed out a 96 oz. nugget.* The yield from the principal alluvial mines is as follows, viz.:—

	oz.	dwt.	gr.		oz.	dwt.	gr.
South Clunes Company	1,990	0	0	Wrigley and party	587	14	0
Lothair Company	1,774	6	0	Richardson's Junction Company ...	144	15	0
Australasian Company	1,061	3	0	Armagh Alluvial Company ...	323	17	8
Key Company	636	18	0	Hawkins' Freehold Company ...	661	4	21
Lewers' Freehold Company ...	2,988	2	0	Other alluvial mines (approximately)	2,176	7	13
Grey's Freehold Company ...	582	7	0				
Western Lewers' Company ...	952	18	9		14,085	3	21
Robinson's Freehold Company ...	205	10	18				

The following sums have been paid in dividends and royalty during the quarter:—

	£	s.	d.		£	s.	d.
New North Clunes Company ...	10,280	0	0	Richardson's Junction Company ...	58	0	0
Lewers' Freehold Company ...	9,402	9	0	Wrigley and party	969	8	0
Grey's Freehold Company ...	1,578	12	0	Key Company	110	0	0
Western Lewers' Company ...	1,014	2	0				
Hawkins' Freehold Company ...	673	9	0		£24,170	15	0
Robinson's Freehold Company ...	84	15	0				

* A *fac simile* of this nugget is in the collection of the department.

GORDON SUBDIVISION.

Mr. Thomas Cowan, Mining Surveyor and Registrar.

Alluvial Mining.

There has been no mining of any importance carried on under this branch during the quarter. Only a few fossickers have been working in the old alluvial gullies.

Quartz Mining.

The New Black Horse Company have crushed no quartz during the quarter, but have been engaged in prospecting the mine. The No. 8 level (826 feet in depth) has been driven 145 feet to the east, making the total distance 315 feet. At a distance of 218 feet from the shaft the drive cut a large lode, considerably broken up, and measuring about 60 feet in width; but it was not payable. They have driven north in the west part of this lode about 50 feet, and the quartz seems to improve, but is not yet payable. They are also driving to the west for the purpose of prospecting the ground in this level. The No. 3 level, about 390 feet in depth, has been driven 312 feet during the quarter, and is now 409 feet in length. Several small leaders have been passed through in this drive, but nothing definite has been struck as yet; it is supposed that this drive will cut the Rose lode, from which the Egerton Company are making such good returns. This company have shown great perseverance in prospecting their mine since its commencement, without any very encouraging results.

The Egerton Company are still sinking their No. 1 shaft deeper. No mining operations have been carried on at the No. 2 shaft during the quarter. The number of men employed is 90.

South Learmonth and Egerton Amalgamated Company are still actively engaged in prospecting their mine at the 250 and 310-feet levels, but have not as yet met with any lodes of a payable nature. The number of men employed is 9.

The Parker's Extended Company, Gordon, have been prospecting at the 300-feet level during the quarter along the wall of the lode, cross-cutting at intervals of 30 feet, for a distance of 300 feet, but the stone is very poor. At the 400-feet level an eastern cross-cut is being driven, with expectations of cutting a lode. In the south part of the mine a lode about 18 inches to 3 feet in width is being worked on tribute, from a depth of 180 to 260 feet. There is a lode of from 6 to 10 feet in width at the 400-feet level, but it is not considered payable.

North Parker's Company.—The lode in this mine has been traced from the surface to the 50-feet level, then by a winze to 100 feet, and by a second winze to 160-feet level. The lode at 160 feet is 14 feet wide, but only about 6 feet of the lode is now being worked. A parcel of 48 tons of stone taken from the lowest level yielded an average of over 4 ozs. to the ton. The company employ 15 men.

The Lucky Hit Co-operative Company, Moorabool, have crushed 150 tons of quartz during the quarter, yielding 20 ozs. 9 dwts. The number of men employed is 8.

STEIGLITZ SUBDIVISION.

Mr. O. W. Collins, Mining Registrar.

On Steiglitz, mining matters have slightly improved during the past quarter.

From the Electric Reef (for some years unworked) a crushing of 20 tons yielded 76 ozs. The stone was got at a depth of about 90 feet; and the vein still appears to be equally rich.

On the Albion Companies Claim, operations have been suspended in the old workings, and some distance north of the main shaft a new one has been sunk to the depth of 250 feet, from which 8 tons of quartz was obtained, yielding 41 ozs. of gold. The vein looks well, is of good average thickness (12 inches), and the country easily worked.

The Britannia Company have struck very rich stone. This claim has been unworked for some months, but from its present appearance promises to be one of the best on Steiglitz.

On Elaine the average yield is good. The Minerva Company have not raised or crushed any stone during the past quarter, having been engaged erecting machinery, but they expect to have some large crushings during the present quarter.

BLACKWOOD DIVISION AND BLUE MOUNTAIN SOUTH SUBDIVISION.

Mr. John F. Hansen, Mining Registrar.

A decided improvement in the prospects of several mines in the district has taken place. The total yield of gold from quartz exceeds that of the previous quarter by nearly 1,600 ozs., but the average yield per ton has been less by nearly 4 dwts.; this, however, is solely attributable to the low yields from large quantities of stuff from mines worked by tunnels with a direct connection with batteries worked by water-power. As cases in point, I would refer to the Big Hill Company, which crushed 2,600 tons, with an average yield of 13·29 grains of gold per ton; and the Imperial Company, which crushed 2,100 tons, with an average yield of 21·99 grains. Notwithstanding that the yields have been so poor, Mr. Rogers, who is the owner of both the mines referred to, informs me that the returns of the Imperial mine have not only paid expenses but left a fair margin of profit. The yields of the Big Hill mine, however, have been too low this season to cover working expenses.

The Sultan Company's mine is now thoroughly opened out, which enables the company to keep the large battery going. Good payable stone is obtained from the 400 and 500-foot levels, both north and south on the intermediate lode, and from all appearance the heavy expenses incurred in the erection of their splendid new machinery will be shortly wiped off, and dividends at no distant period may again be looked forward to.

Mounter Bros. have cut their rich shoot of gold at a depth of 236 feet, the quartz looks equally as rich as did at the 168-foot level, and the gold is of a coarser description.

The North Sultan Company have raised about 300 tons of quartz from a lode 3 feet in width, with gold visible in the stone. The lode known as the Pioneer lode has been broken into at the 200-foot level, carrying gold which will pay well, and a cross-cut is now being carried on at the 275-foot level to intersect the same.

The prospects of the Albion Company's mine, on the Lucky-Hit line of reef, has suddenly brightened up. A trial crushing of 19 tons from the 30-foot level gave a yield of 1 oz. 6 dwts. per ton, and I have just been informed that the same shoot has been cut at the 120-foot level with equally good prospects.

Water.—Average quantity of water sold:—Two sluice-heads at 6s. 6d. per sluice-head; and four sluice-heads at 15s. per sluice-head per week.

BALLAN SUBDIVISION.

Mr. G. P. Black, Mining Registrar.

Mining in this subdivision is still in a very depressed state. Outside Ashton's Claim everything is at a standstill. During the past quarter, Ashton's crushed only 40 tons quartz, which averaged 1 oz. 3 grs.

BEECHWORTH MINING DISTRICT.

BEECHWORTH DIVISION.

Mr. Alexander Alderdice, Mining Registrar.

The past quarter has been most favorable to the sluicers in this division, a great quantity of rain having fallen; but as yet not much gold has come into the hands of buyers, very few of the large sluicing companies having washed up.

There is a proposal on foot here having for its object the purchase of all the sluicing claims on Spring Creek, and working them by means of a tunnel cut to such a depth as that the ground may be easily washed to the bed-rock without the use of manual labor in picking and shoveling. The scheme is looked upon by practical miners as very feasible, and if carried out with economy will prove the most remunerative enterprise in the colony, the ground now paying the present holders well, although worked at great disadvantage. It is proposed to cut the tunnel with the Burleigh boring machine; its length will be about 2000 feet, and it will pass under the town of Beechworth at such a depth as not to interfere with the buildings, &c.

There has been considerable improvement in quartz mining during the quarter, several of the claims turning out very rich stone; prominently the Homeward-bound Reef at Rocky Point, the last crushing from which gave an average of 1 oz. 15 dwts. per ton for 155 tons, and this from the depth of 440 feet. This claim lay idle for a number of years, having been abandoned as not payable; but since it was taken up by the present owners, Messrs. Bigelow and Co., very handsome returns have been obtained. It is a great pity that enterprise does not lead to more of the old reefs being worked to greater depths, as it is the opinion of miners here that they would give payable results.

The Dublin Reef Company, Stony Creek, have had a trial crushing of 50 tons, which turned out well—viz., 2 ozs. 2 dwts. per ton. They have got out besides about 200 tons, which looks as well as that crushed; but it is not probable they will crush any more until a mill is erected at Stony Creek.

The Juvenile Reef, also at Stony Creek, is looking even better than the Dublin, but no crushing has yet been done, although a considerable quantity of stone has been raised. The want of a mill at Stony Creek is severely felt, as many reefs have been left as not payable, in consequence of the charge for carriage to the mills at Myrtleford, a distance of eight miles.

Since last report a very rich reef has been found in the vicinity of the Waterloo at Barwidgee. It is called the Agamemnon, and is about 18 inches wide. The stone in many places, when broken, shows nearly as much gold as stone. It has been sunk on to the depth of 50 feet, and still looks well. The stone is now being carted to the mill.

The Reform Company, at Myrtleford, have come on to a patch of good stone at the depth of 200 feet, 1 oz. 6 dwts. being the average for the last crushing. This reef—the longest worked in the division—is still paying well.

Very little is being done at the Buffalo Reefs, most of them being unworkable during the winter months, in consequence of excessive drainage. A small parcel from Power's Reef gave 2¼ ozs. per ton. When the weather takes up, the stone now raised will be sent to the mill. The reefs in this vicinity are generally of a "patchy" nature, and giving very good returns occasionally; but at other times being so poor that the stone will barely pay for raising.

At Stanley, McLeod's Carnival Reef is still paying well, a small crushing of 44 tons giving 2 ozs. 6 dwts. per ton. It is the deepest reef in the locality, and since its discovery it has both lengthened and widened—circumstances which induces the owner to believe that the reef will continue payable to a great depth. He is about to put up machinery to drain the reef.

YACKANDANDAH DIVISION.

Mr. Peter Wright, Mining Surveyor and Registrar.

Alluvial mining proceeds very much as usual, some claims paying a little better, others a little worse; the average being about the same as for years past, and somewhat lower than the current rate of wages, which is 7s. 6d. per day.

In quartz mining there are only three claims that are worth special mention. James Magill has had a crushing from his Von Moltke Reef, which yielded nearly 5 ozs. per ton. The yield from this claim has averaged about 5 ozs. from the grass to 160 feet. A tunnel has been driven 700 feet to cut this reef without doing so. After several months' suspension, work has again been resumed upon professional advice.

The Homeward-bound Reef, at Hillsborough, is looking better; it is now being worked at 370 feet. About 50 feet in length is being worked. On the north the reef is pinched to about 6 inches between the proper walls. Going south the walls spread out; but when 5 feet apart a mullock bank divides the reef into two legs. At 30 feet from the division, the mullock pinches both legs almost out, the proper walls being 20 feet apart.

The Homeward-bound Company (Bolam and Co.), Twist's Creek, have been working in the Rip-and-Tear Reef for some time past, and recently made a cross-cut to the Homeward-bound Reef; the casing was found where expected, but no reef.

About five heads of water are being sold; the number varies.

INDIGO DIVISION.

Mr. R. Arrowsmith, Mining Surveyor and Registrar.

The usual average returns of gold from quartz is much higher than for previous quarters, owing to the very satisfactory crushing from Moore and Findley's claim, on the Robert Burns' Reef, 96 tons of stone having yielded 333 ozs. 19 dwts. of gold, the result of the labor of three men for five months. The reef is about 3 feet wide, but not more than about one foot of stone is considered sufficiently rich to warrant the expense of crushing. The shaft is about 100 feet in depth, where the stone has the appearance of improving in quality.

A small co-operative company has been formed to work the reef known as Parish's Reef, at the head of the Old Indigo Lead. This reef was originally discovered in working the alluvial lead. It has since been in the hands of various parties, the yield seldom being less than 18 dwts. to the ton; owing, however, to the influx of water from the old alluvial workings, it was found too difficult and expensive to work without the aid of steam machinery, necessitating the aid of capital. This has now been supplied, a 12-horse power pumping and winding engine having been erected and operations commenced. A good deal of interest is felt in the results of this speculation. The reef having been traced below the water-level—probably a much greater depth than any other reef worked in the division—it will be a step towards ascertaining the quality of stone below the 300 or 320 feet reached from higher levels in the adjacent ranges, where the stone is confined to numerous small leaders, often very rich, and seldom more than 12 or 18 inches in width, forming the sources of the numerous alluvial leads, and which, it is presumed, will ultimately be traced to properly defined reefs at lower levels. I believe this branch of mining industry will shortly assume a far more important position than it has occupied of late years.

In alluvial mining there is very little to report. The Sons and Doma Consols Company have increased their capital, the shares being all taken up. They are now in full work.

The Durham and Caledonian Company are removing their plant and sinking a new shaft. The battery they recently erected has not proved a successful speculation, the yield of gold from crushing the *débris* of their old workings being found insufficient to pay working expenses.

BUCKLAND DIVISION.

Mr. Lewis C. Kinchela, Mining Registrar.

The quarter just closed has been signalized by the partial stoppage of work upon two of the most important and valuable mines ever opened here—viz., the Happy Valley Reef, Running Creek, and the United Miners' Reef, Harrietville—both opened about eight years ago, and upon which, conjointly, nearly 100 men were employed regularly. A few men are still engaged upon both in taking out stone left in the upper workings, &c.; but I am not aware that any intention exists for the devotion of portion of the former large profits to the testing of either mine at a lower level. Meanwhile, at Running Creek, a line of reef has been prospected and gold struck in various places for a length of nearly half a mile, which, if at all near the anticipations of the prospectors, will go far towards absorbing the labor available since the reduction of hands on the Happy Valley Reef, where only about a dozen men are now employed.

The reef referred to—called the New London—is dissimilar from any hitherto opened in the Buckland Division, so far as the present workings offer any means of comparison. The prospecting shaft, which was 24 feet in depth when the claim was visited by me recently, is sunk in a soft mullocky vein, consisting of bands of quartz, sandstone, and rotten granite, being the only instance here of gold being so found in conjunction with the latter. The width of this vein had not been ascertained, there being, so far, no appearance of the usual "walls" between which our reefs usually run. A trial crushing of the stuff extracted from the shaft—it could scarcely be called quartz—yielded about 11$_0$dwts. per ton from 25 tons. Several parties are at work upon this line of reef (which runs in a north-easterly direction), and previous to the next quarterly report a better estimate of the value of this discovery can be arrived at.

At Harrietville the dullness of mining cannot be better exemplified than by stating no quartz was crushed at any of the local mills during the quarter, excepting at the United Miners; and although the workings in the Phœnix Deep Lead claim there have been resumed, there is as yet no sign of the lost lead being struck, and, consequently, but little prospect of immediate employment for the men out of work.

There is not much improvement to note in quartz mining upon the Buckland River for the past quarter; but it is not unlikely that, on the completion of the tunnel into the Red Jacket Reef, and the new shaft now being sunk upon the Alta and Nelson claim, there may be a fresh impetus given to that class of mining. In alluvial mining there is nothing to note.

The present prosperity of Morse's Creek arises almost entirely from the reefs more recently opened upon the right branch of Growler's Creek, and which still continue to yield handsome dividends; but from the older reefs, previously so rich, no results are obtained, owing to the fact that they are permitted to lie unworked.

The shallow alluvial claims at Freeburgh have been so satisfactory to the Chinese that the ground is now taken up for about 1800 yards in length; and as apparently similar ground, totally untried, extends up to Harrietville, a distance of ten miles, it is not improbable that most of our Chinese miners will locate themselves in that district. I believe the gold obtained from the claims in working order will pay the owners from 30s to 50s. per week.

Memo. of number and price of sluice-heads of water sold in the Buckland Division for quarter ending 30th September 1874:—Buckland, 23; 2s. 6d. to 15s. per week. Harrietville, 2; 20s. per week. Ovens River, &c., 6; 10s. per week.

ALEXANDRA SUBDIVISION.

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

Alluvial Mining.

Mining in this subdivision still continues to be much depressed. There are no new discoveries to report.

The Acheron Freehold Company did not complete their arrangements for obtaining machinery, and nothing has been done with regard to the working of that lead.

Two other companies have commenced to win gold on the Working Miners' Lead, during the quarter, viz.:—the Victory Company and the Triumph Company. They have only been in wash-dirt for a short time; their returns are, therefore, small for this quarter.

The New Gobur Company, although they have treated a larger quantity of wash-dirt than in the last quarter, have obtained a smaller yield of gold. The general average is thereby much impaired.

Quartz Mining.

There is nothing new to report during the quarter.

The scattered position of our mines and the badness of the roads have prevented several crushings that otherwise would have been included in the present return.

The Galatea Reef, which had been abandoned by the previous holders, is now giving good returns to the two parties working on the line.

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

DRY CREEK SUBDIVISION.

Mr. Robert Pemberton, Mining Registrar.

I have the honor to report that during the past quarter there has been a slight improvement in mining in my division, the yield of gold exceeding that of the previous quarter by about 50 ounces. I may also state that although nothing remunerative in quartz mining has yet been found, still there are one or two parties energetically searching for a payable quartz lode.

With respect to the quantity of wash-dirt sluiced, &c., and the yield of gold therefrom, it is impossible to obtain any correct information from individual miners, the majority being Chinese.

The different kinds of timber used for mining purposes, in my division, are redgum and messmate, and are obtained in the neighborhood of the workings, the outside distance being a quarter of a mile.

GAFFNEY'S CREEK SUBDIVISION.

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

The yield of gold in this subdivision is slightly in excess of that of the last quarter reported on, and the quartz mines have been more generally worked.

Dempsey's claim, now the property of Mr. Younghusband, has yielded its tributers payable results and averaged over 8 dwts. to the ton, notwithstanding the heavy weather they have had to contend against, and the fact of their workings being below water-level.

The Donabrog Company struck the Aladdin Reef in their tunnel during the past quarter, and have now a good sized shoot of quartz in their drive. They are busy laying down tramways and erecting a 12-stamp set of batteries (now in course of removal from Perkin's Creek) on Gaffney's Creek.

Messrs. Dillinger and Ah Slouey, proprietors of the Wallaby or City of Columbus Lease, have obtained a much higher yield than usual, and in fact the highest yield of any mine in this subdivision.

The Rose of Denmark Company operated on 10 tons of pyrites for the Gleeson's Gold Mining Company, but as these were obtained in the Jamieson Subdivision they have not been included in the yields given. There is nothing particular to report anent this mine.

The alluvial mines have obtained a yield equal to previous ones in proportion to the number working. Their wages have averaged 30s. per week.

I hear of no water being sold. We have had a great abundance for the past three months.

WOOD'S POINT SUBDIVISION.

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

The yield of gold from quartz, for the past quarter, is unusually small, being but a little over 600 ounces. The deficiency is chiefly due to the small crushings on the Morning Star Reefs. The Alps Great Central Gold Mining Company is only credited with 49 ozs. 9 dwts.; the Hope with 151 ozs. 11 dwts. 6 grs.; and the Prospectors with 54 ozs. 19 dwts. 6 grs. The No. 1 and 2 North Amalgamated obtained 36 ozs. 1 dwt., and the present tribute party are working a small vein which promises to pay well. Two of the Tributes in the old ground of the Hope Mine have good prospects; but nothing of any value has as yet been struck in the deep shaft, now 554 feet from surface, and 142 feet below main level—say 110 feet below level of the Goulburn.

The yield from the only claim working on the Waverley, known as the Telegraph, is also unusually small, namely, 8 ozs. 17 dwts. I have nothing new to report of the Prince of Wales Company, or the All Nations mine. The Alliance miners are preparing to erect machinery, being dissatisfied with the arrangements at the All Nations mill, and the tributers of the Prince are laying down a tramway between their mine and the mill. At the Franklin mine the main level is being continued towards the reef, the ground has been very hard lately.

Wm. Johnson, the discoverer of several golden claims, has found an auriferous granite dyke S.E. of the Franklin. The works are not sufficiently advanced to ascertain whether the formation of the shoots of quartz are regular or not, but excellent stone and a goodly general distribution of fine gold through the body of the granite have been ascertained to exist, and two leases have been taken up on the course of the dyke.

The alluvial miners have, on the average, obtained fair wages of say 30s. per week.

I hear of no water now being sold.

BIG RIVER SUBDIVISION.

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

There is no material improvement in the quartz mining of this subdivision. The tonnage crushed is not one-half of that treated last quarter, and the yield is 268 ounces as against 435 ounces for June 30th; the average return of gold per ton is, however, much higher, being 10 dwts. 6·44 grs. as against 4 dwts. 18·54 grs.

The prospects for the coming quarter of the year are more promising. The Luck's All tributers struck another vein or shoot of quartz in their dyke about a fortnight ago. A dish prospect yielded about four ounces. The Unknown Company (Thomas Noble and others) have excellent prospects for early crushings.

The Londonderry *cum* Retriever is looking indifferent.

These are the only mines now working in this subdivision.

In alluvial I have nothing particular to report; the banks of the river below Newman's are being more generally prospected than hitherto, and better results are obtained. The river is unworkable, the season having been unusually severe hitherto.

I hear of no water being sold.

MITTA-MITTA DIVISION.

Mr. W. H. Cochrane, Mining Registrar.

I have nothing out of the usual course to report this quarter.

The miners have been getting fair returns—upon the whole I think an improvement has taken place—the yield of gold has been generally good. The season has been favorable, the rainfall has been regular, and sufficient for sluicing operations, which continues to be the only method of working here.

JAMIESON SUBDIVISION.

Mr. W. H. Edwards, Mining Registrar.

Gleeson's Lease Company are now crushing regularly with good results, the mine and plant being in good working order.

Ten tons of pyrites were sent to the Rose of Denmark mill, at Gaffney's Creek, for treatment, yielding 30 ounces of gold, which barely covered expenses.

The Sailor Bill's Company are now in 920 feet, having a further distance of 30 feet to drive to strike the reef. Arrangements has been made with Gleeson's Lease Company to crush at the rate of twelve shillings per ton.

The Just-in-Time Company are making good progress, being now in 350 feet; they are also sinking on the reef.

The Venture Company, Mack's Creek, are now busily engaged in crushing from the No. 2 and 3 levels; the average width of reef is 6 feet, and also continue to improve in depth.

The Perseverance and Queen of the Alps Tribute Companies are both raising stone, and will crush in about a month.

Daw's Specimen Reef Company.—The manager reports that he has driven the tunnel a distance of 350 feet, and is now cross-cutting in a south-easterly direction through a mass of quartz, and that there is every indication of being near the reef, which has crushed as high as 50 ounces to the ton.

The Mack's Creek Company are now in 627 feet, having a further distance of 50 feet to drive to cross the Luck's All line of reef.

The Try Again, Baker's Creek, have had a trial crushing, but in consequence of the broken nature of the ground and the distance of machinery it has not proved payable.

The Poverty Claim, Wildfellow's Creek, has been formed into a company and will commence work in a week or two, and from the previous trials should pay very well.

SANDHURST MINING DISTRICT.

SANDHURST DIVISION.

Mr. N. G. Stephens, Mining Registrar.

The result of operations in quartz mining during the past quarter is very satisfactory, 89,891 tons of quartz yielding an average of 15 dwts. per ton.

The subjoined tabular statement will show that rich quartz is to be found at great depths.

There has not been much prospecting for new reefs, and many of our progressive mines have ceased working; but, rather than remain idle, the miners thus thrown out of employment seek to obtain blocks of ground in large claims to work on tribute.

At Spring Gully three companies have taken up sluicing claims (quite a new thing in Sandhurst), and, with the aid of the water from the reservoir at the head of the gully, are pretty confident of doing well.

Two large crushing plants are in course of erection, one on the Garden Gully United Company's ground and one on Mr. Lansell's claim on the Flora Reef.

The quantity of water sold for mining purposes during the past three months is 97,500 gallons at 4d. per 1,000 gallons, and 370,000 gallons at 2d. per 1,000 gallons.

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

Name of Company.	Where Quartz, &c., were obtained.	Quantity crushed.	Total Yield of Gold.	Average Yield per Ton.	Depth at which the Quartz was obtained.	Original Water-level.	Width of Reef, &c.
		Tons.	oz. dwt. gr.	oz. dwt. gr.		feet.	
Garden Gully United ..	Garden Gully Reef ..	4,237	10,366 2 0	2 8 22·35	300 to 400 feet ..	..	From 4 to 10 feet. Large crushing machine in course of erection
South Garden Gully Tribute	Garden Gully Reef ...	303	467 15 0	1 10 20·99	300 to 400 feet ..	..	2 feet
Burrowes' Freehold ..	Garden Gully Reef ..	1,279	1,669 3 12	1 6 2·43	300 and 350 feet ..	50	From 3 to 4 feet at 300 feet, and 2 feet at 350 feet
Garden Gully Freehold ..	Garden Gully Reef ..	1,286	811 8 22	0 12 14·87	400 feet	220	18 inches
Horwood's Freehold ..	Garden Gully Reef ..	381	277 6 0	0 14 13·35	300 feet	50	
Koch's Pioneer	Garden Gully Reef ..	261	146 7 6	0 11 5·17	170 to 450 feet ..	47	Mostly spurs
Cornish United	Garden Gully Reef ..	2,064	1,541 2 0	0 14 22·39	363 and 423 feet ..	..	15 to 20 inches
Lazarus No. 1	New-chum Reef ..	1,939	3,099 1 0	1 11 23·17	600 to 700 feet ..	180	30 feet
North Old-chum.. ..	New-chum Reef ..	3,486	5,072 13 0	1 9 2·47	676 feet and upwards	..	About 10 feet
New-chum and Victoria ..	New-chum Reef ..	578	157 10 0	0 5 10·79	Up to 670 feet		
Bonati	New-chum Reef ..	826	187 0 0	0 4 12·92	500 to 600 feet ..	..	Average 4 feet
Lazarus	New-chum Reef ..	663	553 13 0	0 16 16·83	700 feet	180	32 feet
Great Extended Hustler's	Hustler's Reef ..	7,625	3,556 4 0	0 9 8·49	380 and 680 feet ..	336	50 feet
Great Hustler's	Hustler's Reef ..	1,827	772 4 6	0 8 10·88	780 to 830 feet ..	..	8 ft. at 780 ft., and 4 ft. at 830 ft.
Hustler's Reef Q. M. and D.	Hustler's Reef ..	1,190	1,140 15 0	0 19 4·15	530 and 665 feet ..	..	530 feet, averages 2 feet; 665 feet, averages 10 inches
United Pioneer	Hustler's Reef ..	574	306 4 15	0 10 16·08	470 and 520 feet ..	200	From 4 to 8 feet
Hercules	Victoria Reef ..	2,920	712 19 0	0 4 21·19	480 and 550 feet ..	70	From 1 to 10 feet
Victoria Reef G. M. ..	Victoria Reef ..	2,450	1,525 19 0	0 12 10·96	400, 480, and 700 feet	..	Spurs at 400 to 480 feet, and 8 to 10 feet thick at 700-foot level
Victoria Reef Q. M. ..	Victoria Reef ..	755	693 11 6	0 18 8·94	600 feet	500	5 feet
Energetic	Victoria Reef ..	318	181 16 12	0 11 10·45	200 to 300 feet		
North Johnson's.. ..	Johnson's Reef ..	355	115 13 0	0 6 12·37	547 feet	..	About 2 feet
Johnson's Reef G. M. ..	Johnson's Reef ..	4,310	4,311 11 0	1 0 0·17	300 to 655 feet ..	..	6 inches to 5 feet
Rose of Denmark ..	Johnson's Reef ..	1,060	462 0 0	0 8 17·20			
North Whip	Whip Reef	1,189	223 2 7	0 3 22·02	330 feet and surface spurs	..	Spurs averaging from 6 to 18 in.
South Catherine Reef ..	Catherine Reef ..	343	144 11 0	0 8 10·28	370 to 467 feet ..	180	Spurs average 2 feet
Catherine Reef U. C. ..	Catherine Reef ..	2,164	1,621 13 15	0 14 23·70	Surface to 620 feet	130	Gold obtained from small spurs
Central Catherine ..	Catherine Reef ..	306	223 0 12	0 12 4·49	475 feet	160	7 inches
Great Britain	Prince Alfred Reef ..	5,457	1,702 14 0	0 6 5·77	225 feet	80	109 feet from wall to wall
Saxby No. 1 Tribute ..	St. Mungo Reef ..	697	536 15 7	0 15 9·65	370 feet	120	Spurs averaging 2 feet
St. Mungo Hill	St. Mungo Reef ..	553	141 8 0	0 5 2·73	280 feet	330	6 inches to 4 feet
Ellenborough	St. Mungo Reef ..	1,607	849 3 18	0 10 13·64	450 feet	150	3 feet
Kitto's Tribute	St. Mungo Reef ..	338	360 18 0	1 1 8·52			
York and Durham ..	St. Mungo Reef ..	1,262	1,161 16 17	0 18 9·00	500 feet	190	From 2 to 8 feet
Albion United	Bird's Reef.. ..	225	120 1 12	0 10 16·16	170 feet	50	12 inches to 10 feet
Bendigo and Melbourne ..	Bird's Reef.. ..	1,784	354 4 0	0 3 23·30	90 to 140 feet ..	50	From 4 to 15 feet
W. Walker and Co. ..	Burn's Reef ..	1,562	687 0 0	0 8 19·11	400 feet	170	12 feet at present, all spurs
Hansel Monday Tribute ..	Carshalton Reef ..	886	707 13 0	0 15 23·37	160 feet	..	15 feet
Shellback	Shellback Reef ..	884	169 18 16	0 3 20·27	100 feet	160	24 feet, spurs
Empire	Derwent Reef ..	741	166 0 0	0 4 11·53	216 and 270 feet		
Colorado Tribute ..	Anglo Reef.. ..	115	94 9 14	0 16 10·34	430 feet	80	Average 12 inches
Alliance	Frazer's Reef ..	274	102 15 9	0 7 12·03			
Richard Heales	Stafford Reef ..	598	292 7 11	0 9 18·68	453 and 565 feet ..	..	2 to 2½ feet
South Frazer's	Frazer's Reef ..	59	40 6 12	0 13 16·06	250 feet	150	Flat spurs
PYRITES.							TREATMENT.
Garden Gully Freehold ..	Garden Gully Reef ..	26	80 15 0	3 2 2·76	.. .. ..	..	
Burrowes' Freehold ..	Garden Gully Reef ..	28	114 16 0	4 2 0	.. .. ..	..	
Great Hustler's	Hustler's Reef ..	25	42 16 12	1 14 6·24	.. .. ..	..	
Great Extended Hustler's	Hustler's Reef ..	112	335 18 0	2 19 23·57	.. .. ..	..	Reverberatory furnace
York and Durham ..	St. Mungo Reef ..	6½	22 10 0	3 9 5·53	.. .. ..	..	
Lazarus and Co.	New-chum Reef ..	42	88 0 0	2 1 21·71	.. .. ..	..	
Victoria Reef G. M. ..	Victoria Reef ..	9	17 1 6	1 17 22	.. .. ..	..	
Bendigo and Melbourne ..	Bird's Reef ..	3	1 7 0	0 9 0	.. .. ..	..	Denny's patent pulverizer

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.

KILMORE DIVISION.

Mr. James W. Osborn, Mining Registrar.

In alluvial, a small rush has taken place to a gully on Reedy Creek, and fair prospects have been obtained; but in all other localities nothing has been done worth reporting.

Quartz mining is in a depressed state, and no new registrations have been effected during the quarter.

HEATHCOTE DIVISION AND WARANGA SOUTH SUBDIVISION.

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

There is no alteration in mining prospects during the quarter just ended to record, except that an application has been made for a water race, about thirty miles in length, commencing near the base of the Sugarloaf Hill, Tooborac, and terminating about Wattle Flat, and two small reservoirs in connection with the race.

There is also a probability of mining operations being resumed on Butler's Reef in a short time. The lessees inform me of their intention to erect machinery, and to work the ground in a proper and systematic manner.

WARANGA NORTH SUBDIVISION.

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

Nothing has occurred worthy of record during the quarter. A small rush at Shellback Gully, Rushworth, has helped to increase the yield of alluvial gold; but the rush is not extending.

MARYBOROUGH MINING DISTRICT.

MARYBOROUGH DIVISION.

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

Quartz Mining.

Very considerable excitement has been caused here through the recent discovery, by John and Edward Bright, of an exceedingly rich reef, situate at Pigeon Gully, between Newmarket and Maryborough, and distant from Maryborough about two and a half miles. In addition to the prospecting claim, other claims on the supposed line of reef have been taken up and registered. There are about 100 miners on the ground, who are anxiously waiting the result of further operations on the prospecting claim. The gold as yet obtained has been got from the surface to a depth of 3 feet, and is mixed with ironstone and cement. The width of the reef is about 6 inches. Of course there are conflicting opinions as to whether this is a well defined reef or merely a leader or spur from an adjoining reef. But since the discovery of Mariner's Reef, which, at the surface, gave a yield of 100 ounces of gold to the ton of stone, no such reef as that at Pigeon's Gully has been discovered in this district. The gold in the stone seems really to be as abundant as the stone itself; and the extraordinary yield of nearly 40 ounces of gold was obtained from four tin dishes of stone.

A new company has been formed at Maryborough for extracting gold from pyrites. They have taken a portion of ground leased by the Mariners' Reef Company on a tribute contract, which gives the Mariners' Reef Company 20 per cent. of the gross yield of gold obtained. The machinery, which is now being erected, is partly the invention of a Mr. Vail, of Melbourne, who is also one of the managing directors of the company; it is entirely new to this district, and is likely to answer exceedingly well. It chiefly consists of two buddles, with self receiving and discharging apparatus for the sand; also a disintegrator, which is worked by means of a spindle in a cage, revolving on the axle in opposite directions with a velocity of nearly 100 strokes per minute. The company expect to be able to put 3 or 4 tons of sand through the machine in the course of an hour, and to be ready for work in about a fortnight.

I deeply regret to report that the Mariners' Reef Company are likely to stop all work in their mine in the course of a few days. The company have deserved a better fate. It is estimated that, from first to last, £50,000 have been spent in the attempt to develop this mine, which is one of the deepest and most expensive in the district, and to render it remunerative to the shareholders. But the stone raised from the deep levels has not answered the expectations which were formed respecting its quality; and, in fact, has not been sufficiently rich to clear expenses. It is most probable that the plant will be sold, and a fresh company organized. The Nelson Company, at Golden Point, have had 99 ozs. 19 dwts. 12 grs. from 140 tons of stone. The Montrose company have 700 tons of stone at grass, and are now busily engaged with the erection of their new steam machinery.

Alluvial Mining.

The Duke and Timor Company have just struck excellent wash-dirt, which has yielded half an ounce of gold to the truck. The future prospects of this mine are in the highest degree satisfactory.

The Alma Consols Company have now stopped work, and have drawn the pumps, and let a portion of the mine on tribute.

No blocking has been done in the Count Bismarck mine, nor will there be until the mine has been drained.

The Junction Company, at Timor, have been engaged during the quarter in driving for the lead, and the distance driven is 550 feet.

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

	oz.	dwt.	gr.
John Bright, Chinaman's Flat	1,300	8	0
Band of Hope, Chinaman's Flat	789	13	12
Duke and Timor, Chinaman's Flat	1	10	0
Eastern, Alma	129	8	12
Unicorn, Alma	34	7	10
Alma Consols, Alma	437	16	0
Count Bismarck, Alma	667	19	12
Seaham, Alma	690	7	0
Gladstone, Alma	668	1	12
New Magnum, Alma	314	0	0
Total	5,033	11	10

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

	£	s.	d.
John Bright	900	0	0
Band of Hope	300	0	0
Seaham	300	0	0
Gladstone	300	0	0
Eastern	30	0	0
	£1,830	0	0

MAJORCA SUBDIVISION.

Mr. John M. Murphy, Mining Registrar.

I have the honor to report that mining matters in this subdivision are very little improved since my last report. The Duke of Edinburgh Company, Walker's paddock (private), have ceased operations for the erection of machinery. They have purchased an engine (16½ inch cylinder) and plant, which is now in the course of removal; it is expected that the company will commence operations in about two months. The Minorca Company have not finally arranged for the purchase of machinery, consequently operations are suspended for the present. The Grand Junction Company, Hooper's paddock (private), are also at a standstill, waiting for the erection of machinery. The Russell's Freehold Company (private), south of the Grand Junction Company, are sinking a small shaft, hoping to strike the lead passing through the latter company's ground from Rocky Flat trending towards Majorca. The proprietors of the Enterprise Company, Maiden Hill, are busy pumping, and expect to hand the mine over to a new tribute party in the course of a fortnight. The Kong Meng and Columbia Tribute Company, and the Reliance Tribute Company, Hanoverian Lead, are still idle.

In quartz mining I have to report that Deed Brothers have let their mine on tribute to Cooper and party, who are now busily engaged sinking the shaft deeper. Messrs. Ainsworth and Oliver have been prospecting on the line of Finch's Reef, and have found some gold-bearing stone, and will have a crushing in about a fortnight. I am confident that there are good payable alluvial mines in this subdivision, only requiring capital to develop them.

AMHERST DIVISION.

Mr. Joseph Smith, Mining Surveyor and Registrar.

I have the honor to report a further improvement in the yield of gold and an increased number of miners employed, when compared with the previous quarter.

In quartz mining the Prince of Wales Reef attracts much attention, from the good and steady yields of gold from the lode. Claimholders on the above reef have sunk a shaft 130 feet, on which they have a portable engine of 6 horse-power to keep down the water, but they intend sinking to a depth of 200 feet before they open out. A permanent plant of 20 horse-power is in the course of erection.

Specimen Reef, at Church Hill, Amherst, have had a good crushing of 3⅔ ozs. per ton from a leader, running westward from the main reef. A great number of coarse pieces of gold are picked up on the hill by the school children and others, after a heavy fall of rain; some of the pieces so obtained weigh several pennyweights.

In alluvial mining the Union Company at Mount Greenock south show the most marked improvement. The tributers determined upon driving north-west from the shaft, and have succeeded in striking a good lead, which was always supposed to run to the west of the mount, and will probably run for several miles through the basaltic plains. A new company has been formed to work Nicholl's Freehold, about 1½ miles south of the mount, with a view of working the foregoing lead, on which they are now sinking a shaft through the basalt.

The manager of Tara's Hall Company is of opinion that the quantity of ground which they will have to work out is much greater than the mining community supposed to exist in that locality.

Some of the puddling parties in the neighborhood of Amherst have been very successful during the last three months. One party states they have made more wages during that period than for fourteen years previous. One piece weighed about 12 ozs., and a great many smaller nuggets down to 1 oz. in weight have been obtained. The fortunate parties are very reticent respecting the locality or the exhibition of the gold, but I have learned that the ground had been previously worked.

Returns showing the Income derived from Water for the Quarter ending 30th September 1874.

Four sluicing parties (at two sluice-heads each), at 40s. per week for each party—12 weeks	£96
Three puddling machines (at one sluice-head each), at 20s. per week for each party—12 weeks	36
Total	£132

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

AVOCA SUBDIVISION.

Mr. P. Simpson, Mining Surveyor and Registrar.

The large alluvial mines, I regret to report, are still idle. The Melbourne and Avoca Company's mine and plant have been sold by auction.

Quartz Mining.

The United No. 2 Barnes' Reef Company have sunk their shaft 65 feet. A battery of six stamps has been erected, and it is intended to erect six more. Much more stone than appears in the tables would, I understand, have been crushed had not the supply of water for the battery failed.

At the Perseverance Reef the tunnel has been driven 92 feet further, or a total length of 417 feet during the quarter; ground very hard. It is expected that the reef will be struck in about three weeks, and it is calculated there will be about 170 feet of backs for stoping from the tunnel level.

The Monte Christo mine has been let on tribute.

The claims on the Donkey Hill Reef are at present idle.

The result of a crushing from Vale's Reef I have not yet received.

DUNOLLY AND TARNAGULLA DIVISIONS.

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

Mining in both the Dunolly and Tarnagulla divisions still continues in a dull state.

Dunolly Division.

Bealiba Reef.—The Goldsborough Company have been sinking the shaft deeper, but are stopped at present. Depth of shaft, 436 feet. Queen's Birthday Company have been putting in a cross-cut and driving level at 405 feet, also breaking out stone from 335 to 405 foot levels; 785 tons crushed yielded 433 ozs. 13 dwts.

Queen's Reef.—The Queen's Reef Company have sunk the shaft to a depth of 273 feet, but are stopped at present.

Bet-bet Reef.—The Bet-bet Reef Company are sinking the shaft on the western reef deeper, and will, when finished, open out for the reef.

In alluvial mining there has been a little more doing than last quarter, a few nuggets (comprising one of 36 ozs. at Western Lead, and another of about 9 ozs., locality of find unknown) having been obtained.

Tarnagulla Division.

Poverty Reef.—Most of the companies on this line of reef are idle at present, but the United Poverty, Prince of Wales, and London and Lancashire Companies are negotiating for an amalgamation of their several claims.

West Poverty Reef.—The Lady Bowen Company have struck some stone showing very good prospects.

Kangaroo Reef.—The Dives Company are driving a cross-cut, but prospects are not very favorable at present.

Ironbark Reef.—The South Poverty Consols Company have four men working on tribute; Olsen and Company have five men employed prospecting.

New-chum Reef.—The Cambrian Company have been driving at the 345-foot level, and have the reef 5 feet thick, and carrying a little gold, the stone improving in appearance as it is driven on.

Sandstone Reef.—The Victoria Company have had six men trying the shallow ground, and have about 70 tons of stone, considered payable, ready for crushing.

In alluvial mining little is doing. A small rush which has given yields from 2 dwts. to 16 dwts. per load has taken place at Forty-foot Hill, and a nugget weighing 9 ozs. was obtained in the old workings on the old lead.

KORONG DIVISION.

Mr. George Watton Moore, Mining Registrar.

I have the honor to report that no improvement has taken place in the quantity of gold obtained in this division.

In quartz the most noticeable feature has been the establishment of a tribute company on that portion of the Unity Company's ground formerly leased by the Independent Company; there has been one small crushing, which gave 8 dwts. to the ton, and as the reef is from four to six feet in width, and there being a large quantity of stone in sight from the 170 to the 250 foot levels, there is every prospect of good returns. The tribute party have amalgamated with the original company, and a large number of men will soon be employed. Fone's Company, Burke's Flat, are progressing well; the reef appears to be increasing in width and richness at the depth of 470 feet, and shows large quantities of gold-bearing pyrites.

In alluvial, though there have been several small rushes to gullies in the neighborhood of Inglewood, there have been no important discoveries, and nothing of any consequence to report.

REDBANK AND ST. ARNAUD SOUTH SUBDIVISIONS.

Mr. P. Simpson, Mining Surveyor and Registrar.

The New Isis Company are driving south at 140-foot level, Oxonian Reef, and stoping. They are also preparing to work the Star of the East Reef again. Poppet-heads have been erected, and the old shaft re-timbered to a depth of 50 feet. After sinking 20 feet further, they intend opening out on the course of the lode, which is 5 feet wide. Returns from this reef are shown in the tables.

In alluvial mining there is nothing to report.

ST. ARNAUD NORTH SUBDIVISION.

Mr. P. Simpson, Mining Surveyor and Registrar.

A new crushing battery of 10 revolving stamps is being erected on the Wilson's Hill mine. A crushing of 870 tons from between the 300 and 400 foot levels has just been completed, the result of which is not yet known, supposed to be 1,000 ozs.; this will appear in next quarter's report. The mine, which promises to be one of the most important in the district, is being worked at several levels, the lowest being about 400 feet in depth. A winze is being sunk 40 feet below this to connect the new shaft (which is down 340 feet at present) with the rest of the workings.

The Chrysolite Company are now engaged in stoping out from the 500-foot level on the Ballarat Reef.

At the Bell Rock, a cross-cut has been put in from the shaft to the reef, at the 400-foot level, and a distance of 100 feet east and west on the course of the reef has been driven, width of reef 5 feet, showing gold the whole length of level. No stone has yet been crushed, owing to the only available battery being engaged. A new battery of 20 revolving stamps is about to be erected by the St. Arnaud Public Crushing Company, who are adding to their machinery also Denny's patent pulverisers, the erection of which is nearly completed.

At the Duchess of Edinburgh claim good stone is still being obtained. Several claims have been recently taken up on this line, and promising stone is being worked

At the Greenock Reef a winze has been sunk from the 200-foot to the 260-foot level, and they are now driving on the course of the reef at the lower level.

At the Silver Mines they have been engaged during the quarter in driving cross-cuts and levels at a depth of 300 feet from their new shaft, Stewart's Hill.

The Disraeli Company's ground is being again prospected from the old shaft.

CASTLEMAINE MINING DISTRICT.

CASTLEMAINE DIVISION.

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

The past quarter has been exceedingly quiet in mining operations; the average yields are lower than usual; no new discoveries have been made, whilst some of our best claims have declined in yield, and will likely continue so until the second formation is reached in depth.

The prospects on Wattle Gully reefs have improved. Mr. Teague's machinery has commenced working, and he is cross-cutting for the reef. The Old Wattle Gully Company are working in quartz, and see gold.

The Central Company, the New Wheal Terrill, and the United Wattle Gully, are all on payable stone, and likely so to continue.

On the Nimrod Reef, Bowan and Co. have cut two new makes of stone showing heavy gold striking south under the other claims.

Several of the leases lately forfeited have been taken up under miners' rights, and prospects obtained on one, the Shellback; 31 tons yielded 55 ozs. 10 dwts.

For the Burns' Reef, Chewton, a large plant has been purchased, and tenders called for its erection; the lessees intending to crush from a face, there being an immense body of quartz containing gold.

Only four parties—together 15 men—have yet been able to obtain a supply of water for ground-sluicing from the Coliban, but many are anxiously waiting for the contour races, to utilize the water now running to waste over the byewash.

FRYER'S CREEK DIVISION.

Mr. Mark Amos, Mining Surveyor and Registrar.

Population.

There is a slight improvement in the number of miners, but not sufficient to affect the general returns, the new hands being chiefly engaged prospecting for quartz reefs.

Puddling and Sluicing.

The puddlers and sluicers have been very active during the past three months, plenty of water having been available, but I have no extraordinary yields to report from this description of mining. Some good ground has recently been discovered in the northern slope of Kangaroo Hill, fronting Vaughan; the sinking is comparatively shallow; some three or four claims are likely to do very well for some time to come.

New Reefs.

A new reef is alleged to have been discovered near Holcombe Station, and gold found in the stone, but, on examination, I could see nothing to warrant any great expectations, as the quartz veins are very narrow and near the surface; in the course of two or three months the prospectors will be in a position to judge as to the importance of the discovery.

Public Companies.

Several of our quartz mining companies are doing very well, although a few have suspended operations, owing to want of capital and the inconvenience arising from unremunerative returns; a great many miners are out of employment just now, and would be glad of fresh fields of labor, if circumstances would admit of changing their abode. Those companies which are doing well may be enumerated as follows:—Rowe Brothers, the Fryer's, Black Hawk, Hope Tribute, the Ferron's, and Wilson and Macdonald.

Rowe Brothers are still working a large body of stone, 90 feet wide, and no signs of running out or decrease in yield.

The Hope Tribute are working a small leader, varying in thickness from 6 inches to a foot, and yielding about 1½ oz. to the ton at the 70-foot level, having a westerly underlie; it is expected this will lead to something very rich, as well as some well-defined reef at a depth of about 200 feet.

The Ferron's are opening out in an easterly direction, having discovered good indications outside their present workings.

The Fryer's are working energetically, having very fair prospects.

The Black Hawk are working steadily, making good yields, which must be highly satisfactory to the shareholders. I believe they contemplate erecting a crushing plant of their own.

Although a large extent of country is not being properly worked or prospected, it is some satisfaction to report some 300 persons regularly employed in quartz mining, and making fair wages; at the same time, as before stated, there are a great many intelligent and industrious men seeking employment and meeting with continued disappointment.

Sluice-heads.

	£	s.	d.
Nolan and Co., Vaughan and Glenluce, 2 heads, 24 hours per day—per week per head ...	3	0	0
Moyle and Co., ,, 1 head, 10 hours per day—per week	2	8	0
Loddon Co., 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 tables show a marked improvement in mining generally during the past quarter, both in quartz and alluviums.

A 6-oz. nugget was got at Boots Gully, besides much rough gold.

The Sailor Prince Extended Gold Mining Company are in 2,965 feet from the tunnel mouth, and expect shortly to break into the wash; they deserve encouragement for their perseverance, which no doubt will be compensated shortly.

The Prince Company are engaged principally in putting in main drive.

The Galatea Gold Mining Company, Fern Hill, have cleared out the old abandoned shaft, have erected a whim and puddling machine, and are on to washdirt at 120 feet from brace.

The Long Tunnel, formerly Great Tunnelling Company, Italian Hill, are recommencing operations, and laying down a substantial tramway and iron rails, 1,500 feet of which is completed; they have secured the right to mine 300 to 400 acres of land; this embraces the old Royal Standard Lead.

The Cornish Quartz Mining Company maintain first position; they have recently erected a fourth engine (total 80 horse-power, will work up to 100 horse-power); are erecting 6 additional stampers. The mine looks better than ever, 9½ dwts. per ton being obtained, a considerable increase on former yields; dividends are paid fortnightly.

Specimen Hill Quartz Mining Company are being rewarded for their perseverance; the mine looks exceedingly well, and dividends are being paid. The deep levels are the richest; 730 tons from the 380 to 463 foot levels yielded 800 ozs., or over 1 oz. per ton, besides rich pyrites; on the 380-foot level they have driven southerly 300 feet, and on the 463-foot level they have driven 120 feet southerly. Both drives and stopes look first-rate. A quicksilver-cradle is added to the machinery, which is in excellent order.

The North Cornish is let on tribute; prospecting is carried on in the 300 and 360 foot levels.

Amongst the parties not particularized in the tables crushing quartz at Jenkins' and Barkla's Mills:—Willards, Hancock, Keep-it-Dark, Matthews, Panham, Goldsworthy, Black, Figgins, Craig, Clering, Gazeley, Pensom and parties; also Band of Hope, Vineyards, and Ajax Mining Companies. Tributers are making good averages.

The want of a water-supply from a high level is very much felt in this division, 60 heads are at work, the prices averaging £1 per week each head, the shift 8 hours. Value of water thus used in alluviums only £2,340 for the quarter passed.

For further particulars I beg to refer you to the various tables, but I may state my conviction that this gold-field, far from being exhausted, is but barely prospected; a richer division does not exist, but outside capital is wanted to develop the immense wealth, buried at considerable depths.

TARADALE AND KYNETON SUBDIVISIONS.

Mr. Thomas Orwin, Mining Registrar.

Alluvial.

The Lord Malmsbury Gold Mining Company continue to open out new ground, with cheering prospects. The yield of gold for the quarter is 780 ozs.

The Ironstone Hill Lead Gold Mining Company obtained for the quarter 983 ozs. 2 dwts. and 12 grs.

Quartz.

The United Kingdom, as usual, continues to yield well; the gold obtained for the quarter is 503 ozs.

The Fenton Company got 719 ozs.

The Tommy Dodd Company 485 ozs.

The Extended Napier Company 206 ozs.

The above are the only quartz claims that are making any show in this division at the present time.

TARRANGOWER DIVISION.

Mr. Robert Nankivell, Mining Surveyor and Registrar.

Quartz Mining.

The yield for the quarter has considerably increased, owing chiefly to the splendid returns from the Union Company's mine. The mine still looks well; the washing-off to-day from 300 tons of quartz was 887 ozs. of gold; the average for the quarter is over 3 ozs. 8 dwts. per ton; 100 men are employed, and about 150 tons of quartz per week is put through the stampers. In the construction of their new machinery great precaution has been taken in providing for the amalgamating process; the whole of the sand from the stampers passes over copper plates and blanket tables with ripples; each battery of stamps has a table, which discharges itself into a revolving basin, and from thence into large rocking-cradles worked by the machine, and the last process is the passing the whole of the stuff through a large compound quicksilver-cradle. The manager informs me that the saving effected by the use of the rocking-cradles has averaged during the last five months 11s. 10d. per ton on all the quartz crushed. The Central Company, adjoining the Union on the south, have stopped the sinking of their shaft at a depth of 572 feet, and started a drive northward on the course of the reef; the reef is about 5 feet thick, well defined, and the stone showing a little gold, but not payable.

The Eaglehawk Limited, in sinking a winze below the 400-foot level, have passed through golden stone for a few feet; the prospect for the time was good; at present dish prospects of the fine dirt shows gold, but there is none visible in the stone. The Cymru Company, after pumping for five months, have exhausted their funds, and, finding the water too heavy to make headway single-handed, have suspended operations in the deep ground. Two other companies, *i.e.*, the Nelson Extended and Thornhill's Companies, have suspended operations for the want of funds. The Watson's Freehold Company have ceased working; their plant has been sold, and removed on to Welshman's Reef, where it is being erected for the purpose of testing the old mine. The Linscott's Company's mine has improved very much during the quarter; one crushing of 29 tons yielded 144 ozs. of gold. The mines on the Nuggety line of reef are not doing much; the Alliance is getting a little gold, but not payable. The Grand Junction Company, after reorganizing and creating calling power, so as to raise funds, have resumed work. They have a well-defined promising reef, but hitherto no gold visible.

In alluvial mining there is no change to report.

ST. ANDREW'S DIVISION.

Mr. Alfred Armstrong, Mining Surveyor and Registrar.

Alluvial Mining.

I have to report a slight improvement; a rich lead having been found at Hoddle's Creek, called the Dry Lead, and also a deep payable lead at Warrandyte.

The extensive works of the Warburton Hydraulic Sluicing Company are in full operation from the present level commanded by their race. A flume, a thousand yards in length, at an elevation of fifty feet from the surface, remains to be constructed, which will entirely complete the works comprehended in the enterprise projected by this company. I have no details to furnish as regards the yield of gold at present being obtained by this company, but I am informed the wash operated upon is now found to be payable.

As the Upper Yarra district presents great facilities for such works, I have every reason to believe that nea all the old gullies will shortly be reworked by hydraulic pressure.

QUARTZ MINING

I have to report the discovery of three new reefs—one at Warrandyte, prospected by Messrs. Stiggants and party, which has been proved to be payable; one at Warburton, which has not yet been tested, but which shows golden stone, discovered by Messrs. Cameron and Smith; and one at Reefton, about three miles from McMahon's Creek. The latter has been traced and proved to be auriferous along the line of the same for about 60 chains, but, as there is at present no crushing machinery on the ground, its yield has not been ascertained.

BLUE MOUNTAIN NORTH SUBDIVISION.

Mr. Graham McPherson, Mining Registrar.

The last quarter has been the most unproductive of gold I have yet known in this subdivision.

This may be accounted for in various ways. First, at this season there is always an enormous amount of water in the ground, which prevents the individual miners from working the alluvial deposits; and, secondly, the Barry's Reef claims have absorbed, for the present, all the capital and labor of the district.

As some of the quartz claims are now in the hands of companies which are financially competent to carry on their operations, I hope to see a revival in mining during the ensuing quarter.

ARARAT MINING DISTRICT.

ARARAT DIVISION.

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

ALLUVIAL MINING.

The large rainfall during the latter part of the quarter has enabled sluicers at Port Curtis, Surface Hill, and Armstrong's to resume their operations, and has, no doubt, been the chief means of increase in the quantity of gold shown in the returns.

Some new alluvial ground, tributary to the Linger-and-Die Lead at Cathcart, has been discovered lately. The sinking is through 4 to 6 feet of cement and 30 to 40 feet of clay and gravel drift. The result has not been discouraging, and it is to be hoped that the "rush" will cause the neighboring untried ground to be prospected.

The Maryboro' Company, at Commissioner's Hill, are working a 12-inch layer of hard ferruginous cement, which is yielding about 3½ dwts. to the ton.

The Cement Company on the Londonderry Lead continue to crush their washdirt, which consists chiefly of cement, and averages 4 dwts. per ton.

QUARTZ MINING.

The Sir George Bowen Company have been idle during the greater part of the quarter, but lately resumed pumping, with the view of sinking another 10 feet prior to opening out at 185 feet to the west.

The operations of the Rhymney Company have been confined to baling their shaft and workings.

The Crœsus Company, at Bourke's Reef, have been at a standstill. During the last week a few miners have recommenced working the Grampian Reef at the head of Spring Lead. At Moore's Reef two claims are at work; but the want of machinery, and the consequent necessity of carting the stone upwards of two miles to the nearest crushing machine, are felt to be a serious drawback to the successful working of this lode.

The expectations based on the activity of the management of the Quartz Reef Prospecting Association, the formation of which I mentioned in my last report, have, for reasons which I have been unable to learn, not been realized.

PLEASANT CREEK DIVISION.

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

QUARTZ MINING.

The Extended Cross Reef Company have finished the erection of their machinery, and are now engaged in breaking out and hauling stone.

In other companies the usual work is being carried on, of sinking, driving, &c., but nothing worthy of note, or out of the usual course, has occurred during the quarter.

ALLUVIAL MINING.

It seems probable that this branch of mining industry will soon assume a position of higher importance than has been the case for a long time past. Boring has proved the existence of leads on Welshman's Flat, which will shortly be worked, and if they turn out as valuable as is expected, will add considerably to the wealth and importance of the district.

The Hand-in-Hand Company, at the Deep Lead, has long been handsomely paying the shareholders, and the Band of Hope (the adjoining claim) seems likely soon to occupy as good a position. At the Deep Lead and Welshman's Flat Company's ground, winding and pumping machinery has been erected, and strong hopes are entertained of this also soon becoming a paying company. Adjoining the last-mentioned company is the Perseverance Company, in whose ground a very good prospect has lately been obtained.

BARKLY DIVISION.

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

No important mining operations are being carried on in this division.

The Wimmera Company have tunnelled a distance of about 100 feet into the hill, but have not struck the reef of which they are in search.

The Kara-kara (alluvial) Company have not yet bottomed, although their shaft has been sunk to a depth of nearly 150 feet. They find the water very troublesome.

About 250 miners still remain at the new rush at Barkly, but the yield of gold is very poor, and only averages from 2 to 5 dwts. to the load.

RAGLAN DIVISION.

Mr. C. W. Minchin, Mining Registrar.

The two principal mining parties in the immediate vicinity of Beaufort, viz., the Golden Fleece Gold Mining Company, on the Garibaldi Lead, and the Got-him-by-the-Wool Gold Mining Company, have been progressing steadily during the quarter, though chiefly engaged in main-driving. The latter have recently commenced blocking out again, with promising results.

The alluvial miners in the Waterloo and Charlton districts have been and are steadily engaged in getting machinery and plants into working condition, and some few of them have recently commenced working their ground, with very hopeful results, and if some who are now actively engaged driving for the supposed lead or gutter on the lower end, from which it has been traced, should get a fair prospect, I am led to believe that there will be a larger additional extent of ground taken up under leases.

The other portions of the district are very quiet at present.

GIPPSLAND MINING DISTRICT.

OMEO SUBDIVISION.

Mr. W. Phipps, Mining Registrar.

The trial crushings from three quartz claims near the old Charlotte Lease, Upper Swift's Creek (particulars of which are given under the proper heading), are considered satisfactory by the claimholders, and they continue at work. There have been three additional quartz claims opened on the lower part of Swift's Creek, on a new and very extensive line of reef. The reef varies from 2 to 6 feet in thickness, showing fine gold throughout. One of the shafts is down over 50 feet, the reef lessening in size at the bottom, which is to be expected, as the ground is getting harder and the reef more dense, but still having well-defined walls and showing gold. A large quantity of stone has been got up; but the mills at present erected, being all on the upper part of the creek, are too far off, and not any quartz has been crushed, the parties preferring to wait till they can obtain machinery of their own.

We have had heavy rains and occasional floods throughout the quarter, which has interfered much with alluvial mining, in which I have no change to report.

MITCHELL RIVER SUBDIVISION.

Mr. John Grimes Peers, Mining Surveyor and Registrar.

Nothing worthy of note has occurred in this subdivision since the date of my last report.

No quartz mining operations are being carried on.

The alluvial miners continue to earn fair wages.

No work of any importance is being executed on the galena mines at Buchan.

No water is sold in this subdivision for mining purposes.

BOGGY CREEK SUBDIVISION.

Mr. George Allen, Mining Registrar.

Quartz Mines.

The Sons of Freedom Company have given out tenders for sinking their shaft 50 feet deeper. During the quarter they have crushed 305 tons of quartz, which yielded 215 ozs. of gold.

The tributers of the Cassandra Reef (late Galway) have raised a trial crushing of 30 tons of quartz from the 110-foot level; the stone has been carted over to the Sons of Freedom mill to be crushed.

A prospecting quartz claim has been taken up on the old Champion Reef, and has been registered under the name of "The Vulcan."

All the other reefs are idle for want of machinery.

Alluvial mining is the same as usual; no new ground opened, no prospecting going on.

CROOKED RIVER DIVISION.

Mr. James Travis, Mining Registrar.

With respect to quartz mining I have little to report of a favorable character. Work on the Good Hope mine has, during the quarter, been brought almost to a standstill, nearly all the hands having been discharged, the few still retained being employed chiefly in prospecting the reef; and I hear of nothing in connection with the workings that leads to a belief that the prospects are improving.

On the Jungle Creek, the return from the Time-will-tell was very poor, as was also that from the Bismark, while from the Bright Star the yield was exceedingly good. This reef was lately discovered by Chrisman and party, being situated only a short distance from the Bismark. So far as appearances go, it is, in my opinion, the most promising reef in the division.

The crushing from the Annie Laurie did not come up to expectations, but was very good nevertheless, paying well for the amount of work done upon it.

The falling off in quartz mining has had a beneficial effect upon the alluvial, leading to a more general prospecting of the rivers and creeks. Several good claims have been opened up on the Crooked River, Good Hope, Good Luck, and Jungle Creeks, some of which are paying more than ordinarily good wages.

No water sold in this division for mining purposes.

JERICHO DIVISION.

Mr. R. J. Donaldson, Mining Registrar.

There has been nothing whatever done in quartz mining during the quarter; and the great quantity of snow that fell on several occasions during the time has interfered considerably with the alluvial miners, whose operations are carried on principally in the beds of the creeks.

The yield of gold for the whole division has been unusually low.

DONNELLY'S CREEK DIVISION.

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

Bismarck United Company.—This company have had two crushings during the quarter, yielding 655 ozs. of gold; the underlay of reef is west, strike north; number of men employed, fifteen.

Gippsland Consols Company.—Number of men employed, sixteen. The quartz was obtained at 300-foot level, above and below junction of east and west reef; strike of gold, south.

Golden Key Quartz Mining Company.—Average number of men employed, six. This company struck good gold in their deep workings a week or two since; reef solid and well defined, from two to three feet thick; underlay, east; strike, south. I anticipate a good report from this mine next quarter.

The United Star Tribute.—Number of men employed, eight. Thirty-eight tons of stone crushed at the Golden Key battery gave a return of 51 ozs. 10 dwts. The reef being small and the ground hard, the men have given up the tribute.

Crystal Reef.—Work stopped; the reef ran out, and further prospecting trials on the line of reef failed to discover its continuity.

There is a small influx of alluvial miners, who are now preparing for the summer workings of our mountain streams.

Freestone Creek Deep Lead Prospecting Claim.—The shaft on this claim was bottomed on 23rd September, at 125 feet 6 inches, on blueish slate, dipping eastward at an angle of 30°. Four dishes of washdirt from eastern side gave prospect of 2 dwts. Water very difficult to keep under, coming in at the rate of 3,000 gallons per hour.

Seventy frontage claims on supposed line of lead have been marked out, thirty-five north and thirty-five south; these are held in suspense until direction of lead has been ascertained.

The holders of claims to the north of company's ground propose to amalgamate and immediately proceed with a shaft.

STRINGER'S CREEK DIVISION.

Mr. E. S. Gutteridge, Mining Registrar.

The yields from the two principal mines, viz., the Long Tunnel and the Walhalla Companies, continue very regular and satisfactory, and favorable hopes are entertained of quartz mining operations being resumed in ground which has been lying idle for some months past.

The United Walhalla Gold Mining Company, being an amalgamation of the claims of the late Empress, Emperor, Molesworth, and Golden Fleece Companies' ground, has lately been successfully floated, consisting of 30,000 shares of £1 each, and as every appliance for working the mine is on the ground, operations will be immediately commenced.

North Gippsland Company.—The tributers are still employed in the upper workings on payable stone, and the main shaft is being sunk a further distance of 50 feet.

The Mountaineer Company.—A trial crushing of 20 tons took place at the Bismark battery, Donnelly's Creek, which resulted in a yield of 6 ozs. 15 dwts. of gold, or an average of 6 dwts. 18 grs. per ton; and as the directors of the company consider the stone of a payable description, it is intended to erect a battery as soon as practicable.

Wilson's and Barthold's, Aberfeldy.—A battery of 10 head stamps has been erected, and a crushing of 450 tons took place, which yielded 215 ozs. gold, which was considered very satisfactory.

RUSSELL'S CREEK DIVISION.

Mr. Charles Gadd, Mining Registrar.

There has been nothing doing in quartz mining during the quarter. The Cross Reef Company, Pheasant Creek, only have a few hands on, to further prospect the mine; all other companies have suspended work for want of funds. In alluvial mining matters are much the same as in the quartz. The Pioneer Company, at Tanjil, having obtained good prospects, have just finished the erection of a whim, and when in full work the manager is very sanguine of good returns. From all other sources I hear nothing but complaints of the scarcity of gold; one prospecting party having just returned from near Mount Baw-Baw quite disheartened.

BENDOC SUBDIVISION.

Mr. John Nichol, Mining Registrar.

Mining in this subdivision with respect to quartz claims has taken a more animated turn, and many of the claims that were abandoned have been taken up, and those occupied are raising stone.

The proprietors of the Cerberus machine have completed their crushing plant, having spared no expense in obtaining the desired power for their machine (viz., overshot for their water-wheel). They have had a crushing of some 20 tons of stone from the Venus quartz claim, which yielded 10 dwts. per ton; they are now operating upon stone from the Albert Reef, and up to date have crushed 2½ tons. Some of the shareholders of this claim are raising stone from a new shaft east of the old workings, in a north and south reef; they are down about 30 feet.

The Aurora Borealis Quartz Company have on grass about 90 tons of stone ; the stone appears rich. The reef at their 75-foot level is over 4 feet, and well defined. I am informed they have applied for ground adjoining the Prospecting claim, and intend forming a company under the Limited Liability Act ; also they have purchased the steam plant, the Phœnix, of 16 horse-power, with tubular boiler of some 5½ tons. This plant is still at Bendoc, on the Morning Star ground, which is now completely abandoned ; they are anxious to have their plant removed to their own ground, a distance of some 12 miles over a very broken country, but the bad state of our roads and bridges, which are almost impassable, will prevent them at present attempting to do so.

The Venus Quartz Company are raising stone, and have about 40 tons grassed ; down about 30 feet ; have let a contract to sink 50 feet more ; the reef averages about 18 inches.

The Union Jack Quartz Company have nearly completed the erection of their dolly for crushing, consisting of wooden stampers, iron shod ; they have been raising stone, and have a good quantity grassed preparatory to crushing.

Many other claims formerly at work, viz., The Morning Star, Come Love, Homeward-bound, and Rising Sun, and others, are all abandoned.

The alluvial miners have, comparatively speaking, done nothing this quarter ended, owing to the incessant snow and rain flooding their claims.

TARWIN SUBDIVISION.

Mr. John H. Sandilands, Mining Registrar.

I regret to have to state that mining operations generally throughout this subdivision for the past quarter have been very poor, and marked by a decided decrease both of miners and yield of gold. The alluvial claims especially have nothing worthy of note.

The No. 1 South Quartz Mining Company have about two hundred (200) tons of stone on hand, which they expect to crush in about a fortnight, and it is generally supposed that it will be the richest stone that has yet been got in this neighborhood.

The Golden Bar Company have also a few tons of stone, which they will crush in a few days.

TRARALGON SUBDIVISION.

Mr. Charles Denis, Mining Registrar.

There is nothing unusual to report since last quarter. The weather is still very cold, wet, and stormy ; the rivers and creeks all flooded, and have been so for the last two months. Good indications of gold have been found on the second section of the Gippsland Railway Line between the Narracan Creek and the Morewell River ; the country is open, lightly timbered, and comparatively free from scrub.

APPENDIX.

NEW VEGETABLE FOSSILS OF VICTORIA,

DESCRIBED BY

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

[CONTINUED.]

Dieune.

Fruit bivalved to the base, globular, smooth; valves thick, hard, almost bony; cavity central; septa none. Placenta parietal, thinly filiform, traversing in a single line the middle of each valve longitudinally. Ovules oblong, four to each valve, attached at about equal distances to the placenta. Seeds unknown.

The name of the genus—from δις and εὐνὴ—is selected in reference to the valves of the fruit, only two, on which the seeds are lodged.

The position of the ovules, not sutural, removes this genus from Proteaceæ, although external resemblance is pointing to the woody-valved Grevilleæ. Its true alliance must perhaps be sought among Capparideæ or Pittosporeæ; but in the absence of the foliage and floral organs the exact systematic position of this probably arboreous plant must remain unsettled for the present. The perfectly valvular fruit separates this genus most readily from Plesiocapparis.

Dieune pluriovulata.

In the deep drifts of the older pliocene formation at Haddon; John Lynch, Esq. Communicated by R. Brough Smyth, Esq., F.G.S.

As yet only two samples of this fossil have been found; one consists of a single valve showing the number of ovules as stated in the description; the other specimen, of which both valves are extant, exhibits no traces of the ovules. Both these fruits measure somewhat less than one inch; one is quite turgid; the other is slightly compressed; a faint channel communicates from the base of the capsule through the pericarp with the lower extremity of the placenta. Major Shepherd's creditable drawing renders a further description superfluous.

Platycoila.

Fruit bony, egg-shaped, slightly rough outside, separating into two valves; septa none. Cavity sideways widely expanded. Seed smooth, solitary, basifixed, arising from the bottom of the cavity, sessile, in its immature state oblong-oval.

The generic name—from πλατυς, broad, and κοιλα, hollow—alludes to the ample cavity of the capsule, which on transverse section represents a cordate or almost renate outline, and affords thus a characteristic mark by which this genus can be recognized without difficulty in comparison with Conchotheca. It would be unsafe to effect the union of both, especially as we do not yet possess the leaves and flowers for demonstrating generic discrepancies or analogies.

Platycoila Sullivani.

In auriferous drifts of the older pliocene strata, near Nintingbool; J. Lynch, Esq. Communicated by R. Brough Smyth, Esq., F.G.S.

This fossil plant received its specific name in commemoration of the Ministerial administration of the Victorian Department of Mines for a lengthened period by the Honorable J. F. Sullivan, M.L.A.

Fruit varying in length from $\frac{1}{3}$ to $\frac{2}{3}$ of an inch. Pericarp comparatively thick, turgid on all sides, but more so in its ventral than its dorsal portion. Mature seeds unknown.

This fossil is particularly deserving further attention of residents in the district where it was disinterred. Both the definition and drawing had to be effected from very fragmentary remnants. A single valve apparently of this species occurs among the fossil fruits recently sent from the River Tangil.

Phymatocaryon angulare.

Valves three, roundish-ovate in outline, somewhat acute, irregularly rough but not distinctly warty on the outside, forming a prominently triangular capsule.

In the deep drifts at Smythe's Creek in older pliocene strata; J. Lynch, Esq. Communicated by R. Brough Smyth, Esq., F.G.S.

The description and drawing are from a solitary specimen, long laid aside by me with a hope of obtaining additional material for the study of this species. Such not having been gained in the course of several years, it was deemed advisable to place this fossil fruit now on permanent record. If the absence

of a sarcocarp in this species and its undoubted presence in Phymatocaryon Mackayi can be proved, then the separation of this new one from the genus, in which it is provisionally placed, will become unavoidable; the structure, however, of the valves and the attachment and form of the seeds are congeneric, as may be observed on reference to Major Shepherd's accurate delineation. The length of the fruit is nearly 1 inch, that of the seeds 3 to 4 lines. Some external resemblance to the fruit of Penteune brachyclinis is apparent; both, however, are distinguished easily by the number of their valves.

It may be of interest to add on this occasion, that the typical Phymatocaryon Mackayi has more recently been found in at least one locality of New South Wales, according to specimens transmitted by the Rev. W. B. Clarke, also on the River Tangil, and at Eldorado, near Beechworth. In all these places it is accompanied by Spondylostrobus Smythii; while the collections, formed by R. A. F. Murray, Esq., on the River Tangil, when that gentlemen was engaged there as Geologic Surveyor in departmental work, have demonstrated that likewise Platycoila Sullivani and Celyphina McCoyi occur on that river; we may therefore now assume, that at the early pliocene period these trees were constituting a main portion of the forests over very wide tracts of South-East Australia, impressing features on the landscape singularly different to those of the present era of vegetation under our geographic latitudes and meridians. At the Eldorado mines, near Beechworth, likewise Penteune Clarkii and P. trachyclinis as well as Trematocaryon McLellani have shown themselves, according to collections lately transmitted by R. Arrowsmith, Esq., Mining Surveyor, Chiltern. The hitherto so rare Odontocaryon Macgregorii has also now been sent in several specimens from the last mentioned place; hence we have learnt, that its fruit assumes occasionally an oval form, that it developes sometimes as many as three collateral seeds, and that the teeth of the pericarp are often all bent inward, thus forming almost valves to the apex of the fruit. The testa is shining, very minutely and closely dotted, whereby the most subtle reticulations arise on the surface of the seeds.

Conchotheca turgida.

Fruit small, very turgid; valves acute at the edge, outside often distantly wrinkled; cavity deep, roundish; testa smooth, shining.

At Nintingbool in the older pliocene drift; also at the Tangil.

The fruit measures from $\frac{1}{2}$ to $\frac{2}{3}$ of an inch in length. Not unfrequently one of the valves is traversed for about one third of its length by a keel-like prominence.

Of the several new localities, from which fossil fruits were latterly gained none as yet has yielded us any species additional to those, which were brought to light at Nintingbool; nor up to this time has the result of various local searches enabled us to elucidate these bygone forms of vegetable life, in reference to the nature of their foliage and their floral organization. The field of discovery remains therefore yet open, not merely in this respect, but it seems also most probable that the plants, which have been defined carpologically in these pages, were constituting only a small proportion of a sylvan vegetation, which, under a once milder sky, must have been singularly varied and exuberant, and of which all traces remain hitherto concealed from us.

EXPLANATION OF LITHOGRAMS.

PLATE IX.

Dieune pluriovulata.

FIG. 1.—A single valve in a reversed position, exhibiting the ovules attached to the placenta.
2.—Two valves of a slightly compressed fruit, presenting the inner side.
3.—Dorsal view of a fruit before the separation of its valves.
4.—Lateral view of the same.

Platycoila Sullivani.

FIGS. 5–9.—Five fruits of natural size, showing respectively the surface and cavity, also the valves separately; and in Fig. 9, exhibiting the seed.

PLATE X.

Phymatocaryon angulare.

FIG. 1.—Side view of the unopened fruit.
2.—Unopened fruit, presenting its summit.
3.—Fruit opened lengthwise, presenting its three cells, one containing a seed, suspended from the apex of the cavity.
4.—Seeds seen separately.

Conchotheca turgida.

FIGS. 5, 9.—Side view of the whole fruit.
6, 10.—Whole fruit presenting the apex.
7.—Whole fruit presenting the base.
11.—Whole fruit presenting the sutural edge.
8, 12.—Valves separated, in 12 with a shrivelled seed.

All figures of natural dimensions.

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DIEUNE PLURIOVULATA

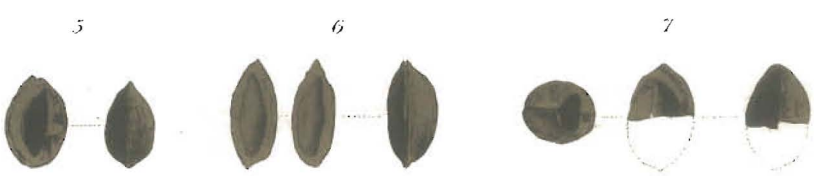
Figs 1–4

PLATYCOILA SULLIVANI

Figs. 5–9.

F. von MUELLER.







PHYMATOCARYON ANGULARE

Figs 1–4

CONCHOTHECA TURGIDA

Figs 5–12.

F von MUELLER.

