

EXTRACTS FROM "NIGHTLY NEWS" AND "SEVEN TIMES"
COLLECTED BY STICOTE, REMOVED, CO. TERFIELD,
SPAYTON, WRECC etc.

1858 - 1914

(some gaps in coverage)

Typed from hand written notes at
Mines Dept., Sandiac, in 1923.

Duplicate set

4-12-58.

Gold price £3-15-6.

Prospecting Association. Criticism of regulations.

At Race Course and Caledonia Gully several claims, 60' x 60' were marked out.

Wattle Flat. Several new claims opened near its head.

Yield up to 1 os. per tub.

Stagpoole & Co. Working 5 miles from Heathcote, on road to Speed's Station.

At 135' depth a body of quartz was struck, spread over its top was a layer of substance 2 - 3" thick (black lead?). The stone being broken showed metal veins (iron pyrites or sulphuret of copper?).

Wild Duck Rush. Some washing 3-6 dwt's coarse gold per tub.

3 os. nugget found.

One face paid £20 a man per week.

11-12-58.

Article stresses need of organised, if necessary subsidised prospecting.

Caledonia Reef: Crushing result 16 oss. per ton.

Red Hill: Parties prospecting for quartz.

Reedy Creek quartz: Over 20 os. per ton. One of finest specimens of amalgamated gold ever found in Victoria weighing 43 oss. from 2 tons of quartz.

Several claims opened in main road.

The Creek. Some parties met with extraordinary success.

Morning Star. 4 nuggets weighing 3 lb. 3 oss., the largest 21 oss. 8 dwts.

Perry's Claim. 10 lb. weight of ore nuggatted out in a day, then 10 lb, then 7 lb. 6 oss. (Total 47 1/2 lb. in 3 days).

Another party in 3 days: 10 os. 2 1/2 os. nugget, 100 lb. in nuggets (- 8 dwts.)

Another party: Nugget weighing 1 lb.

Lower Creek: Prospector reached bottom after week's work. Miscalculated depth of cut towards road (18', bottom dipping towards road).

18-12-58.

Creek Miners bring in large parcels of gold.

Perry's Great Eastern yielded 23 lb. weight of gold.

Perry's Gully. Parties at work with considerable success 1 mile this side of Malvor's Inn.

Gold price £3-15 to £3-17-6. Export (fortnight): 1822 os. 10 dwts.

Rushworth, Canadian Hill: Payable quartz vein discovered.

Growler's Reef very dull. Deep shaft being sunk to test reef.

25-12-58.

Gold export (fortnight): 1351 os. of gold dust, plus £1853 wash.

Wattle Flat Reef, between Long Gully and Argyle Gully, yielded fine sample zinc amalgamated gold, weighing 26 os. 18 dwts., produced from 2 1/2 tons of quartz.

Sir Henry Markly reef: Reference to nugget of 650 os. found previously.

Great Eastern Claim: " " " " 94 os. " "

Harrow & Co's Claim.

The last three claims lie close by each other. The heaviest finds have been made towards the road and the fine gold lies in greater quantities towards the big range which presents no indications of quartz. Opposite is a cluster of small hillocks. It is assumed that the matrix of this portion of the creek gold is in them. Testing one of them should be worthwhile.

Sir Henry Barkly Reef: Party cutting towards big range, picked up a 4 oz. and a 5 oz. piece, stuff washing 1 oz. per load. The range bounding the east side of this creek is Silurian.

Morning Star: Stuff washes 1 oz. per load. Nugget of 22 oz. was taken out.

Golden Gate: Good depth of payable stuff.

Percy's Great Eastern: Took up bottom, picked up 2 and 3 lb. weight of gold. Road. Some parties at least must be doing well. All holes have to be filled up again.

Leslie Harrop, Teague, Atkinson & Co. One patch 440 weight.

Altogether 70 oss. in a week. Are within 12' of the road.

1-1-59.

Gold escort (14 days) : 1351 oz. 10 dwts.

Leading article demands a Prospecting Association to work the whole district systematically since so far all recent large yields have been taken from upper end of creek only.

New claim opened on old Resecourse Reserve.

Sir Henry Barkly. Large nugget was found weighing (incl. a small one found nearby) 308 oz. 16 dwts. (gross weight 328 oz. 16 dwts.) The finer gold picked up in the neighbourhood weighed 35 oz. 10 dwts. 18 grs. incl. nuggets of 11, 11½, 6½, 6 oss.

In addition, the wash dirt will pay about 1 oz. per load. Fare extends over 150 ft.

Wild Duck Creek. Bottomed a hole at 50' on a made hill ("British and American Hill"). Near surface 7' of cement, ½' of black cement within 4' of the bottom. Then they drove 25'. 8 tubs produced 23 dwts, 18 grs. Hill Crest ½ lies ½ miles south of Campbell's store. Prospected 4 years since.

Old Race Course: Sunk 60'. Having passed the old alluvium, through usual bottom, 15' below which they encountered a conglomerate of ironstone boulders, blue cement and small well-washed quartz. It resembles exactly the stuff found in deep hills at Taradale which yielded richly. On one side of shaft a slate reef runs down perpendicularly.

Quartz. Splendid cakes of amalgamated gold held at the bank.

One weighed 71 oz. 11½ dwts. (from 9 tons of quartz on Caledonia Reef),

one weighed 35 oz. 9 dwts. (from Albert Reef, Rushworth).

Great Eastern. 10 lb. of gold taken out of the last bottom.

8-1-59.

Gold escort : 2102 oss. plus £675 in cash.

Nearly 400 oz. of amalgamated gold taken down in week proving that many turn attention to quartz reefs.

Leslie, Atkinson & Co. Dirt washed: 3 Oz. per load. Picked out nuggets 69 oss.

Morning Star. Picked up 17 oz. nugget.

Great Britain Claims: Flat, smooth nugget weighing 6 oz. 8 dwts. 12 grs.

15-1-59.

Gold escort (14 days) : 2102 oz.

Business brisk. Runderholt Gully employs 90 - 100 miners, averaging 1 oz. per load. Fine nugget weighed 22 oz., another 64 oz.

Wild Duck Creek. Some parties doing remarkably well.

Two fine cakes of amalgamated gold. One from 9 tons of quartz from Caledonia Reef, 72 oss. 3 dwts. 6 grs. the other from Reedy Creek.

Leading Articles: "Our Monster Nugget". Complaints about apathy.

Within few weeks gold weighing 44 and 27 lbs have been turned out. Efforts to strike the lead have been demultory owing to water in lower strata.

Sinking 15 to 20'.

Swade's Gully. Nugget 22 oz. 5 dwts, another 75 oss., smaller ones $\frac{1}{2}$ to 2 $\frac{1}{2}$ oss.
Parson's and Thunderbolt Gullies. Very fair yield, stuff averaging $\frac{1}{2}$ to 2 oss. per load. Sinking 10-12', 2-3" wash dirt. Situated $\frac{1}{2}$ mile distant beyond top of Golden Gully.
Wild Duck Creek. New hill opened, $\frac{1}{2}$ mile from old diggings, sinking 50'. 12 holes.
Leslie, Atchison & Co. nuggetted in 4 days 260 oss., incl. one of 3 lb. Wash - dirt averages $3\frac{1}{2}$ - 4 oz. per load.
Great Eastern. 30 men working. Average 1 oz. per load.
Harri Jig. " $2\frac{1}{2}$ oz. " " "
Hokema and Party. " $3\frac{1}{2}$ oz. " " " Nuggetted 27 oz.
Moonlight Claim " 1 oz. " " "
Ready Creek. Cake of amalgamated gold 80 oz. from 15 tons crushed from Prospecting Claim.
Gouldsm. A reef, discovered at rear of camp, yielded 29 oz. 6 dwts. from 1 ton of stone crushed.

21-1-59.

Gold exports: 2009 oz. 10 dwts. + £1644 cash, incl. 500 oz. of amalgamated gold.
Thunderbolt Gully. Population greatly increased. Most doing well. Average $2\frac{1}{2}$ - $3\frac{1}{2}$ oss. per load. Several creek claims disappointing.
Hattle Flat. 50 men working, various results. Average $\frac{1}{2}$ oz. - 1 oz. per load.
Leslie, Atchison & Co., one of the smallest on the creek, averaged £30 per man in a week. Yielded £600 in 3 months, 3 more months work left in the claim.
Harri Jig. Washing result 25 oz. in a week, incl. a 3 oz. piece.
Lenna & Co. realized 3 oz. per load.

28-1-59

Gold price risen to £3-15-6 to £3-16. Escort (14 days) 2009 oz. 10 dwts. Business brisk.
Thunderbolt Gully. New reef struck at head of gully, gold visible in nearly all the quartz raised.
Wild Duck Creek: Good accounts.
The Creek, Morning Star. Nugget 9 oz.
Great Eastern just paying wages.
Leslie, Atchison & Co. About £30 per man this week.
New Reef: 5 parties struck payable stone.

4-2-59

Gold price: £3-16.
Business average.
Thunderbolt Gully: Still good. Nuggets 10 oz. 5 oz.
Wild Duck Creek: Population increasing. Prospecting.
Articles on Mining Board and on Quartz Mining Regulations.
Creek: Claims not looking well, some abandoned, others only paying expenses.
Parson's Gully: Nuggets 9 oz. 12 dwts., 5 oz.
Leslie, Atchison & Co. most fortunate. One piece 13 oz., besides nuggets netting £30 per man. Wash dirt averaging 2 oz. per load.
Harri Jig very remunerative. Nuggetted 30 oz. this week.
Trainer & Co. completed a cut 7 x 40' very satisfactory. Yielded 7 lb. in wash, wash dirt averages 2 oz. per load.

11-2-59.

Gold Escort (14 days): 1924 oss. Price: £3-15-6 - £3-16.
Caledonia Gully yielded cake of amalgamated gold, 67 oz., one of purest samples ever produced on Molvor.
Good accounts from Thunderbolt Gully and Wild Duck Creek.

18-2-59.

Escort: 3113 oz. 10 dwts. + £1569 cash.
Business brisk. Article invites capitalists to invest to stimulate mining. Population estimated at 3000, half of which engaged in mining.
Kirkham's Reef. Prospecting claim at head of Spring Flat; discovered 3 weeks since. Width of reef 18 - 20'. Gold has been found wherever tried. May become one of most profitable reefs on Molvor. Ran out at 40', but came in again 3' below.
Creek: Poor returns, with exceptions.
McKenna: Nuggets 8 lb.
Mosquito Gully. Rush, with 500 people working a week ago, has dwindled to 120. Expectations not fulfilled.
New rush near New Reef.

25-2-59.

Leading article: "Mining Lease Regulations".
Gold price: £3-16 to £3-16-6 - Escort (14 days): 3113 oz.
Fine samples of amalgamated gold from Heedy Creek and Caledonia Gully.
Good accounts from Mosquito Gully and Wild Duck Creek.
Several large parcels of gold sold, one of 86 oz. from Caledonia Gully.
Ray & Co. Crushing yielded average of 7 oz. per ton. Very fine lump of amalgam, 95 oz.
Heedy Creek. Two parcels weighing 204 oz. or 27 oz. per ton.
Machinery on the spot under construction.
Kirkham's Reef. Depth 45'. Reef 18" thick, more solid with increasing depth. Gold visible in quarries wherever broken, coarse and richer with increasing depth.
Parson's Gully. Great activity.
Mosquito Gully. Great rush reminding of olden days, but little success.

4-3-59.

Escort: 2971 oz. + £1324 cash.
Article criticizing new Mining Lease Regulations.
Creek claims: Some fallen off considerably, other exceeded expectations.
Fine lump of gold found in Creek claim, weighing 187 oz. 7 dwts. in unpromising ground.
Leslie, Atchison & Co. Continue most satisfactorily. 45 oss. per man last week. Besides 3 lb. nuggets + wash dirt.
Merri Jig. Average 2½ - 3 oz. per load. Nuggetted 62 oz., 42 of which is in one patch.
McKenna: Average 1 oz. per load.
Morning Light: Astonishing yield, 800 oss. in 2 weeks incl. 260 oss. in nuggets.
Mosquito Gully. Average ½ oz. per load. Maximum 1½ oz. per load.

11-3-59.

Escort (14 days) : 2171 oz. 10 dwts.
Creek claims almost worked out.
McKenna & Co. One week's washing netted £210.
Merri Dig. Average 2½ oz. per load expected.
Morning Light. Nuggetted 100 oz. in a week. Wash dirt averages 3 oz. per load.

8-4-59.

Gold price per ounce Heathcote : £3-16 to £3-16-6.
Sandhurst : £3-16 for alluvial,
£3-16 to £3-16-6 for amalgamated.
Gold return, fortnightly, from Heathcote : 1,281 ounces.
Public meeting called to establish a prospecting association. (meeting did not materialise).
Mosquito Gully. A lead of gold has been found which is being traced up and along the side of the hill to W. Some are getting 5 oss. to the load. Nearly all upon the lead are washing from 2 to 3 oss. to the load, those upon the outside ground were making wages. Several arrivals from Daisy Hill have located here, wisely preferring a certainty to uncertainty. Sinking is about 35 ft, dipping chiefly in pipe-clay. The diggings are about ½ miles from the creek to which the wash-dirt is carted at the rate of 3s. per load.
Reason to believe that payable gold will be traced from this place to Wild Duck Creek and from there to the Campaspe. Intervening gullies, when prospected, may prove capable of remunerating thousands.
Butler's Reef. Meeting of quartz miners and others interested, to consider most effective method of working the reef and to take preliminary steps to form a Company. The reef at present is held by four claims sunk to 100' - 170 ft., neither of which can be worked by the shareholders, owing to flow of water. As powerful machinery is required, it is desirable to amalgamate the four claims, but as cash capital is required, present shareholders decide to sell out to the new company, taking its share in payment. From Pivos' claim 8 oss. to the ton were obtained when they were driven out by water. From the depth of 75 to 120 ft., 500 oss. had been taken out.
Protest meeting against Government sale of auriferous lands at Whroo.

15-4-59.

Mining Board Election.

Mosquito Gully appears the most favoured one. Fair wages, population increasing steadily. Lead still continues up the hill, traceable to Sawpit Gully. Slight rush took place on the side towards the main road when the prospecting claim got 2 dwts. to the tub. At lower end of Golden Gully 3 oss. were taken off a bottom.
Upon the creek the few claims at work are only paying good wages, and nearly all worked out. In almost every hole sunk, gold has been found. Little new ground to be found near other old diggings, whereas Malvor, comparatively is barely prospected.

5-8-59.

Ad: Macworth Pioneer Quartz Mining Co & Crushing Co. (Ltd.)
Installation of machinery. Over one ounce a ton has been yielded in most instances from surface quartz. In many places 7 dwts. per ton, 100 oss. per ton from a claim close to township. Applications for shares are invited.

Gold price, Heathcote, £3-18 to £3-18-6.

Development of Resources. Leading article calls for development of Molvor Goldfield, by means of science, machinery, and capital.
Gold on the Campaspe. Small sample of gold obtained between the Crab-hole Ranges and Bagshot. The gold, with more or less quartz attached to it, was found by a shepherd 1 1/2 miles off Kennedy's Inn, on the Campaspe. It has been detached from surface stones of a quartz reef and is the latest proof of the auriferous nature of the country at Bagshot and beyond it.

26-8-59.

Gold return, fortnightly, from Heathcote: 1,741 oss., from Rushworth 724 oss.
Molvor Mining Intelligence.

Rush at the end of the township is nearly worked out. All claims now only washing about a det. to the tub.

Many parties now prospecting the flat below Mt. Ido Hotel, one party is sinking directly under the range, at the back of the Oriental Bank. Some got small prospects, but not sufficient to pay. It proves however that gold exists in the flats.

Sawpit Gully. Many claims on this lead paying well. The rush extends to the Bendigo road.

Mosquito Gully. Still paying throughout, the same as when first opened.

Wattle Flat. Mainly puddling operations, with very fair results.

Beautiful specimen of surface gold of about 12 oss. washed in a machine from 30 leads.

Quartz. One bucket of quartz crushed produced 265 oss. of gold. Gold seemed to lie in bars embedded in the quartz, indicating to continue so. It is believed that in a few months The Goulburn will take its stand as greatest quartz district in Victoria. A new machine will grow.

John O. Paragomath asks for abolition of gold export duty.

2-9-59.

Gold Escort: Heathcote - Melbourne 1400 oss.

Machinery on Rushworth Claim on celebrated Fletcher's Reef to be sold to Adam Staopoo, who is going to purchase extensive crushing and puddling machinery. The yield on this line in last few weeks has been without parallel in Victoria, and the stone now being raised promises to exceed the last crushing when a bucket yielded 265 oss. Nearby in Chinaman's Gully and Flat, scenes of very successful puddling operations. Successful mining in the old lead, Mangaroo Flat.

9-9-59.

The Leasing Speculation. Abandoned tailings which would not remunerate tub and cradle, are being worked over again in a rough way by Chinese, but companies are being established to operate machinery on them. Rights of individual miners must be protected. Miners should form companies, using capital and machinery.

Public meeting called to discuss new system of Mining Leases. Protest against monopoly.

16-9-59.

Gold Price, Heathcote: £3-19 to £3-19-6.
Escort to Melbourne: 1,489 oss.

23-9-59.

23-9-59.

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Gold, fortnightly return, Heathcote: 1,484 oss.

Moquito Gully. Gold yield slightly increasing.

Wattle Flat. Puddling operations to a great extent, doing well. Also a good number of tub and cradle men. Working, being sure of making a living.

Sawpit Gully. Number of miners working is decreasing, but some of the original men still sticking to it.

The Creeks. Paddocks which were opened below Richardson's are all abandoned. One claim seems good paying ground.

30-9-59.

Goalburn (Quartz Reefs. Reefs in Rushworth district are said to prove not remunerative, except a few claims, e.g. on Chinaman's Hill where a splendid take of gold weighing 182 oss. was obtained from 10 tons of quartz, or over 18 oss. per ton.

The sludge nuisance is getting worse. Puddlers are believed to pay £25 - 30 per week to clear main sludge channels (in winter twice as much). Some formerly profitable places therefore do not pay expenses. Government grant asked for.

Notice Meeting of Co-operative Mining Association.

14-10-59.

Gold Escort Heathcote to Melbourne: 1479 oss. and £1,200 in cash. General complaints of miners about water storage, causing depression in business. Many left for Sandy Creek.

Sawpit Gully. Miners generally satisfied.

Sinking is very shallow, good depth of wash dirt.

One or two claims washed 1 oss. per bucket.

Moquito Gully. Nearly deserted.

Back of Rodney Hotel: possibility of a lead of gold. Beyond the township fairly good results in working the old ground again.

28-10-59.

The Sludge Nuisance. Protest against appointment of an inexperienced Warden by Government. Re-discovery of the far-famed Malver Creek lead. Cheering prospects for those who touched the bottom (but whose claims are now covered by sludge). Extends right down the flat, towards northern end of township. Sludge must be stopped. Lead of gold is believed to traverse the entire length of Malver valley. Sludge from machines etc. threatens to bury the lead, to spoil the beauty of the valley, to ruin the water supply. Government assistance demanded. Public protest meeting called.

Malver Creek lead re-discovered near old "Prospector's Claim", the lowest on the creek, at the back of Rodney Hotel. One party washed 8 oss. of gold out of 6 buckets of stuff, another 3 oss. from 2 tubs off the dip.

A good prospect has been obtained on the rise between Moquito and Sawpit Gullies.

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4-11-59.

Gold Price, Heathcote : £3-18-6.
Gold Returns, " fortnightly : 1,382 oss.
Gold Return " " " 714 oss.
Parties working in the creek have cut a channel to carry off sludge.

11-11-59.

Gold Price, Heathcote : £3.18.
Some very good gold finds on the new Melvor's Creek rush.
One nugget of 4 oss. Excellent prospects. One nugget weighing 62 oss,
another 486 oss.
Quartz reefs at the Goulburn show lesser yields.

18-11-59.

gold Escort, Heathcote to Melbourne: 1579 oss. and £6941 in cash.
Nuggets from the Creek weighing $3\frac{1}{2}$ - 6 oss. Some very good specimens
from Caladonia Gully.
Wattle Flat and Mosquito Gully : Improvement.
Sawpit Gully almost deserted.
On the hill leading from Mosquito to Sawpit gullies, some very good patches
found, but water shortage prevents rush. Several ounces washed from
working 25 or 30 ft.

25-11-59.

Alluvial mining on the Goulburn is flat, stale. But on the Old Lead
parties are doing well, yet lack of water felt badly. Several quartz reefs
turn out first rate, 91 oss. having been crushed in a week out of 32 tons
of quartz.

2-12-59.

Mining Leases granted.
Extract from Mining Surveyor's Reports, published by order of the Board of
Science. (For October) : Mining population statistics puddling and crushing
machines. Gold yield October: 2261 oss. Rush to Melvor creek and to Wild
Duck Creek.

8-12-59.

Arguments between the Co-operative Mining Company and the Warden, re.
Mining Leases.
Argyle Gully. Parties working at the bottom, some doing fairly well. Gold
has been found on the side of the range opposite the paddocks. Some of
the claims in the Creek are getting gold in considerable quantities. Camp
Reserve was rushed.
List of Mining Leases.

16-12-59.

A splendid nugget weighing 52 oz. found on flat near Smith's auction mart, in an old hole, near where some of richest deposits were found. Several parties doing very well in old and new creek claims.

Prospectus of The Melvor Steam Puddling and General Mining Company.

Melvor New 1/60

7-1-60.

Gold Escort, Heathcote to Melbourne : 1221 oss.

13-1-60.

Some very good returns by miners, incl. nuggets from 1 oz. to 7 oz. Co-operative mining company is disbanded, achieved nothing. But the Melvor News encourages miners to continue this method instead of concentrating on a particular piece of land then giving up, otherwise capitalists cannot be blamed for serving the ground. Mines in the Melvor's Creek below Richardson's, are more than ever satisfied.

20-1-60.

A crushing of the Caledonian Quartz Mining Company yielded an average of 6½ oss. per ton. The rate of amalgam weighed 166 oss. A splendid nugget of 12 oss. was recovered from an old creek claim, near the Sir Henry Barkly claim where the nugget was found which weighed 650 oss. by Phelon and Co. last summer. There is no doubt that these paddocks contain more gold than has ever been taken out.

Miners working below Richardson's think they may be on the continuation of the old creek lead. Most gullies are deserted as many miners going to the new rush at Avoca.

27-1-60.

Ad: Prospectus of The Melvor Steam Puddling and General Mining Company.

3-2-60.

Leading article on the sludge nuisance, criticism of new parliamentary representative, Mr. Gray, for belittling its importance. Gold escort to Melbourne: 1146 oss. 10 dwt. plus £620 in cash. Election for Heathcote representation on the Sandhurst Mining Board. The "Bendigo Mercury" says: The Sandhurst Mining Board so stinks in the nostrils of the community, and has become so bankrupt in character and usefulness that no regrettable person will be willing to candidate for it.

17-2-60.

A splendid cake of amalgamated gold was obtained from Norris and Co's claim, top of Argyle Gully, weighing 58 oss. being the produce of 14 tons of quartz, at the rate of 4 oss, 3 dwts. per ton. The reef has been worked by 3 men about 9 weeks.

Several parties are working new reefs and prospecting in the bush towards Goulburn. A party near Hyde's station sent in a crushing of 7 tons on trial which yielded 33 oss. of gold. Innumerable reefs in the locality would pay for workings.

Considerable activity at the new rush on the creek, between township and Black Swan Hotel. Nearly all are said to get from 1 to 4 dwts. per tub, some 1 or 2 oss. per tub. The gold is very coarse and nuggety, some pieces of 6 $\frac{1}{2}$ and 4 oss. If capital was available, rich deposits could be exploited. Suggest the storekeepers should subscribe money to make proper prospecting possible.

Puddling almost stopped owing to dryness.

2-3-60.

Gold Price Heathcote : £3-17-6. Some gold obtained at Jones Station. Export 1400 oss. (above average).

Gold Lease granted to "Melvor Caledonia Company" for 10 years, on the quartz reef, in Caledonia Gully, adjoining the Old Caledonia Company's claim on east side, and running parallel to it. Capital £5,000, pumping and crushing machinery £3,000.

Many miners going to Inglewood and Hampelough, but many returning disappointed. In Heathcote district output average, average. Better ground opened up on the creek. Good patches discovered on the creek towards Black Swan Hotel and on Crown lands. There is an immense quantity of payable ground there.

Quartz reefs fulfill expectations towards the Goulburn.

9-3-60

Some parties working at two foot of Caledonian Gully, between Mr. Welch's and the last puddling machine, realizing approx. 6 dwts. per tub. On the creek banks, at rear of Hill's Criterion Hotel, small nuggets have been found. In Thompson's Paddocks a party is reliably reported to have struck a patch of 30 oss.

The Prospecting Association started operations:

2 parties of 4 men each, one north, one south of township, at present within 5 miles from Camp. Employees may withdraw, if they wish, holding a prospector's licence.

Increased crushing activity at Rushworth and Whroo.

First Report of the Manager.

The Heathcote Prospecting Association :

Work started 6-3-60, four men each at east and west end of township. At east end (flat near the Major's Line), $\frac{1}{2}$ mile from Melvor Inn, on road to Perry's Station, has been fixed on as place to be tried. Of 3 shafts, one was bottomed at 8 ft., in the creek bed. Several shotty gold specks per dish were obtained in 2 or 3 prospects off the bottom which was a soft sandstone, very uneven; the two other shafts were not bottomed, the sinking is expected to be over 20 ft.

On west end, 3 shafts have been sunk, to try for a lead on north side of Bald Hill, leading towards blue Point on the creek. One shaft was bottomed on the reef at 7 ft., another at 14 with a good slate and granite bottom, but no wash-dirt and just the color off the bottom.

16-3-60.

Gold Price, Heathcote : £3-17-6.

Gold Export to Melbourne : 820 oss.

No good yields in alluvial ground.

More men working on Hattle Flat, and many earning good wages. More payable reefs were discovered on Jones' creek diggings, towards Hyde's.

One party crushed stone 4 1/2 ozs. per ton. Reefs abound in every direction. One claim near Rushworth, which at the first crushing in Sept. 1859 realised 1 oz. per ton, now yields 19 ozs. per ton. 100 tons ready for crushing.

The Heathcote Prospecting Association.

Weekly Report of the Manager:

A string of holes have been sunk across Major's Line, but no payable gold struck. Now trying a gully left of Major's Line, opposite Melvor Inn. About 12 holes sunk some time ago in range up the gully. 7 dwts. per tub was obtained in one hole. Now trying to find a lead down the gully. North of township, a gully beyond Wattain's paddock has been tried, leading down to creek. 3 shafts sunk, no gold. One shaft 19 ft. deep, the others were on the reef, east side. In addition men sunk 3 shafts in wet ground near creek. In one, a fair prospect of shotty gold was obtained.

The Mining Board announces election, on April 4th, of two members for the Heathcote, one for the Waranga division of Sandhurst Mining District.

23-3-60.

Gold Price, Heathcote: 77s. 6d. per oz.

Gold Escort (fortnight), Heathcote - Melbourne: 819 ozs.

Rushworth - " : 877 ozs. 10

Wattle Flat: New activity after rain. A party sunk in a new spot, came upon wash dirt, up to 1 dwt. per tub. At back at Heathcote Hotel, washings 2 ozs. per tub. All working here doing well - Chinamen collected dust in High St., recovered up to 2 1/2 dwts. per tub. Greater activity in creek flat. Linton's puddling party, on flat beyond Hodgson and Co's store, doing well, average of 50 ozs. per week estimated, presumably found a 6 oz. nugget. Whole flat between Hodgson and Co.'s store and Welch's is highly auriferous.

Quartz: New reef opened in Argyle Gully. A crushing from Kirkham's Reef of 2 1/2 tons yielded 11 ozs. of gold.

Sensation created by reefs near Hyde's. The "Scotchman's claim, although the reef runs narrow, is very rich, estimated to yield 12-15 ozs. per ton. The Italians' claim pays well, first crushing yielded 4 ozs. 13 dwts. per ton, they have 20 tons waiting expected to go 8 ozs.

The Heathcote Prospecting Association.

Weekly Report:

At south end of township 14 holes sunk in gully opposite Melvor Inn, in 3 places. No payable gold struck - 3 shafts put down at upper end of Spring Flat, 21 - 23 ft. Prospect obtained 1/2 dwt. fine gold per tub. They will try Haymakers' Flat, next to Spring Flat, running down to Wild Duck Creek from head of Caledonia Gully. Lack of water.

At north end gold found in shafts near creek and on second bald hill, but not in payable quantities. Best prospect 1 dwt. per tub.

30-3-60

Gold Price, Heathcote: 77s. 6d. per oz.

Gold Escort to Melbourne: 759 ozs. 10 dwts.

Some good new prospects in Wattle Flat. New activity in Mosquito Gully. Much work done in creek towards Black Swan Hotel.

Quartz: 32 tons of stone crushed from claim of Melvor Caledonia Quartz Mining Co., yielding 207 ozs. of gold, or 6 1/2 ozs. per ton, splendid result. Purest and handsomest cake of amalgam ever turned out on Melvor. New reefs are daily discovered in the bush near Hyde's, promising country.

The Heathcote Prospecting Association.

Weekly Report:

South end party now sinking a string of holes near old race course, Shepherd's Hut Gully.

On Mosquito Hill, at other end of township, 3 shafts being sunk, having cement to go through, bottom expected to be 50 ft. Cement seems to run in narrow line along the hill.

One shaft bottomed at 45 ft., about 1 dwt. per tub was washed.

- 12. -

6-4-60.

From the Camp Reserve, which was thrown open for mining, a splendid sample of very fine gold was obtained, weighing 46 oss.
Quartz reefs on the Goulburn: Fair average yield.
Large quantity of stone raised keeps machines constantly employed crushing.

The Heathcote Prop. Assoc. Weekly Report:

In only one of the shafts in Shepherd's Hut Gully, a little gold was found.

The Nalvar Caledonia Quartz Mining Company.

Detailed Report of General Meeting:

Original shaft sunk to 243 ft. depth. Owing to increase of water for the sinking discontinued.
To date 110 tons have been raised, averaging nearly 14 tons per week for last 2 months. Crushing of 26 tons produced 156 oss. standard, 33 tons about 220 oss. Gross return estimated at 22,600, as against 21,157 expenses. Tenders called for a new shaft to be sunk. Then weekly quantity estimated at 50 tons.

13-4-60.

Gold Price Heathcote: 77s. 6d. per oz.
Gold Escort: 970 oss.

Heathcote Prop. Assoc. weekly report:

The 3 shafts on Mosquito Hill have been bottomed, at 42 and 49 ft., but no payable gold.
At south end 14 holes across flat between Argyle and Long Gullies. No payable gold. In one shaft, at 55 ft., water stopped sinking. Rotten granite, very soft, softer with increasing depth.
Small rush to a gully on other side of Spirit Gully. Some claims yield $\frac{1}{2}$ - 2 dwts. per tub. End of the gully is opposite Black Swan Hotel.

20-4-60.

Gold Price, Heathcote. 77s. 6d.
Gold Escort, " 942 oss. (fortnight).

Heathcote Prop. Assoc. weekly report:

On Mosquito Hill, 2 more shafts bottomed at 30 and 42 ft.
In latter gold, very fine.
On first hole $\frac{1}{2}$ - $\frac{3}{4}$ dwts. to tub is being obtained.
String of holes at back of Hodgson and Co's without success. Between quartz reef and main road, gully beyond old racecourse. Hardest sinking so far. New ground in a gully beyond Peter's Gully, fine looking quartz reefs.

27-4-60.

Gold price dto.

Heathcote Prop. Assoc. Two last holes bottomed on Mosquito Hill; 30 and 50 ft. Some gold in gully beyond old racecourse.

4-5-60

Gold price dto.
Escort 749 oss. (fortnight).

11-5-60.

Gold price 699 ozs. (fortnight).
Some gold ($\frac{1}{2}$ dwts. per tub) found in 2 new shafts beyond old racecourse.

18-5-60.

Gold Price dto.
Beyond old racecourse a claim has been taken up. Men are getting 4 dwts. a day.

25-5-60.

Gold Price dto.

Increased activity in the old lead and on Wattle Flat. More gold offered than for 12 months past. One party made 3 lb. weight in 3 weeks, others 8 and 10 ozs. per week, near Parker's store.
Near old racecourse average yield 3-5 dwts., per day for each miner.
Good rush of alluvial diggers to Staffordshire Flat, 3 miles from Jones' Creek, likely to become an extensive goldfield. Depth 8-15 ft., average yield 2-3 dwts. per tub, up $\frac{1}{2}$ ozs. Population 300 - 400.
2 quartz crushers, puddling machines being erected.

1-6-60.

Gold Price dto.
Escort from Heathcote 758 ozs. (fortnight).

8-6-60.

Gold Price £3/17. - Escort: 469 ozs.

Crisis in the Prosp. Association. Disappointing results.
Payable ground assumed near Perry's old Dairy.
Some nice gold in lower part of Spring Gully.

Report of The Malver-Caledonia Quartz Mining and Crushing Co., general meeting in Melbourne.

Quartz in hand at last meeting: 51 tons, valued £1,272,
waiting still completion of stamping battery.

Quartz now raised: 150 tons of uniform quality.

At depth 135 ft. a drive has been commenced to meet a reef found cropping from surface 80 ft. west of main reef. Prospected to 30 ft. depth, yielding 10 tons of excellent stone. Commencing this drive, a large body of rich quartz has been discovered. 12 tons of stone lifted from here where exists a wall of quartz 40 x 60 ft., about 10" thick. Other bodies of quartz shown on plan of reef, to be quarried at £2 per ton.

15-6-60.

Gold Price £3/17.

Rush to the old racecourse : now about 400 men.

One party averaged $\frac{1}{2}$ oz. a day each, others 5-8 dwts.

Good prospects.

Also at Jones' Creek. Two crushing machines to operate shortly. Cakes of gold from Clarke's claim : 37 oz. 16 dwts (from 9 tons of quartz).

Another cake : 24 oz. 10 dwts. from Bolton Bros. and Co's claim.

22-6-60.

Gold Price dto.

Jones' Creek ("Balmoral") increasing in importance.

Otherwise : steady work and good wages.

Staffordshire Flat, 2 miles from Balmoral.

Easy sinking 5 - 9 ft. gold yield $\frac{1}{2}$ to 3 dwts. per tub.

Flat about 3 miles in length.

Quartz reefs are main attraction. Mr. Staopole struck reef.

Quartz from Welsh and Co.'s claim estimated at 10 oz. per ton.

Large returns expected from crushing (up to 30 oz. per ton), machine just completed, with battery of 4 stampers.

A shepherd bottomed a hole from which he washed a 6 dwts. nugget.

29-6-60.

Gold Price 77s. per oz.

6-7-60.

Gold Price 77s. per oz. Escort 958 oz.

For some time Chinamen have been surfacing at head of Old White Lead, near Hanging Rock.

On Old Racecourse steady work, average success.

Clarke's New Rush : prosperous. One crushing yielded nearly 90 oz. from 9 tons of quartz.

13-7-60.

Gold Price 77s. per oz.

Very good accounts from Fiddler's Flat and Madman's Gully, and Wattle Flat.

Balmoral: Crushing : 112 oz. of amalgam out of 14 tons of quartz, produce estimated at 4 oz. per ton. New claims taken up. One on a reef, stone speckled with gold becoming coarse and thicker when going deeper. Numerous payable claims.

Staffordshire Flat : Payable gold, some $\frac{1}{2}$ oz. per tub.

One piece weighed 4 oz.

Most miners earn "wages", from 30s. to £3 per week.

- 15 -

20-7-60.

Gold price dto. - Escort : 939 os. 10 dwts.
Puddling machine in Argyle Gully turned out gold to the value of £600 for
one week's work.
Long Gully: 26 tons of quartz crushed, yielding 24 os. 11dwts.

27-7-60/

Prospectus of Balaclava Hill Quartz Mining Coy.
For working quartz reef on Balacl. Hill, Whroo. £100,000 worth of gold
taken out already from a ground 100 yards in length. Company's claim
includes an area on line of reef, 666 yards in length, 80-110 yards in depth.
4 east - west reefs: Albert, Victoria, Carr's, Black Reef, intersecting
the Coy's Ground. Albert Reef yields $\frac{1}{2}$ os. per ton. Greatest depth
reached : 300 ft.
Gold price dto.
Good results from Balmoral.
New diggings on Goulburn River attract miners from other places, but
many disappointed.
A trial crushing of 4 tons from Argyle Gully turned out 3 os.
Rush to the Head of the Goulburn at Jamieson's Flat.
Long detailed account from 17th. and 23rd. July, on Whroo Wet Diggings.
Excellent stone from Balaclava, report about Carr's and Albert Reef, etc.
(More particulars, if required).

3-8-60.

Gold price 77s. per os. - Escort: 909 os. For a month: 2794 os. 10 dwts.
(previous month: 1475 os.)
New machinery at Caledonia Reef. Very favourable report.
Good reef opened at head of Staffordshire Flats.
Only 6" in width, but 4 os. per ton expected. Reef reached at depth of
3'. Population over 150. Beautiful sample of over 15 os. of fine gold.
Another detailed report, from Whroo (more particulars available, if
required).

10-8-60.

Gold price dto. - Escort 909 os.
At foot of Argyle Gully capital prospect of good looking gold.
Official name for "Balmoral" will be Redcastle.
Detailed report from Whroo.

17-8-60.

Gold price £1/16/6. - Escort: 930 os. 10 dwts.
From Morris's reef first rate looking stone raised.
Long Gully crushing: 28 os. 11 dwts. out of 17 $\frac{1}{2}$ tons of quartz. In this
gully new reef taken up (Spaniard's Reef).
Detailed report from Whroo.

- 16 -

24-8-60.

Gold price dto.

Molvor Caledonia Quartz Mining Coy. New machinery, started operating, VR head battery, 400 tons of quartz in hand. Average of last crushing was 6 oss. per ton. Machinery can crush 200 tons per week. Stone is raised at rate of 30 tons per week. Report from Whroo.

31-8-60.

Gold price £3/16/6 per oss. - Escort 987 oss. 10 dwts.

New complaints about sludge nuisance. Escort for Redcastle gold and mail transport wanted because of robberies. Long Gully. Very fine nugget of 40 oss. taken from Wilson's Claim. A boy fossicking, found a 5 oss. nugget in Long Gully. From both shafts, Long Gully Reef, stone being raised. Spaniard's Reef favourable. New "Weldon's" Reef. Caledonia Gully, Butler's Reef: From Potter's Claim excellent stone taken. Detailed reports from Rushworth and Whroo.

7-9-60

Gold price dto. - Escort : 987 oss. 10 dwts.

Molvor 7 oss. nugget found near where 40 oss. nugget was discovered last week. Remarkably pure gold. Some excellent specimens from Spaniard's Reef in Long Gully. New crushing machine, Caledonia reef: 233 oss. 15 dwts. from 50 tons. Some good alluvial finds, e.g. foot of Argyle Gully. Puddlers mostly doing well. From Jones' Creek good quantities of gold. Mr. Clark bought 160 oss. in one parcel (crushed). About £200 worth brought in from Staffordshire Flat. Mining matters on Molvor generally improving. Report from Whroo. Report from Redcastle (ex Balmoral): New machine's remunerative crushings. 9 tons of quartz crushed from Austrian's reef, paying over 4 oss. per ton. 70 tons of quartz crushed yielded a beautiful cake of gold weighing 151 oss., another one of 10 oss., from Tavraganya Reef, a mile from Redcastle. Reef is opened over 50' in depth, gold more plentiful and coarser than ever. Austrian line of reefs yielded average of 4 oss. per ton. Staffordshire Flat: only alluvial workings, about 300 miners. Results 2 or 3 dwts. per tub, 1 oss. per tub, 4 oss. out of two loads.

14-9-60.

Gold price £3/16/6 - Escort : 510 oss. 10 dwts. Long report from Whroo.

21-9-60.

Gold price dto. Report from Whroo (Mining is brisk, etc....)

- 10 -
28-9-60.

Gold price dto. - Escort 1068 oss. 10 dwts. + £2510 in cash.

New mining leases granted on south side of Balaolava Hill, Whroo (3 acres) on Eastern Chinaman's Hill near Bushworth (2 acres), and Albert Reef, Whroo (4 acres, 2 roods, 6 perches).

Report from Whroo.

12-10-60.

Gold price dto. - Escort: 690 os. (exclud. Caledonian Reef and Redcastle). Splendid oaks of amalgam weighing 1077 os. produced from 45 tons of quartz from claim of Trentorch and Javerall, Austin's Reef, Redcastle.

Report from Whroo.

19-10-60.

Gold Price £3/16/6 per oz. - Escort 586 os. 10 dwts. (14 days).
Report from Whroo.

26-10-60.

Gold price dto.

Meeting to demand a main Sludge Drain.

Bank in Heathcote refused to advance more than 40s. per oz. on gold from Redcastle because of inferior quality. Redcastle gold therefore taken to Sandhurst bank.

Report from Whroo.

2-11-60.

Gold Price dto.

More arguing about the sludge nuisance.

Complaint from Redcastle that no assaying facilities in Heathcote.

Report from Whroo.

9-11-60.

Gold Price dto.

Report from Whroo.

23-11-60.

Gold price dto. Escort Heathcote: 981 oz. 10 dwts. + £1609 cash.
Report from Whroo.

7-12-60.

Gold Price dto.

Leading article: "Mining Resources of Melvor".

In addition to alluvial sinking and puddling (hitherto main support of the district), increasing quartz reefing taking place.

Reefs near Rushworth and Whroo second to none in Victoria. Quartz reefing only now becoming general. This is conducted to by Mr. Ireland's leasing regulations, but mainly by enterprise of private individuals discovering rich reefs. More and more of gold yield produced from quartz reefs. But crushing machinery, often faulty and too expensive prevents proper exploitation of resources.

Beginning of summer is appropriate to be time for renewed search for the long creek lead (suspended last winter owing to flooding) under a co-op operative system.

Spurs of the range on east side of creek proved unremunerative for alluvial working, but should pay well underground sluicing similar to Buckland and Owens rivers, after cutting a head race.

For water supply a storage basin should be built at head of Opossum Gully.

Better mining news than for a long time. New gold lead struck near road at bottom of Caledonian Gully, about 100 yards from the bridge. One man washed 23 dwts. from a dish of dirt. One nugget found weighed $3\frac{1}{2}$ ozs., with $\frac{1}{2}$ oz. of rough gold. Many claims marked out - good results on Old Facecourse. Nugget weighing 16 ozs. 2 dwts. Some parties of 4 get £20 per week for several weeks.

Greater activity in upper Caledonian Gully. Caledonian Company employing many men.

Great puddling activities.

Report from Whroo.

14-12-60.

Gold price £3/16/3. - Escort Heathcote: 1,155 ozs. 10 dwts.
Report from Whroo.

21-12-60.

Gold price dto.
Report from Whroo.

29-12-60.

Gold Price dto. - Escort 1,009 ozs.

Complaint by a correspondent that Heathcote has received no Government grant for prospecting yet.

Report from Whroo.

4-1-61.

Molvor News 1861.

Gold price £3-16-3.

Golden Gully. Large quartz reef taken up, 7' wide.

11-1-61.

Formation of prospecting parties urged.

18-1-61.

Norris' Reef. Crushing of 8½ tons of quartz yielded 76 oz. 11 dwts.

25-1-61.

Escort : 799 oz. (14 days).

Further discussion on prospecting.

1-2-61.

Criticisms of Sludge Draining Regulations.

8-2-61.

Gold Price: £3-16-6 - Escort (14 days) : 886 oz. 10 dwts.

15-2-61.

Public meeting on Sludge Drain Regulations.

22-2-61.

Slavonian Reef : 62 tons of quartz yielded 315 oz. of gold.

1-3-61.

Escort: 1006 oz.

New quartz reef on the adjacent rise to Norris' Reef discovered. Very promising looking. Company formed ("Good Faith"), shaft being sunk.

22-3-61.

Escort: 1006 oz.

Norris' Reef. 40 tons of quartz crushed yielded 244 oz. 8 dwts. of gold.

Redcastle. Reefing likely to turn out very well.

Crushing active, from Clark's Welcome Reef 25 tons yielded 105 oz. of gold.Staffordshire Flat looks like becoming a first-rate digging. 6 puddling machines.

29-3-73.

Rich Antimony Reefs discovered on Robertson's station, at the Wappingtack. Reef of great purity, 3'6" thick, is opened up 10' long, almost due north-south 3' deep. Owners: Coster, Youle, Field. Several antimony blocks lying at surface, weighing 2 to 7 cwt. each.

Quality very fine. Bright color. Estimated at 90% fine. Immense quantities available. At the back of antimony reef is a quartz reef, 3 1/2" thick, containing very fine gold, visible in every stone broken. Numerous reefs in vicinity. Alluvial finds probable. Distance 8 miles from Heathcote, 1 1/2 miles from old antimony workings. People arriving daily, tents and huts being built.

Same line of reef opened up 1 mile nearer Heathcote, on marked tree line, 12" from surface. Indications are better than the original prospectors'. Long Gully Quartz Mining Co. 1/2 tons crushing yielded 10 1/2 oz. gold from shaft 25' deep.

5-4-61.

Mining generally improving. Diggers steadily employed in old workings are making wages. Several rushes, some doing very well.

New Antimony: New quartz reef struck with coarsest gold yet seen on this line. They also struck the antimony leader in the same reef, unusually rich. In large extent of alluvial 2 miles north from prospector's claim (average 2 dwts. per tub).

Malachite. New company formed for prospecting on hill next to Criterion Hotel.

Cruzeau Gully. A puddler got an 8 oz. nugget. On Surface Hill: 6 oz. nugget.

Ford's Gully, Teoberac: small rush.

Wild Duck Creek Rocky Gully. Busy. Most diggers making fair wages.

17-4-61.

Redcastle. Improving. Parties working old claims.

Crushing results: 8 oz. 7 dwts. from 8 tons.

Leviathan Reef: 20 tons average 15 dwts. per ton. Reef 2' thick.

One claim struck very rich stone. Another struck rich stone at 60' (5-6 oss. per ton).

Staffordshire Flat busy with puddling.

26-4-61.

Redcastle. Fine quartz being crushed from Spring Creek.

Rushworth. Considerable activity in alluvial, splendid samples of gold.

Old Lead: 10 oz. nugget.

Old Ned's Gully: 20 oss. nuggetted in a day.

3-5-61.

Leading article advocating construction of a main sludge channel.
Article on quartz reefing. Local companies have been formed by business people and miners. "Good Faith", "Cosmopolitan", "Heathcote". Redcastle is a comparatively young diggings, yet large capitals invested in reefs, with good results. Whroc has for years held high place in quartz reefing, immense returns particularly from Balaklava.
Quartz mining in Molvor district main hope for future.
Rushworths: $4\frac{1}{2}$ os. nugget from Old Lead.

10-5-61.

Escort: 1139 os. + £934 cash.
Quartz Reefing: New company formed in Heathcote.
Suggestion to communicate with the Melbourne Society of Arts on the question of chemical separation of antimony, sulphur, and gold.
Reprint of first part of a pamphlet. "Improvements in Quartz Crushing AND Amalgamating" (by James Harrison).
Advocating dry crushing and dry amalgamation with mercury.

17-5-61

Low escort figures explained by local purchases of a Melbourne gold buyer.
New rules for private mining companies.

24-5-61.

2nd. part of above pamphlet.
Gold price £3-16-9.
Redcastle. Improving greatly. Staffordshire Flax promising. 3 tons 12 cwt stone crushed yielded 29 oss. $17\frac{1}{2}$ cwt. of gold. Mortimer & Co's. Reef first-rate. Alluvial: Very fair.

31-5-61.

Redcastle. Quartz reefing most prosperous. 18 tons produced $34\frac{1}{2}$ os., 22 tons produced 46 os., 2 tons, 5 os., 12 tons... $26\frac{1}{2}$ os.

7-6-61.

Escort: 807 oss. of gold. In addition, large parcels of gold taken down privately.
Alluvial: Steady work, satisfactory.
Molvor Caledonia Coys started on Jordan's Reef, opposite Molvor Inn. Reef 8' thick.
Go-ahead-Co's shaft 75' deep.
Antimony Reef (Toile, Costar, Field and Co.) Quartz reef alongside antimony is highly paying. 20 tons trial crushing resulted in a splendid amalgam cake weighing 60 oss. or 3 os per ton. Quartz is 2'6" thick. Real value of antimony can only be ascertained in England after separating sulphur and gold from it.

- 22 -

21-6-61.

Escort: 996 oss. of gold.
Antimony Reef. 14 tons of quartz rubbish yielded 3 oz. per ton.

5-7-61.

Small rush to neighbourhood of Black Swan.
Holvor Caledonia Coy. still sinking new shaft. To be sunk 40' more, then 80' drive to the old workings necessary before western reef can be profitably worked.
Antimony Reef rapidly attracting population. Reef has been struck 3 claims away from prospector's claim.
Call of 10s. per share to cover expenses for new machinery.

19-7-61.

Escort: 995 oss. 10 dwts.
Redcastle. Quartz mining prosperous.
Collins, Little Leviathan Reef: 5 tons yielded 12 oz.
Bellvue " 20 " " 32 "
Others: 9 " " 23 oz. 11 dwts.
Sullivan's Reef 13 " " 61 oz. 8 dwts.
16 " " 30 " 6 "

Others lesser average.
Redcastle Quartz Mining Association struck a reef at Staffordshire, 9" thick, looks well.
Redcastle greatly improving. Capital influx. Many abandoned reefs have been taken up, paying goodwages in a short time.

26-7-61.

Puddlore more busy.
Murray's Claim. Struck antimony reef and also highly auriferous quartz reef.
New quartz reef discovered, 3 miles from Heathcote; excellent specimens; 3 claims taken up.

2-8-61.

Gold price £3-17-6.

9-8-61.

Redcastle. Quartz mining going on well. 3 machines busy night and day.

16-8-61.

Escort: 854 oss. of gold + £4563 cash.

23-8-61.

- 23 -

23-8-61.

Redcastle. Some crushing results: 33 tons, 97 oz. 18 dwts, 6 $\frac{1}{2}$ tons, 11 oss., 30 tons, 30 oss., 9 tons, 4 oss. 4 dwts.
Mortimer, Harrison & Co's reef is going on first-rate.

6-9-61.

Escort: 909 oss. + £512 cash.
Report on Meeting proposing separation from Sandhurst Mining District -
2 mining lease applications for Antimony.

20-9-61.

Escort: 824 oss. + £709 cash.
Wattle Flat: Newly opened reef, 20 tons (rubbish) yielded 17 oss. Reef
4' thick, gold visible in nearly all the stone.
Cosmopolitan yield is expected to turn out richly.
Long Gully Coy. raising beautiful stone.

11-10-61.

Escort: 839 oss. + £551 cash.
General business depression. Insolvencies partly attributed to failure in
mining speculation.
Long Gully Coy. 3 oz. 7 dwts. per ton.
Cosmopolitan Coy. 30 tons, 48 oss.
Wattle Flat raising stone in large quantities.
Antimony prospecting claim yielded from 37 tons of stone, 53 oss. of gold.
But antimony calculations have been upset.
Mining lease application, antimony and gold, Nth. Costerfield.

18-10-61.

2 mining lease applications, antimony and gold, Costerfield.

25-10-61.

1 mining lease applications, antimony and gold, Costerfield.
1 mining lease application, gold, Surface Hill, near Cemetary, Heathcote.
Escort: 951 oss. 10 dwts. + £1020 cash.
Long Gully Co. 20 tons, 63 oz.
Wattle Flat, Parkins' Reef: Lasting thickness. $\frac{1}{2}$ oz. per ton.
New reef discovered on Red Hill, some specimens very rich with gold.
Puddlers more hopeful.

1-11-61.

Leading article: Quartz Reefing on McIvor. "We have enough quartz reefs to keep a population employed for a century, as the district is a complete network of reefs. Yields have been realised, in particular cases, of immense richness; but it is the generally remunerative character of our reefs of which we have most reason to boast." Deploring bad management and methods which often are the cause of reefs being abandoned although they could be payable. Other drawbacks are high crushing charges and faulty crushing machinery.

Red Hill: Parties expect great returns, stone looks highly payable.

Magnificent specimens from Honey & Party's claim. 3 oss. or more per ton estimated from another claim.

Long Gully Coy's claim: 120 tons of quartz crushed yielded 300 oss. of gold, incl. a magnificent cake of 90 oss, purest sample ever seen to be turned out by a machine. Long Gully Co. is about the best speculation in the district.

Hard Up Coy. suspending operations. Shaft 100' deep, two drivers (at 40' and 100').

United Balmoral Coy: Contract to raise stone from bottom.

Wattle Flat and other reefs: Work steadily going on.

Antimony reefs, Costerfield: Good accounts. Stone crushed from Morris' claim yielded 7 oss. per ton.

Puddling in all gullies, on Surface Hill and Wattle Flat, is employing many miners, highly satisfactory results.

Nord's Gully: Several parties steadily at work.

Next to Speed's homestead a sluicing claim taken up.

1 mining lease application, antimony and gold, Costerfield.

8-11-61.

Steady work, no news.

Arroyo Gully: Nugget weighing 10 oss.

Alluvial prospecting: Very favourable accounts from Speed's paddock.

Phoenix Coy. looking for lost lead in creek bed.

Red Hill. Honey's party struck the reef with excellent indications at 40' depth. Some capital specimens taken out.

Costerfield: New reef struck 3 miles south of Youle & Co's claim. 3 or 4 claims taken up. 1 mining lease application, antimony.

15-11-61.

Escort: 794 oss. 10 dwts.

Commonwealth Coy: 32 tons yielded 32 oss., splendid cake.

Steady progress generally.

United Balmoral Coy: Stone raised promising remarkably well.

Wattle Flat Co. registered their claim, stopped operations.

Puddlers (Commissioner's and Wattle Flat, Surface Hill) steadily employed, good results.

22-11-61.

Most interesting events:

Caledonia Co's claim: Reef struck, stone raised looking payable.

Phoenix Co. still looking for lost lead. Would require systematic efforts by large number of men to be effective.

Suggestion to introduce ground sluicing on the slopes of the range east of the creek.

6-12-61.

Export: 1229 oss. 10 dwts.

Redcastle very much on the decline. May soon be deserted as more and more miners are leaving. Some crushing still being done, resulting in results up to $\frac{1}{2}$ oss. per ton.

20-12-61.

Steady work, moderate returns.

Costerfield Antimony Reef, Norris' claim: 5 tons 8 dwt. of stone yielded 87 oz. 2 dwts. gold. Youle, Coster, Field & Co. 40 tons yielded nearly $\frac{1}{2}$ os. per ton.

MoIvor News 1862

7-2-62.

Article: "Our Gold Field?" Deploring low position of our district. Lack of enterprise and capital everywhere, except the Caledonia Reef, which has modern mechanical mining equipment. Otherwise Long Gully, Norris's, Clarke's, Balaclava, Antimony Reef rank first.

Long Gully, yielded rich piece of quartz. Work renewed in Long Gully Co's claim.

Youle, Coster, Field and Co. buying crushing machine and 2 tailing amalgamators.

Slight rush to ground next to Dr. Robinson's farm, between Black Swan Hotel and Speed's homestead.

Wild Duck, Douglas and Party opened a claim, at work 6 weeks.

21-2-62

"Extensive Rush: Reported Discovery of the Creek Lead".

Chinamen have, for a considerable time, been working on east bank of MoIvor Creek, at rear of Criterion Hotel. Suddenly their earnings rose steeply. Reports of large nuggets, incl. one of 60 oz. Locality of their activity is precisely where the old creek lead run out 4 years ago. It is generally presumed (though the Chinese do not talk) that the creek lead has been struck again. This caused a large rush of Europeans, greater than any known here for 3 years. Claims are marked out 3 to 5 wide between creek and the range to a point nearly opposite Victoria Hotel. Sinking is presumed to be 30'.

Costerfield. Norris and Co. crushed 26 tons yielding 210 oss. - Youle, Coster, Field and Co. have taken contract for sinking a shaft and raising 300 tons of stone.

7-3-62.

1 mining lease application for antimony.

14-3-62.

Gold Price, Heathcote 23-17-6. Export: 501 os. + £404 cash.

24-3-62.

21-3-62.

Caledonia Reef: Western reef has been struck at 200' depth, by means of a crosscut south of old engine shaft. Cross cut is 74' long, mostly through very hard ground which became very soft a few feet of the reef. The company have 2 well defined reefs traversing their ground. From Norris' claim: From 15 tons of quartz nearly 7 oz. per ton antimony. Redcastle: Average yield 2 oss. per ton from reefs. One party got 5 oz. 2 dwts. out of 1 ton. Great Leviathan: 18" thick.

28-2-62.

60 oz. nugget found by Chinaman, but no definite confirmation obtainable. In a claim down the creek, opposite Brightwell's, gold struck at 40', paying 4 dwts per tub, with pieces of 1 dwt.

Long Gully: Impetus to puddling.

Rush to flat below Heathcote Pound, on Bendigo road, fine gold being got. Miners are busy at Rocky Gully (Wild Duck Creek), Ford's Gully. Crushing from Costerfield yielded first rate specimens of stone.

16-5-62.

Gold Price, Heathcote: £3-18-0. Escort 1179 oz. + £534 cash. Chinese are believed to have re-discovered the Creek Lead, with great success. More Chinese coming daily. Escorts rising though known results of European miners are poor. From Norris and Co's claim at the Antimony, 11½ tons of stone crushed for 1½ oss.

23-5-62.

Gold Price, Heathcote: £3-18-0. Escort: 1083 oz. + £409 cash.

McIvor Caledonian Quartz Mining Co. apply for dissolution.

Shareholders protest.

Costerfield, Antimony Reefs: Settlement developed during last 15 months. Reefing being carried on, many claims opened up. Largest one is original claim by Youle, Coster, Field & Co. Well-slabbed shaft 110' deep, with expensive workings at 50'. Water at 110'. At 50' depth they followed the reef 50' north and 70' south. Reef mostly extended the full width of the drive. From surface downwards reef has been taken out, average width 4', partly narrowing to 1 or 2", partly bulging to 6'. 40' lower commencing another drive, reef there nearly perpendicular. Own crushing machinery. Antimony sent to Melbourne fortnightly realising £5/10/0 per ton. More claims 1 mile nearer Heathcote, one exceedingly rich.

Redcastle Goldfield: Franotovich & Co. claim to be the original discoverers (1859).

Redcastle Report: Many claims abandoned. The average paying well. 15 tons crushed yielded 14 oz. 9 dwt.

	3½ tons crushed	yielded	5 oss.	13 dwt.	
	1	"	1	"	2 "
	9½	"	17	"	10 "
	12	"	7	"	
	2½	"	3	"	3 "
	1	"	2	"	8 "
Beautiful Venus	5	"	17	"	9 "
	6	"	32	"	7 "
Happy-go-lucky	5	"	5	"	
	17	"	11	"	(stone 18" thick)
	3	"	2	"	17 "
Waloome Reef (Staff)	8½	"	32	"	16 " paying £11 weekly
	3½	"	16	"	10 "
Happy-go-lucky	5	"	12	"	5 " £20 weekly net.

23-5-62 continued

Welcome Reef turning out very rich. Redcastle, considering the population, is progressing wonderfully.

30-5-62.

Gold Price, Heathcote: £3-18-0. Escort: 1083 oz. of gold - £409 in cash.
The Creek Prospectors: Proposal by John D. Baragwanath.
Molvor Caledonia Quartz Mining Co. Report on Shareholders' Meeting, opposing the proposal of the directors to dissolve the Company.

6-6-62.

Gold Price £3-18-0 Escort: 638 oz.
Influx of Chinese has somewhat abated, but they make material contributions to escort.
Puddling very brisk. All at work.
United Balmoral Quartz Mining Co. sinking a new shaft.
Cosmopolitan Co's claim in full work.
Long Gully Co. Shaft 100' deep, carrying 60' deeper. 7 tons from 140' depth yielded 1½ oz.
Caledonia Co's claim in full work on tribute.
Baker's Reef, at head of Long Gully, worked again near surface, 3-6" thick, but looking like paying good wages.
Old Racecourse: Unconformed report of new rush.
Molvor Caledonia Quartz Mining Co. Report on general meeting. Portion of Western Reef let on tribute, 23 tons of stone yielded 60 oss., 18 tons - 37 oz. Mr. T. Carpenter, Consulting Mining Engineer and Metallurgist, states. In Sept. 1850 (he recommended sinking the main shaft east of the Caledonia Lode and installation of pumps. His instructions were not carried out by Mining Manager. He was then appointed temporary manager, but could not carry out his plans owing to the Company's lack of means and credit. But he induced miners to work portion of western lode on tribute. One month's output 97 oz. 12 dwt. 12 gr. of gold. He attributed the Company's failure to the main shaft not having been sunk deeper, and resigned. Predicted large returns, if skilful management.
Redcastle. - Re- an argument as to first gold discovery, a letter from 3 correspondents states that Mr. Clarke, after considerable prospecting opened the first payable reef Nov. 1859, being at work up to date. Fronotovitch and Co. came a month later and found a second payable reef.

13-6-62.

Costerfield. Youle, Coster, Field and Co. crushed 52 tons of stone yielding 82 oz. 17 dwts.
Long Gully Co. 6 tons of stone, from new ground, yielded 14 oss. There was no appearance of gold in the stone.
Caledonia Mine: Stone now raised is expected to yield 4 oz. per ton.
Redcastle: Crushing results: 2 tons - 6 oz. 10 dwts. (reef 2' thick); 4 oz. 17 dwts; 6 tons - 39 oz. 4 dwts; Curly Dog Prospecting Claim: 14 tons - 38 oz. 4 dwt. (reef 9' - 14" thick), proceeds of 5 men's work in 4 weeks. - Welcome Reef, Staffordshire: 5 tons - 30 oz. 10 dwts. (4 men in 2 weeks). - Welcome Reef, Redcastle, looking very well, especially to the north end. - Hit or Miss-Co's shaft 90' deep. - Also crushings from Collins' Reef. - Leviathan Reef looking very well.
In a letter Fronotovitch maintains to have found the first payable reef at Redcastle.

20-6-62.

Escort: 943 oz.

Leading article: "Quartz Reefing on Malvor". Says that two years ago pessimists expected Malvor to sink beyond recovery. Since then 2 prospecting townships have grown up based on mining. Urges optimism for future, predicts reefing to maintain first rank in mining.

Considerable quartz mining activity. Reefs, formerly abandoned, being taken up again. Anticipated great price reduction of crushing, with opening of new machine, should be a great boost to quartz mining.

Parkin's Reef, Slaughteryard Hill, again taken up vigorously.

Butler's Reef: 3½ tons of quartz yielded 23 oz.

Caledonia Co. 47 tons of stone yielded 92 oz. of gold. Startling results expected from tribute system.

Newly discovered "Corinth Reef", 1 mile S.W. of Caledonia.

Nice specimens. Reef is 12-14" wide, 4' from surface. The stone when broken is of peculiar red appearance, promises well. Locality is netted with rich untried lodes, well worth prospecting.

Antimony, Morris' Reef: 20 tons of quartz yielded 150 oz. or 7½ oz. per ton.

Alluvial: Small rush to ground near Catholic - Church, opposite Hibernian Hotel.

Prospecting Association's party working on Reserve at north end of town, good prospects obtained.

Gold withheld from Escort: Cake of 149 oz. from Norris and Co's crushing conveyed to Melbourne privately. Reason: High escort fees, higher gold price in Melbourne.

27-6-62.

Redcastle: Crushing results.

Happy-go-Lucky: 4 tons - 9 oz. 10 dwts.

Hay and Co. 4 " 6 " 10 " (trial, reef 18" thick).

Clarke 11 " 81 " (continues to look first-rate).

Collins' Reef 3' thick.

11-7-62.

Gold Prices: £3-15-6 to £3-18-6 per oz.

18-7-62.

Costerfield: Youle, Coster, Field and Co. 64 tons of stone yielded 113 oz. of gold.

Malvor Caledonia Co. - getting profitable returns. Crushing results highly satisfactory. 40 tons of stone yielded 83 oz. of gold. Stone from western part of reef looks exceedingly rich. Whole of the works let on tribute.

Creek lead vigorously worked by Chinese, many of whom are doing exceedingly well.

Redcastle: Crushing results.

Coxey and Ghirardine: 12 tons - 72 oz. 11 dwts., reef looking as well if not better, good body of stone, several new claims sinking for same reef on same line.

Cope and Co. 15½ tons - 28 oz. 2 dwts.

Hay and Co. 4 " - 10 " 1 "

Leviathan 6½ " - 14 " 1 "

" 11 " - 21 " 10 "

Albert Reef 6 " - 7 " 5 " (2' thick).

Victoria Reef 26 " - 30 " (large body of stone).

Hit or Miss Co. still going down with their shaft, expect good results.

25-7-62.

Gold Price, Heathcote: £3-15-6 to £3-18-6 per oz.
Costerfield: Gold yield from Youle, Coster, Field, Co's claim, does not diminish as the reef becomes more developed. 44 tons of stone yielded 105 oz. of gold.

1-8-62.

Applications for Mining Leases (Pumping, sinking, mining, crushing),
Antimony, Costerfield.
Advert: 12 quartz miners wanted to work on tribute at Caledonia Reef.

8-8-62.

Cosmopolitan Quartz Mining Co. crushed 20½ tons of quartz, realising 27 oz. 12 dwts. of gold (1 oz. 7 dwt. per ton).
McIvor Caledonia Quartz Mining Co. Progress report to shareholders. Results most satisfactory since introduction of tribute system. Western reef tribute yielded on June 14th. from 45 tons stone, 92 oz. amalgamated gold, on July 12th. From 27 tons, 82 oz. Agreement with a party of tributers to sink the main shaft 60', 30 - 50 tons a week being crushed. Yield estimated at average of at least 2 oz. per ton. - Northern reef tributers. Very good stone, trial yielded over 1½ oz. per ton. 4 more mining lease applications for Antimony at Costerfield.

15-8-62.

5 more mining lease applications for Antimony at Costerfield.
Antimony Reefs. Great impetus by introduction of capital and energy from Melbourne. Splendid, continuous gold yield from the claims of Messrs. Coster, Field & Co. at Costerfield, and Messrs. Morris & Co. at Lower Costerfield. Comparatively small operating costs of small companies, with less overhead expenses, attract new capital. Purchasing out original claim holders and applying for new leases. Whole ground has been pegged off. Machinery is being introduced. Stone from Norris' claim looking better than ever, and at Costerfield the ore is highly impregnated with gold.
Caledonia Quartz Mining Co. A crushing of 34 tons of quartz from the Western Reef yielded 111 oz. of gold.

22-8-62.

Splendid gold struck by the Balmoral Company.
More mining activities than for many months. Uniform success of quartz reefs attracting speculators buying shares in existing claims or marking off new ground. New crushing machines to be erected near head of Golden Gully.
Caledonia Co's prospects improving.
Balmoral Co., Long Gully, completed a new shaft at a depth of 170' (40' below old workings). On breaking through the reef a magnificent sight presented itself. The reef, 5" thick, was filled with gold; when breaking with a pick it hung together as with gold wires. A small bag of specimens, weighing 40 oz., was estimated to contain 35 oz. of pure gold. One orange-size stone was estimated to contain ¼ lb. of gold. Claimed to be some of the richest specimen ever seen in Victoria.
Antimony Mines in full work.
Alluvial miners busy in the old gullies, those working on the creek are doing well.
Messrs. Kinnear & Co. apply for lease of 450 acres of ground at the Antimony, for mining antimony and gold.

22-8-62 continued.

The editor is against such a monopoly, warns the miners to protect their rights.

5 more applications for antimony mining leases.

29-8-62.

4 more applications for antimony mining leases.

Gold Price, Heathcote: £3-15-6 to £3-18-6 per oz.

New crushing machine at Spring Creek near Redcastle.

Good, wide reef, profitable returns. Redcastle reefs generally improving, most satisfactory returns.

Costerfield Antimony claims in full work.

Alluvial: Nugget from Nuggety Gully weighed over 5 oz.

5-9-62.

3 applications for antimony mining leases.

Publication of Bye-law to regulate the drainage of sludge and water in the Heathcote Division of the Sandhurst Mining District.

19-9-62.

Two boys found a fine specimen of gold in Caledonia Gully, 6 oz. in old ground where many similar ones have been found.

A new lead has been struck at Old Race Course, good prospects 3 dwts. per tub have been obtained.

26-9-62.

Caledonian Quartz Mining Co. crushed 25 tons of stone yielding 80 oz. of gold. Prospects encouraging.

Costerfield, Youle, Coster & Co. Yield about 2 oz. per ton steady average.

Old Race Course rush still increasing. Good prospects.

Neighbouring land evidently highly auriferous.

1 application for antimony mining lease.

3-10-62.

Good mining prospects. Speculators attracted. New reefs and alluvial leads discovered. Systematic prospecting is what is needed most. Discovery of gold and antimony mines at Costerfield has turned the balance in favour of the district.

Morris and Kemp's reef, Lower Costerfield, has turned out a splendid gold yield. 30 tons of stone yielded 170 oz. of gold.

Babbage & Co. sinking a shaft 70'.

At Upper Costerfield, Youle, Coster, Field & Co. are raising splendid stone. Leases applied for are being surveyed.

Head of Golden Gully: New quartz reef discovered, 5 tons of stone yielding 3 oz. of gold. Reef is 18" thick, almost due east-west, with an underlie to south-east.

On Robertson's station, near Mount Campbell, some quartz reefs have been discovered by a shepherd.

Old Race Course rush greatly, increasing. Several hundred miners working. A rich gutter appears to have been struck. Those on the lead doing very well, washing in many cases 1 oz. of gold per tub, as compared with an average of 4-12 dwts. Chinese have taken up a large ground on lower part of the creek. 1 application for antimony mining lease.

10-10-62.

Gold price, Heathcote: £3-15-6 to £3-18-6. Escort: 1158 ozs.
New reef opened at top of Long Gully, named Morning Star. 7 tons of quartz yielded 31 oz. of gold.
Another good reef discovered at Old Race Course.
Average expected: 4 oz. per ton.
From alluvial, with large gold returns being got, north of Old Race Course.
A parallel lead to the old one is reported to be found.

17-10-62.

Near the Old Racecourse lead a hole was bottomed yielding 2 oz. of gold.

24-10-62.

Copper ore discovered in Long Gully, after 5 years prospecting. Struck at a good depth, thickness 15'. The discoverer, K.G.F. Harwood, applied for mining lease of 50 acres.
Yorston & Co's claim, Red Hill, yielded 6 oz. 9 dwts. of gold from 12 tons of stone. Reef now about 5' thick.
Wild Duck Quartz Mining Co. crushed 106 tons of stone, returning 60 oz. of gold. Reef very thick.
Alluvial rush at Racecourse still increasing. Good yields of gold.

31-10-62.

New reef discovered by Chinamen in Argyle Gully, likely to be as rich as any in the district. Reef is about 2' thick and estimated to yield 20 oz. of gold to the ton. Claims have been taken up all along the line of the reef.

Lower Costerfield (Morris): 8 tons of stone crushed yielded 52 oz. of gold.

A new company, Victoria Coy., has started to work the flat between township and Ben Neira Hotel. Intends to work on same principle as that used in Ballarat for working wet ground, i.e. slabbing and timbering, and keeping the water down with a Whim or Steam engine.
Another copper ore find, 30 acres, a few miles from township. High copper percentage.

1 mining lease application for copper.

7-11-62.

1 mining lease application for copper.
1 mining lease application for antimony.

14-11-62.

1 mining lease application for antimony.
Victoria Mining Coy. commenced work on Flat opposite and S.W. from Victoria Hotel. Ground partially worked 3 years earlier, but then flooded. Shaft now 30' deep, expected to be bottomed within 2 or 3'. Company holds a claim 800 x 450'. This is first attempt on MoIvor to work alluvial ground on improved mining principles. Shaft most substantially slabbed.

14-11-62. (continued)

Old Racecourse rush greatly extending, now nearly to Old Melvor Inn, some getting 1 oz. of gold per tub.
Costerfield: Youle, Coster & Co. crushed 40 tons of stone yielding 62 oz. of gold (below average).
Forston & Co's, Red Hill: Average. Good thickness of reef.

21-11-62.

1 mining lease application for antimony.
Splendid gold yields from Old Racecourse Lead. Nugget 4 ozs. 15 dwts. washed out. Other parties washed 2 ozs. per tub.
Most claims paying well.

28-11-62.

Several other parties struck the Old Racecourse Lead, with good results. McKinnon washed 15 oz. of gold from bottom of a hole. From an abandoned claim a nugget, 3 oz. 7½ dwts., was obtained. Another nugget of 4 oz. generally gold is very coarse and water-worn.
About 4 miles below the present rush gold was discovered near the creek. Morning Star Reef (at present 2' thick): 30 tons of quartz yielded 90 oz. of gold.

1-12-62.

Rushworths: Alluvial and quartz mining almost at standstill. Only new rush at Old Ned's Gully. Several paying claims. Yield of gold (which is in a rement) is small, but miners making good wages from washing dirt. Nugget 10½ ozs., another 2 ozs. 15 dwts. Lead runs parallel with old workings, commencing above Melvor road.

12-12-62.

Alluvial gold yields above average.
Redcastle: 7 tons of stone crushed yielded 140 ozs., or 20 ozs. of gold per ton.
Wild Duck Quartz Crushing Co. Reef about 10' wide. Average 7 dwts. per ton.
Racecourse: Heavy finds of alluvial gold.

19-12-62.

Rushworths: Prospecting Associations formed and active, between Chinaman's and Walnut Plains a hole bottomed at 23' proved auriferous.
Morning Star Reef: 12 tons of stone crushed yielded 30 ozs. of gold.

MoIvor News 1863. January.

9-1-63.

Mining almost at standstill owing to long drought.

Antimony. Morris installing new machinery. Very good looking stone.

Rushworth. Report of new rush at lower end of Old Lead below Alfred Smith's Hotel. Prospecting party bottomed, obtained 1 to $1\frac{1}{2}$ oz. per tub.

16-1-63.

Caledonia Co: 40 tons from Western Reef yielded 149 oss. of gold.
(from south end of company's ground).

23-1-63.

Old Racecourse: most claims yield good returns. Small nugget 27 dwts. + 4 oz. of small gold. Most claims doing pretty well, many above average wages.

30-1-63.

Gold prices: £3-15-6 to £3-18-6 per oz.

Old Racecourse Rush: A good patch of ground yields £2 per day to one miner.

Antimony: Morris and Co. crushing a lot of stone.

Morning Star Co. Good return from crushing anticipated (about 4 oz. per ton).

6-2-63.

1 gold mining lease application, Caledonia Reef.

Many doing pretty well in old diggings.

Old Racecourse. A few make more than wages.

Many leaving for New Zealand.

Costerfield Antimony Mines: greatest attraction for speculation in this district. Large amount of capital being invested, after granting of mining lease applications pending considerable population expected. Yonle, Coster, Field and Co. 50 tons of quartz from Upper Costerfield yielded 96 oz. of gold.

Morris and Co., Lower Costerfield: $17\frac{1}{2}$ tons of mixed stone yielded 158 oz. 4 dwts. of gold. Reef steadily increasing in richness. Exploitation on such larger scale after completion of own machinery. McDougall and Co. have nearly completed machinery.

MoIvor Caledonia Quartz Mining Co. meetings

Satisfactory mining progress. 158 tons of quartz produced 428 oss. of gold since November last. 6 parties working on tribute.

Prospects encouraging.

13-2-63.

Redcastle. Clarke has crushed 6 tons of quartz yielding 90 oss. of gold.

6-3-63.

Gold prices: £3-18-6 to £3-19-0 per oz.

Antimony Costerfield: Complaint that Youle, Coster, Field and Co. not give information about their yield.

Antimony Reef bulging out and falling off alternatively. Morris and Co. Stone looking remarkably well, reef seems to get thicker and richer.

Upper Costerfield has about 120 population. Here is Youle, Coster, Field's machinery, - Stewart's Town, 1 mile nearer to Heathcote, 200 population, Morris' and 3 other claims Ross and Co. who will doubtless turn out the same rich lode as Morris, Kenny and Johnson and, south of it, Nil.

Desperandum Reef Mining Co. commencing a new shaft on the continuation of the rich Morris Lode.

From a new reef between Costerfield and Redcastle. 7½ tons of quartz yielded 8 ozs. 13 dwts. 12 grs.

Molvor Caledonia Co. From old engine shaft: 12 tons of stone yielded 33 ozs. which proves the main reef to be still payable. 40 tons of stone yielded 136 ozs. 10 dwts. of gold.

6 parties working on tribute.

Nugget weighing 2-3 ozs. picked up accidentally on surface near Golden Gully.

20-3-63.

Gold price £3-16 to £3-17-9 per oz.

Costerfield (Stewartown): Ross and Co. struck a leader at 87', auriferous, but has to be drained. - Morris and Co. Stone obtained supposed to be richer than ever. More machinery to be erected at Upper Costerfield. Unconfined report of rich yields.

27-3-63.

Butler's Reef likely to be worked again. 12 tons of stone, from 140' depth, yielded a cake of pure gold weighing 87 ozs. with 5 ozs. left in the amalgam. Reef 2' thick.

Shakespeare's claim, adjoining McDougall's, has sunk 2 shafts 50' deep, started driving and putting in levels. Good indications of gold and antimony. Leading article: "Prospects of the District".

Growing reports of gold rush in New Zealand etc. has induced at 50% of local miners to leave. This caused severe business depression. But prosperity of remaining miners has increased, as well as local yield of gold. Local quartz reefs yield highest average of gold per ton in Victoria. Although average thickness of reefs is lower, the richness of the veins is above average.

In addition: Rich, almost undeveloped antimony lodes.

Indications of a large silver ore deposit in vicinity.

Copper ore above the township. Mr. Harwood is working to strike the lode, a company to be formed for testing and development.

Antimony Costerfield Coster, Field and Co.: 80 tons of stone yielded 160 ozs. of gold. A prospecting party struck the reef 2 miles south of Morris and Co.'s claim. - McDougall and Co. have dismissed most men. - Shakespeare and Co., apart from above mentioned 2½' shafts, put in on their 20 acres lease 36' shafts etc., altogether 41 shafts from 10' up; have driven altogether 38 rods. They are 450 yards south of Coster, Field and Co.'s prospecting claim.

Clarke: 7 tons of stone yielded 10 ozs. per ton.

Redcastle, Staffordshire Plat: 20 tons of stone yielded 75 ozs. of gold (4 men in 5 weeks). - Hit or Miss Co. has struck the vein, likely to be highly remunerative.

3-4-63.

Costerfield, Coster, Field and Co. 75 tons of stone yielded 180 oss. of gold. Raising large blocks of antimony, looking remarkably well. Taken up claim on newly discovered reef, stone resembles that in the prospecting claim.

No. 1 and 2 south of prospecting claim have amalgamated, have sunk 85', putting in levels. Have got the same reef as Coster, Field and Co's, 2-5' thick. Shaft is sunk on prospecting boundary.

Another crushing machine to be erected nearby.

Morris and Co. have large quantities of very auriferous stone ready for crushing.

New Antimony Reef discovered, 1 1/2 mile N.W. of Coster, Field and Co's claim.

Prospecting party who discovered it took up claim. Quality said to be superior to any ore discovered in the district previously though no gold visible at first. Reef cropping out on surface. Antimony price increased to £8 per ton on the ground.

MoIvor Caledonia Co. 46 tons of stone from lower level of Western Reef yielded 50 os. of gold.

Alluvial miners busy in back gullies, seem to do very well.

Puddlers in full work, yield of gold greatly increased.

Very handsome nugget weighing 13 os. found presumably near Red Hill.

10-4-63.

Gold price: £3-16 to £3-18-9 per os. Escort (14 days): 936 os. 10 dwts. Costerfield and Stewartown: Considerable activity. In new reef gold found which is expected to pay well. Dalsiel and Allen's reef lately discovered south of Morris and Co's claim, has come in 1' thick, has been traced through Hay and Hikin's lease and Argo Mining Co's ground when at 25' deep the reef was struck 18" thick. Shepherd and Co. prospecting on large scale. McDougall and Co. crushing - 2 more machines being erected.

New Antimony Reef (see above) between Costerfield and Stewartown, 1/2 mile W. off the road. Antimony and gold are found, likely to pay exceedingly well.

Caledonia Quarts Mining Co.: 17 1/2 tons of stone yielded 35 os. 3 dwts. of gold.

12	"	"	"	"	"	17	"	10	"	"	"
9	"	"	"	"	"	7	"	5	"	"	"

Racecourse. Rush deserted 2 dwts off the bottom of a claim, but 40 shafts 12 - 14' deep turned out duffers.

Frenchman's Reef. 1/2 mile S.W. from Racecourse, gives good wages.

17-4-63.

Leading article: "The Mineral Wealth of the District".

Invitation to capitalists to invest here "with more chance of profit than many other part of the colony". Near some old workings a handsome nugget of over 2 obs. weight has been found where another, weighing 1 ob. was found some weeks ago. In these gullies only the middle ground was thought worth while working previously, but now the banks and higher ground prove their worth.

Stewartown. Morris and Co's. new engine nearly ready, the largest and most up-to-date in the antimony district. Ripple boards covered with copper plates to save quicksilver; besides blankets are used. Yield estimated: 10 - 12 os. per ton - McDougall and Co. also prepare to start engine operations efficiently.

(Ex-Lower Costerfield?)

Costerfield Coster, Field and Co. Average tonnage crushed over 100 tons of antimony per fortnight, yielding 150 oss. of gold.

Another crushing engine will work for public. Erected 500 yards from Coster, Field and Co's claim.

Shakespeare and Co. busy.

Field and Co. raising stone from No. 1 and 2 south (amalgamated), similar to Coster, Field and Co's stone.

The Austrians struck the antimony reef in No. 3 claim, north of Coster, Field and Co's claim. Have sunk 80', reef 18" thick.

17-4-63. (continued)

Very good ore.

Redcastle. Great Leviathan Reef. Sunk 120' where reef is 6-8" thick. Yield averages from time to time 2 oz. of gold per ton.

Hit-or-Miss Reef. 1 ton of mullock and 1 ton of stone yielded 12 oz. of gold.

Crinoline Reef. 1 ton of stone yielded 11 oz. of gold.

Clarke's Welcome Reef. 7 tons of quartz - 70 oz. 3 dwts. of gold. Sunk over 200', put in levels 50' from each side; reef 5-8" thick.

Redcastle:

Clarke's Marianne Reef: 9 tons of stone yielded 10 oz. 7 dwts. of gold. Shaft 105' deep; levels put in 60'. Stone is full of antimony and very similar to the one at Costerfield. Reef 18" to 2' thick.

Alluvial: New gully opened, sinking 3-8', 1 dwt. per tub. Very good rush anticipated.

Caledonia Gully. Tributors all hard at work. Sample of stone is richest ever seen in the district. Promising prospects.

Butler's Reef. adjoining Caledonia, busy, and good dividends from time to time.

Alluvial rush adjoining Tait and Co's claim turning out pretty well. Sinking 3-6', yield 1-2 dwts. per tub.

Long Gully, Balmoral claim: 8 tons of stone yielded 19 oz. 18 dwts. of gold (2½ ozs. per ton).

Heathcote Gullies. Satisfactory where sufficient water.

Shoer Gully: good returns.

Golden Gully: Favorite spot. Lucrative wages for puddlers.

Nuggetty Gully: Rush on new ground off the old workings. Running into the bank, a splendid nugget weighing 25 oz., was found. On same spot a nugget of 12 ozs. was found weeks ago.

Also splendid yield of fine gold up to 1 lb. per week.

(Ex- Upper Costerfield ?).

24-4-63.

Stewarton.

Sheppard and Co., of the 50 acre Argo lease, working vigorously. Reef is solid, comparable to Morris and Co's.

McDougall and Co. started pumping.

Morris and Co. about to start machinery.

Allen and Dalsiel sunk 25'. Reef 18" thick of pure antimony, gold visible.

Costerfield.

Shakespeare and Co. working in main shaft, north end.

Put in 40' levels each way, trying to cut through leaders, expect to reach same reef as Coster, Field and Co.

New 20 acre lease taken up adjoining above.

Field and Co. Nos. 1 and 2 south. Reef getting thicker.

Coster, Field and Co. crushing day and night. Reef still richest in district.

Redcastle.

Great Leviathan Reef. 4 tons from new shafts, north yielded 10 ozs. of gold. Working day and night.

Big Reef - average 2' thick.

New rush for claims near Pollock and Co's, Welcome Reef, Staffordshire Flat.

Alluvial : ½ - 2 dwts per tub, ground shallow and easily worked.

Heathcote Gullies.

Balmoral Reef. Men engaged on profit - share principle.

Crushing yielded 2½ ozs. per ton.

Puddlers obtaining good wages. Reefs generally progressing.

Caledonia Gully.

Eastern Reef. From 7 tons of quartz 90 ozs. of gold.

Western Reef. From 35 tons of quartz 102½ ozs. of gold.

Prospecting claim south of Caledonia Co's claim obtained good prospects.

Reef appears continuation of Butler's and Caledonia Reef.

Tait and Co. raising auriferous stone day and night.

Alluvial rush next to above attracts many. Sinking shallow, average

½ - 5 dwts.

1-5-63. (continued)

Tait and Co. raising very rich stone. Adjoining Caledonia and Butler Reefs. Alluvial rush adjoining Tait is turning out very well. Shallow sinking good wages.

Heathcote Gullies.

Puddlers doing very well.

Alluvial : Tolerably fair wages. Plenty of ground remains to be worked.

8-5-63.

Stewartown.

McDougall and Co. Stone from Bombay ground likely to turn out well. In the shaft adjoining the engine the reef has been struck. It contains large proportion of antimony, thickly interspersed with gold.

Shakespeare and Co. New Brunswick claim, struck a splendid looking reef 1' thick. Gold plainly visible in antimony. Reef was struck in shaft 40' deep.

No. 1 claim, south of New Brunswick, struck the reef 4' thick at 9' depth. Reef improving as they go down.

Morris and Co. commenced crushing with new machinery.

Costerfield.

Coster, Field and Co. crushing day and night.

Antimony for export, auriferous stone for crushing.

Field and Co., Nos. 1 and 2 claims south : Very rich stone, gold mixed with large antimony blocks.

Garibaldi Reef, Bryant and Co. Reef has come in well at south end of claim, stone looking splendid. Average 1' thick.

Reef in northern portion thickening. Line of reef is due north and south.

New reef discovered : Clyde Reef, 2 miles on road between Steam Sawmills and Stewartown. Reef struck 4' thick, full of antimony, gold visible.

7 claims taken up north and south.

Caledonia Gully.

Alluvial : 2-5 dwts. per tub.

Heathcote Gullies.

Puddlers doing remarkably well on Wattle Flat, Golden and Black Jack Gully, Red Hill.

Wild Duck Creek.

Quartz crushing Co. averaging 8 dwts. per ton. Reef 5' thick, stone easily got out. Working half time.

McIvor Caledonia Mining Co.

Managers Fr. Manduit, M. & C.E.

3 steam engines of 50, 16, 12 HP, for pumping, winding, crushing.

Two reefs: Eastern and Western. Eastern Reef running 30° east of north.

Intersect one another at 40' north of whim shaft and surface. This

junction of the two reefs has been traced on Nos. 2, 3, 4, 5 levels.

Eastern Reef diminished in richness from junction on all levels going

south. Western Reef was tapped by means of a cross-out, moderately rich,

and was worked. Eastern Reef very rich for 200' length on line of reef

which was continued as depth increases. First crushings from near surface

gave 20 ozs. of gold, last crushing within same belt or lead, at 318'

depth, yielded 11 ozs. per ton. Beyond northern boundary of this lode

the vein rapidly diminished in richness. From No. 4 level downwards, on

northern boundary of lode, a leader comes into the Eastern Reef from N.W.

expected to yield as good results as from Western Reef.

Mine has been extensively worked down to No. 5 level, 240' from surface.

Eastern Reef for 200' length (see above) worked out to 240' depth, by

means of shafts and levels some of which no longer exist. Existing shafts

and levels. Main shaft by which most of the stone is extracted. Whim

shaft serving Nos. 2 and 4 levels. Old Engine shaft 318' deep. Levels

now existing. Nos. 2, 4, 5.

Western Reef connected with Eastern Reef by cross cut from No. 2 level.

500 feet of this level existing on both reefs, well timbered, with tram-

ways. Dito crosscut on No. 4 level, 530'. No. 5 level connected by cross-

cut with main shaft.

8-5-63 (continued)

Western Reef was worked from this level, driving on the junction. No.5 levels total 460' length, timbered, tramways. Lode on Western Reef is contained in a belt of 180', dipping south, same as Eastern Reef, has been worked out from a depth of 100' down to No.5 level. Yield has been 2-20 oss. per ton, average estimated 4 oss. per ton. Last 8 months: 998 tons of stone yielded 2799 oss. of gold (*). 43 men working underground on tribute, most of them on Battern Reef below No.5 level, Western Reef between Nos. 4 and 5 levels. 3 more blocks between surface and No.4 level showing good prospects will employ 36 men. By sinking the Old Engine Shaft, and a Winze on Western Reef, will open up more blocks turning out 11 oss. on Eastern and $3\frac{1}{2}$ oss. per ton on Western Reef. Original water level was 80' from surface. Profits during last 6 months £2,000. Butler's, Long Gully, Argyle Reefs, etc. would yield equal if not better results if they also could be worked with more energy and capital below the original water level.

* taken out 100-238' below the original water level.

14-5-63.

Goldfields: Falling off in alluvial, steady increase in quartz reefing. Another antimony reef discovered near Stewarton. Said to be 4' thick with gold plainly visible throughout. Another lead said to have been discovered in the ranges. Alluvial yields in old ground very fluctuating. Aboy, returning from Wild Duck, picked up a piece of gold weighing 7 grains. Costerfield, Morris & Co. Crushing of 30 tons yielded 200 oss., stone taken from depth 75', reef 5-9" thick. Water shaft 115' deep. Youle, Coster, Field & Co. Crushing of 9 days' yield realised 34 oz. 6 dwts. New Brunswick Reef: Prospects improving. No.1 south of prospecting claim came up on a reef 10" wide, of quartz, antimony and sulphurstone. 1 application for antimony mining lease, Costerfield.

21-5-73.

Gold Prices: £3-18-6 per oz.
1 application for antimony mining lease, Costerfield.

28-5-63.

Mr. Potter, of Caledonian Gully discovered a highly promising reef on south side of Caledonian Gully above the gold Miners Arms, named Phoenix Reef, after long prospecting. 1 application as before.

25-6-63.

Costerfield: 100 tons of stone yielded 159 oz. 13 dwts. of gold. Coster, Field, & Co. - New Brunswick Reef: Unsatisfactory. Phoenix Reef the most promising in Heathcote District. New shaft being sunk to catch the reef at about 70'. 1 application for gold mining lease, Costerfield.

2-7-63.

2-7-63.

Butler's Reef: idle for 3 years. Applied for new mining lease.
Phoenix Reef looking first-rate.
Welcome Reef, Staffordshire Flat, promising.
Hay's Gully: Very patchy.
Up Caledonia Gully alluvial rush, several holes bottomed near Phoenix and Butler Reefs.
1 application for antimony mining, Costerfield.

10-7-63.

Redcastle: Welcome Reef, 16 tons of stone crushed averaged $1\frac{1}{2}$ oz. per ton.
Applications for antimony, Costerfield.

17-7-63.

Redcastle: Mining very quiet. Staffordshire Flat almost deserted.
Costerfield: Lower Costerfield looks deserted. Morris & Co. crushed 25 tons of stone yielding 120 oz.

31-7-63.

Lower Costerfield: Iverson & Co. sinking a new shaft to catch a highly auriferous lead, was struck in a drive 65' west of their present shaft.
Hay's Gully most important field in alluvium. 3 oz. 4 dwts. taken from bottom of a shaft.

7-8-63.

Costerfield: Favourable results, good outlook.
Crushing and shaft-sinking.

14-8-63.

Phoenix Reef. Stone looking splendid.
From Potter's old reef a party of miners raises stone surpassing in richness anything seen for a long time.
(Bonaventura Claim).

21-8-63.

Costerfield: Coster, Field & Co. crushed 100 tons for 235 ozs.
At a depth of 100' the reef in Nos. 3 and 4 south is small but composed of fine antimony. Will open out again soon, with excellent prospects.
Morris and Co. finished water-shaft will now drive levels. Famous old reef caught again at 80-90', about 10" thick.
Redcastle: Very quiet. Only 2 or 3 first-class payable claims.
Curly-Dog Gully Company formed.

- 40 -

28-8-63.

Generally very slack.

Phoenix Reef: 16 tons crushed yielded 50 oss.
New antimony lode discovered, 16 miles from Heathcote, auriferous.

4-9-63.

Redcastle. Crushing from Hit or Miss Coy's No.1 claim: 14 tons of stone yielded 130 oss. of gold. Stone from Spring Creek produced 4 oss. per ton. Otherwise very quiet.

18-9-63.

Redcastle. Best crushing from Welcome Reef: 12 tons stone gave 137 oss. gold. Curly Dog: 9 tons gave 13 oss. 13 dwts. generally, slight improvement.

25-10-63.

New Reef discovered at Haye's Gully.
A few nuggets, 2 and 3 oz. pieces, near Dead Horse Gully.
Phoenix Reef being opened out.

9-10-63.

Redcastle. Hit or Miss Co: 19 tons turned out 162 oss.
Otherwise very poor.

30-10-63.

At Council meeting, Heathcote, application was made to sink in High St.
Struck payable wash-dirt at 23'. Prospect is about $\frac{1}{2}$ dwt. to the tub,
with 18" of wash dirt.

6-11-63.

Extensive mining operations at Carter's corner, High St.
Several holes payable. From Union claim a trial tub turned out 6 dwts.

13-11-63.

Raywood Rush: Best in Victoria for some time.
Heathcote, High Street: Only 4 shafts worked, three payable. Good
prospect from hole at back of Miner's Store, 30 grains to 4 buckets.

20-11-63.

High Street: Several claims still working but scarcely up to expectations.

27-11-73.

Leading article criticising mining legislation.

High Street: Now and then a good prospect obtained, but wash up never up to the mark.

4-12-63.

Redcastle: "Hit or Miss". Reef struck in new shaft of Watson & Co. its appearance very encouraging. Welcome Reef: Crushing of 10 tons yielded 150 oz.

Wild Duck quartz reefs taken up by new company ("Great Leviathan").

Thunderbolt Reef will be tried systematically. Previous yields 1-12 oz. per ton. Old claimholders sunk 175' (25' below water level), but never extended workings beyond 30'. Intended drive from 130' deep to the north. There is a junction of two reefs, yield from quartz was 11 oz. per ton.

Costerfields: Rumours of failures denied. Returns are equal to best expectations.

High Street: Holes sunk in all directions.

Publication of Shepherding Clause of Sandhurst Mining By-Law.

Holders of alluvial claims must be on their claim every working day, otherwise claim may be forfeited.

11-12-63.

High Street: Many shafts filled in. One or 2 new ones started.

24-12-63.

Caledonia Gully: Long Gully Reef has been drained, prepared to be worked by modern mining methods.

- 42 -

1864.

1-1-64.

Gold Price: £3-18-3 to £3-19-3 per oz.

19-2-64.

McIvor Caledonia Quarts Mining Co.: Shareholders meeting, no profit for 7 months, but deficit.

15-4-64.

1 application for antimony mining lease, Costerfield.

22-4-64.

Redcastle: Hit or Miss claim, Welcome Reef: 11 tons of stone yielded 256 oss. of gold.

29-4-64.

Caledonia Gully: Now crushing machine erected.

10-6-64.

Redcastle, Welcome Reef on Staffordshire Flat. 11 tons of stone yielded 66 oss., from 100' depth. Average thickness of reef 9".

24-6-64.

New Antimony Smelting Process. Patent by the Rev. Edw. Hughes of McIvor, taken out for separating antimony from other metals. Two men may produce 30 tons per week. Worked at Costerfield under the name "Victorian Antimony Smelting Co." Extracting of gold and silver from the ore in England by smelting. Could also be exported for conversion in white paint.

1-7-64.

Leading article: Gold fever is over, our extravagant notions thereby created are subdued. Urging agriculture and manufacture.
Costerfield: 125 oss. of gold in a fortnight.
McIvor Caledonia Mining Co. is being wound up.
Victoria Flat at south end of township about to be worked.
Butler's Reef, Caledonia Gully: Good stone, very promising.

15-7-64.

Yields from quartz crushings above average.
Redcastle, Welcome Reef: Very rich stone, 4 tons yielded, after retorting, a rake of 130 ozs. This reef has given a succession of the best yields in the district.
McIvor Caledonia Reef: Tributary got better stone than for a long time.
Costerfields: Coster, Field & Co. are putting in levels. Messrs. Field are crushing splendid looking stone from No.s 1 and 2 south claim. Fine new crushing machinery almost completed. Best in district.
Minerva Co. working No.s 3 and 4 south, are erecting furnaces for calcining the tailings as they intend crushing without mercury in stamp boxes as stone contains large quantities of antimonial sulphide causing loss of gold and mercury. Stone crushed was taken from a 68' level, stone below shows larger antimony %.

19-8-64.

Leading article: "Our Mineral Resources". Claims that Heathcote District IS RICHER THAN ANY OTHER PART OF VICTORIA in variety and excellence of its minerals. Apart from gold and antimony, platina has been discovered here. But complaints that, after the first rush, no real efforts have been made to work the ground again. What is lacking most, is water. This should be remedied first. Antimony extraction will doubtless be permanent, industry, refers to Rev. Edv. Hughes' invention. Quartz reefs proved exceedingly rich in patches. Complains that only these patches are worked, then reefs abandoned. Cement mills could be worked profitably if there were sufficient cheaply working crushing machinery (with water supply) on the spot. Alluvial flats require only skill and capital to yield profits.

2-9-64.

Wild Duck Reef abandoned, engine idle. But some mining parties doing very well on Wild Duck Creek between Warren's Store and old reef.

8-10-64.

Machinery and mine of McIvor Caledonia Quartz Mining Co. advertised to be sold by auction.

15-10-64.

Redcastle, Welcome Reef: 13 tons of stone turned out a cake of gold weighing 321 ozs.
Wild Duck Creek. About 100 miners from Heathcote are reported to get good returns. (denied by "McIvor Times").

29-10-64.

Leading article: "Our Mineral Resources". From William's newly discovered reef in Argyle Gully, 1 ton of quartz yielded 200 oss. From Clark's mine at Redcastle. 320 oss. of gold from 4 tons of quartz. New alluvial rush at Wild Dog Creek yields good results, sinking is shallow. Minerva Co's Mine, Costerfield: Long detailed technical report on Experiments in amalgamation.

5-11-64.

Leading article demands State subsidies for building water reservoirs to supply the mining industry at Heathcote. Argyle Gully, William's claim: 10 tons of stone yielded 204 oss. of gold. Gold export for 14 days only 500 oss. (previous fortnight almost 1300 oss.)

Nolvor News. Reports from Whroo.

17-7-60.

Carr's reef yielding excellent stone, Albert reef the same. Water in shafts. Balaclava: excellent stone, has for years been one of main supports of the place.

Several parties prospecting for Carr's and Albert's. Several good gold containing veins from Balaclava towards Malakoff and Golden Point. From a new vein on Balaclava 2 oss. per ton expected. At White Hills and Siberia reefs are improving in depth.

In alluvial, the Cement, Scotchman's Gully and White Hills, Rush going on paying wages.

Should be fine field for puddlers. Similar rush in Old Ned's Gully.

23-7-60.

Steady progress in quartz reefing, very rich stone in deepest Balaclava workings 125 ft., also on the Albert, at 235 ft. From Happy-go-Lucky reef: 4 tons crushed 8 oss. 2 dwt.

Alluvial rushes going on, more payable ground opened up.

3-8-60.

See prospectus Balaclava Hill Company of 27-7-60.

A shaft sunk earlier is 10 or 12 ft. from the line of reef supposed to continue Carr's, part of which is being profitably worked by Albert Company.

20 tons crushed from Albert Coy's claim. Result satisfactory.

Vein was very thin for some distance, thrown back by cross-vein, but now resuming position and thickness as before. On Happy-go-Lucky a second claim struck payable gold at 40 ft.

Several east-west veins on Balaclava now being prospected.

10-8-60 (from 6-8-60).

Very rich stone being raised. Carr's claim: Large body of payable quartz is being worked. Thick vein of quartz discovered behind the Malakoff, named Morgan's Reef.

Cement Rush: Holes bottomed at 17-25 ft. paying well. (1 os. per load).

Scotchman's Gully patchy. In Long Gully only few making more than wages.

White Hills doing well.

17-8-60.

Quartz mining improving. Very rich vein on Carr's Reef, 9" thick. Very good stone on Balaclava, vein thickening. Happy-go-Lucky: prospect of a long line of payable workings. Morgan's Reef, about 2' thick, improving. Alluvial mining oncreasing. Favourable results in Long Gully. In Cemetery Gully in one claim 4 dwts. per basket. Sinking 7-14' -- Systematic prospecting gave favourable results.

24-8-60.

Balaclava Hill yielding excellent stone, but company not likely to be formed owing to depression on money market.
Black and Co.'s claim on Albert Reef yielded excellent stone.
Very satisfactory crushing results.

31-8-60.

Quartz mining improving. On Happy-go-Lucky five claims have got gold. 10 tons crushed yielded 1 oz. 15 dwts. per ton (third lot of payable stone got from this claim).
Albert Reef looking extremely well. Some good stone. In deep ground at Graveyard Gully is very hard cement containing much fine gold.
Gold has been found 4 miles from here on Kilmore road.

7-9-60. (from 3-9)

Albert Reef Coy. applies for new lease on Malakoff Hill. Quartz now got in prospecting shaft is rich, but vein thin. From Johnson's Reef trial crushing: From 1 ton 3 oss. $\frac{1}{2}$ dwts. of gold.
New stamping machine tried out by Sharpe, Brown and Co.
This company's reef, tested 140' deep, has inexhaustible quartz supply.

14-9-60.

New crushing engine started work.
Prospectus for new company issued to work in Nuggetty Gully.
Old claim on East Side of Balaclava yields payable gold again.

21-9-60.

Mining brisker than last 3 weeks. Balaclava yields very good stone.
Nassino's Reef improving. 12 tons of quartz from Jones' claim on Albert Reef averaged 12 oz. per ton, improves in depth. Very rich stone in adjoining claim.
Alluvial: Some very rich wash-dirt in Cemetery Gully which has been rushed and abandoned some 3 times. 2 ft. below previous workings 8 dwts. per tub has been got. Gold turns out of the gully, follows the hill side, is expected to form a lead. The gutter averages 3' deep, in parts only 3-4' wide. Nearly all holes have hard cement 1-5' thick, many have several thin layers, containing gold near bottom, most important rush for 2 years.

28-9-60.

6 tons from top of reef in Nassino's claim yielded 2 oz. per ton. Vein is now fully formed, about 7" thick, likely to give 3-4 oz. per ton.
Balaclava and Albert Reefs yield very good stone.
Alluvial mining improved. Cemetery lead very narrow and patchy. Very good little rush in Cousin Jacky's Gully, above old working. Average 1-2 dwts. per tub.

12-10-60.

Albert Reef: Some of the best quartz yet discovered so low down the line of reef 240' deep. Thickness of vein fluctuating very much. At White Hills and Siberia quartz mining brisker.

New crushing machine.

Alluvial: Small rush about $1\frac{1}{2}$ miles on Kilmore - McIvor road (not payable) where gold was got in patches 3 years before. Some good ground lower down Scotchman's Gully, some claims averaging 2 dwts. per tub.

19-10-60.

Albert Reef: From $3\frac{1}{2}$ tons of quartz (from "wet shaft") 20 ozs. of gold obtained (first payable stone found so low down the line of reef). $10\frac{1}{2}$ tons of quartz from Happy-go-lucky yielded 2 ozs. per ton (general average of this reef), 6 claims now working. Reef rather improves in depth. 4 tons from Albert Co's claim yielded 19 ozs. of gold.

Whroo and Rushworth goldfield are expected to become one eventually.

Alluvial: improvements.

26-10-60.

Albert Reef: From 8 tons of quartz $14\frac{1}{2}$ ozs. per ton.

Balaclava: 23 tons yielded 14 oz. per ton.

Very good stone from a reef 1 mile beyond Siberia.

2-11-60.

Carr and Co. struck thick vein of very rich stone.

9-11-60.

Alluvial Scotchman's Gully busiest.

23-11-60.

Carr's Reef: Average $2\frac{1}{2}$ oz. per ton. Vein about 12" thick.

Gold got in prospecting claims at both ends of reef.

26-11-60.

Albert line: Very rich stone.

Alluvial, Scotchman's Gully: Nugget over 1 oz.

White Hills: Nugget $5\frac{1}{2}$ ozs.

7-12-60.

Albert Reef: Very rich stone. Vein averaged 3' thick.
Chinaman's Hill: Prospecting shaft now 20' thick, likely to pay.
Nuggetty Gully: Good stone from bottom.
32 tons of quartz yielded 39 ozs. 2 dwts.

14-12-60.

Francis, Jones and Co. claim: Depth 245', vein thickening, gold
coarser. Mixed stuff gave 4 oz. per ton, quartz 10 oz. 6 dwts.
Balacava: Over 4½ oz. per ton.
Johnson's new reef showing more gold.
Clark and Doyle's reef, Kilmore road: 5' thick.
Fontainebleau: New gully sinking about 10', 40 holes prove payable.

29-12-60.

3 tons of quartz from bottom of Nuggetty Gully yielded 4½ oz. of gold.
Very good stone from Albert line.
Clark & Doyle's Reef, at Kilmore Road: 21 tons of quartz yielded 20 ozs.
13 dwts. Reef is 6' thick.
White Hills: A vein yielded 6 ozs. per ton.
Morgan's Reef: 2' thick.

Whroo MoIvor News 1861.

14-1-61.

Albert Reef Co's claim. 1½ tons of quartz left over previously yielded 20½ oz. of gold. Further prospecting imminent. Albert Reef rather improving.

Ballarat Reef claims abandoned.

White Hills Reef 14" thick.

Reefing steadily progressing.

21-1-61.

Albert Reef: Small & Anglade's claim yielded 7 oz. per ton from 4 tons. Extension of tailing operations (saw machines).

28-1-61.

Chinaman's Reef: 9 tons of stone yielded 3 oz. per ton.

Carr's Reef, new shaft: 5½ tons stone yielded 11½ oz. per ton.

Balaclava steady.

Albert Reef: New crushing and draining enterprise.

White's Reef, Siberia: Good done.

Alluvial: Busiest places are Scotchman's Gully, Windlass Flat Chinamen putting up new puddling machine near Cemetery Gully.

4-2-61.

Albert Reef: Operations hampered by water.

11-2-61.

Balaclava, Lewis' claim: 6000 tons of rubbish have been crushed, the same amount again is estimated as paying.

Albert Reef: Frequent breaks or jumps occur in reef.

Deeper parts mostly richer. Very good stone at 336' depth.

Chinaman's Reef: Green & Co.'s claim improving in depth, unlike others on this reef.

White Hills: Reefing brisk.

18-2-61.

Albert Reef: Francis, Jones and Co's claim: 78½ tons of quartz and rubbish averaged 7½ oz. of gold per ton, from depth 225'. Small and Anglade's claim: Some very rich specimen. Albert Reef Co. getting very good stone, opening new shaft. Carr's Reef: Very good stone.

Chinaman's Reef: Green & Co: good stone from depth 73', vein 6" thick.

Payable gold in old lead on Windlass Flat, Scotchman's Gully.

25-2-61.

Carr's Reef: 12 tons of quartz and 13 tons of washdirt yielded 35 oz. of gold. Good stone also in adjacent claims.

Albert Reef Co. Very good stone.

Chinaman's Hill: Good stone.

Alluvial: Payable gold in and about the old gullies. Some good patches at the back of Balaclava, also in the main gully.

4-3-61.

Carr's Reef: 16 tons of quartz and rubbish yielded 1½ ozs. per ton, paying well.

Balaclava: Lewis sinking new shaft, following a new vein 8" thick, depth 12 - 14'.

From White's Claim yield 2 oz. per ton, vein 18" thick.

Clark and Doyle's Reef: New vein 50' deep, running almost perpendicular. Above this the vein has thinned, 2' thick. This claim contains immense quantity of payable gold, vein 4-5' thick, containing gold all through.

Alluvial. Few claims near Murchison road pay well. At Fletcher's run several doing well.

11-3-61.

White Hill, Siberia, Fontainebleau: Reefing brisk.

18-3-61.

Quartz mining rather improving.

Balaclava: Lewis discovered new reef behind old workings, but running in different direction. On top of reef large boulders of coarse quartz containing payable gold, partly 4' thick. Vein below 15" thick. In Nassino and Co.'s new shaft found, 60' deep, a payable vein 7" thick. 9000 tons of rubbish have been crushed.

Albert Reef. Francis, Jones and Co. found a vein 12" thick crossing their claim north-south, containing gold and antimony.

From head of Hindlas Flat 5 tons of cement have been crushed, yielding 2 oz. 2 dwts. There are very large cement deposits in various parts which all, if systematically worked and cheaply crushed, might pay well. Gold is generally heavy, spread throughout, some times 4-5' thick. Chinese seem to be only puddlers doing well. Nuggetty Gully looks promising.

25-3-61.

Balaclava. Lewis discovered second vein, 1' thick, running east-west. The new vein discovered a fortnight earlier runs north-south, improves in richness.

Other claims also improving.

Chinaman's Hill. Somerville & Co.'s claim 90' deep. Very good stone. Otherwise much the same.

1-4-61.

Balaclava, Lewis - two new veins thicker (20") and improving.
Albert Reef - 18½ tons of rubbish and quartz yielded 2½ oz. per ton. New vein discovered a fortnight ago crossing this claim is 14" thick.

8-4-61.

Nassino & Co: Good stone from new shaft, 60' deep, vein 15" thick, thickening.
Albert Reef Co. Very good stone from leased ground, vein 8".
Albert Reef for most claims at present valueless, until drained.

15-4-61.

Albert Reef: 5 tons of quartz yielded 4 ozs. per ton.
Gary's Reef improving.
With cheap crushing Morgan's (3' thick), Victoria and Black Reefs should pay well.

22-4-61.

Albert Reef: Improvement expected by installing by pumping engine and cheaper crushing.
Tailing amalgamator machines commence working day and night.
Generally busy, unchanged.

29-4-61.

Chinaman's Hill, Somerville & Co.: 20½ tons of quartz yielded 3 oz. per ton, like all crushings from this claim.
Albert Reef Co.'s prospecting shaft: 4½ tons of quartz yielded 33 oz. 7 dwts. of gold.
Gary's Reef: 1½ tons ozs. per ton.
Alluvial: Busiest part the cement rush at Fontainbleu.

6-5-61.

Quartz mining very steady.

13-5-61.

Quartz mining very steady.
Chinaman's Hill: Vein thinning, but more auriferous.
About the middle of Scotchman's Gully 2 new veins discovered, 18 and 4" thick.

20-3-61.

Albert Reef, Francis, Jones & Co.'s claims 86½ tons of quartz and slate yielded 6 oz. of gold per ton.
Three patent amalgamators working very satisfactorily (200 tons of tailings per week).
Balaklava. Lewis' new vein 40' deep, 10" thick, yielding very good stone, day and night.
Generally, reefs paying well.
Alluvial: New ground opened up between Sailor's Flat and White Hills.
Cement paying well.

27-5-61.

Balaklava. Crushing results 2½ and 2 oz. per ton.
Albert Reef. Very rich quartz.
Carr's Reef improving. Vein 18" thick and depth 110'.
Reefing generally brisk and payable.
Alluvial: Busiest part the cement at Fontainbleau.

4-6-61.

Albert Reef: 8 oz. 2 dwts. per ton.
Chinaman's Hill, Somerville & Co's Claim, 3½ tons of quartz yielded 19 oz. of gold, by far the best yield so far on this line of reef.
Nassino & Co. discovered new vein, very rich quartz on surface.
Carr's line of reef: Very good stone.
Cemetery Hill rush continues.

18-6-61.

Clark and Doyle's, Kilmore road: 25 tons of quartz yielded 32 oz. 18 dwts. of gold.

24-6-61.

Quartz reefing rather dull.
New reef prospected on Murchison road, ½ mile from Whroo, gold in quartz and sandstone.
Three patent amalgamators constantly at work.

1-7-61.

Albert Reef: 10 tons of quartz yielded 2½ ozs. per ton.
Carr's and Happy-go-Lucky Reefs improving.
Albert Reef Co. working night and day.
White Hills: Reefing dull.
Sailor's Flat road: Several claims paying good wages. Nuggets: 4 oz. 2 oz., 19 dwts. sinking 3'6".

15-7-61.

Victoria and Black Reefs. 73 yards taken up by Lewis, expected to pay well.

Albert Reef Co. sinking new shaft. 5 tons of quartz yielded 7 oz. per ton. Small & Co.'s claim, near surface: 9 tons of quartz yielded 4½ oz. per ton. Francis, Jones & Co.:

Very good stone.

Chinaman's
Happy-go-Lucky } Very good stone.

Cement is busiest part of Alluvial.

Lower part of Nuggetty Gully is being prospected.

23-7-61.

Albert Reef, Francis, Jones & Co.'s claim. Good results, best stone in deepest part, below water level.

Albert Reef Co. sinking new shaft to catch reef on the dip.

Otherwise the same.

29-7-61.

Albert Reef, as above: Average yield 8 oz. per ton.

Whroo Quartz Mining and Pumping Co. formed. When starting work, Albert Reef will be busiest part of Whroo goldfield.

Carr's Reef: 29 tons of quartz and rubbish yielded 68 oz. 15 dwts. of gold. A vein 6" thick is likely to yield 10 oz. per ton.

Frenchman's Reef (ex. Nassino's) will pay well, 2'6" thick.

9-8-61.

Chinaman's Hills: 10 tons of quartz from Greene & Co.'s claim yielded 58 oss. of gold (3 tons of this lot averaged 1 oz. per ton).

13 tons yielded 22½ oss.

Albert Reef: 3½ tons yielded 15 oss., vein improving with depth.

Happy-go-Lucky: Several claims paying.

Reefing more brisk owing to cheaper crushing.

Alluvial more brisk. Nugget weighing 15 oz. 3 dwts. found in a little

gully near Sailor's Flat road. Gold very dull in colour, contained

some ironstone. In same gully nuggets found weighing 8 dwts. to 5½ oss.

New rush to ground between Helvor and Kilmore roads, 2 miles from Whroo,

sinking 5-10', gold averages ½ - 3 dwts. per tub, most claim payable.

Tailing amalgamators steadily at work.

12-8-61.

Carr's Reef: 20 tons of quartz yielded 26 oss.

Happy-go-Lucky. Most claims payable, but not very rich.

Victoria Reef thick and payable, but only in greater depth.

Lewis' claim is being worked day and night.

Belaklava Hill: Anderson & Co. working a vein 16" thick.

Two other veins closeby. - Frenchman's Reef steadily payable.

Albert Reef Co. sinking new shaft night and day. - Francis, Jones & Co. getting very rich stone.

White Hills and Siberia: Reefing more brisk, paying wages.

19-8-61.

Victoria Reef, Lewis' new claims: 14 tons of quartz averaged 2 oss. per ton; vein 2' thick, but variable.
Carr's Reef: Good in several claims.
Albert Reef: Very good.
Alluvial: Cement still busiest part.

2-9-61.

Stockyard Hill, new reef: 5 tons of quartz yielded 9 oss, reef 8" thick, getting more solid and richer.
Happy-as-lucky: 4½ tons yielded 8 oss.
Black Reef: Very good stone, but reef patchy.
Chinaman's }
Carr's } Reefs: Very good.
Albert Reef: Claims working are paying well.
Alluvial: Considerably more gold sold than usually.

16-9-61.

Pitman & Co.'s new shaft: 2½ tons, 10 oss.
Carr's Reef: Very rich stone.
Alluvial: Now rush 4 miles on Kilmore road, about 70 men, many claims payable, but nothing heavy.

3-9-61.

Albert Reef, Francis, Jones & Co: 98 tons of quartz and sandstone yielded 4 oss. per ton (about half the tonnage being sandstone).
Carr's Reef: 20 tons of quartz yielded 90 oss. 7 dwts., vein 4 - 10".
New Stockyard Reef continues to pay well.
Elliott & Co's shaft 270' deep, no water.
Kilmore Road rush: Gold scattered over whole area, but not generally payable.

Chinaman's, Greene & Co.'s claims: 8½ tons, 69 oss. vein 2 - 9" thick.
Albert Reef Co.'s shaft: Gold struck.
Carr's line, William's Reef: Struck thick rich vein, getting excellent stone.

7-10-61.

Albert Reef, Small & Co. : 8 tons, 16 oss.
Chinaman's }
Carr's line } Very good stone.
of reef.
Alluvial improving.

14-10-61.

Carr's Reef: 2 os. per ton, vein 12" thick.
Balaclava: Lewis getting very rich stone in blocks left unworked near surface.
Stockyard and Frenchman's reefs: Very good stone.
Kilmore road: Some very rich specimens from Clark and Doyle's reef, gold is nuggetty and well distributed.

22-10-61.

Mysterious Reef: New claim taken up.
Balaclava: Lewis' claim: Gold 2 or 3' through sandstone, in paying quantities, in many places very rich.
Kilmore Road as above.
McIvor road rush continues, 30 parties at work.
Rush at Spring Creek.

28-10-61.

Albert Reef Co.'s claims on Carr's line: 7 tons of quartz, mostly cross veins, yielded 8 oz. 6 dwts.
Balaclava Hill is intersected by at least a dozen known quartz veins, all containing gold. The whole hill would probably pay for crushing when worked on a face.
Kilmore Road, Clark & Doyle's claim, getting very rich specimens.
Alluvial unchanged. Cement still busiest part.
McIvor road rush rather extending.
Several claims at foot of Nuggetty turning out well.

3-11-61.

Happy-as-Lucky: 5 tons of quartz yielded 10 oss. 8 dwts.
Balaclava: Lewis took on more men.
Carr's line }
Albert } Very good stone.
Chinaman's }
Kilmore Road rush continues.
Murchison Road }
Herd Hill } Several claims turning out well.
Scotchman's } Nuggets 4 os. to 14 dwts.
Alluvial gold: Amount sold far above average.

12-11-61.

Mysterious Reef: Vein 16" to 2' thick, will pay well.
Carr's Reef: Numerous jumps, but very good stone. Struck solid vein 4' from the old one.
New puddling machine in Main Gully.
Kilmore Road: New ground found payable.
Old Cement Lead at Siberia continues good.
Alluvial: Yield above average of old diggings.
Appeal to do more prospecting, result during past year above average of other goldfields.

19-11-61.

Chinaman's, Cameron & Co. : 3½ tons of quartz yielded 11½ oz. of gold (claim had been abandoned for nearly 2 years).

Happy-go-Lucky: Very rich stone.

Alluvial rather improving.

26-11-61.

Albert Reef, Small & Co. : 1½ tons of quartz yielded 6 oz. 12 dwts. of gold; vein 4" thick. Quartz tailings from Stanton, Moore and Co.'s claim, assayed in town, yielded 8 oz. of pure silver per ton.

Chinaman's

Happy-go-Lucky

Carr's

Albert

Balaklava

} Very good quartz.

3-12-61.

Albert Reef pumped dry by new machinery of the Whroo Quartz Mining and pumping Co. Shaft is 260' deep. (enlarged to 130').

10-12-61.

Albert Reef, Francis, Jones & Co.'s claim: 33 tons of quartz and rubbish yielded 117 oz. 19 dwts. of gold from about halfway down the claim.

Long Gully. Payable gold found in some gullies.

Alluvials: Murchison Road and Windlas Flat busiest.

Molyer road rush continues payable, especially cement.

J.T. Lewis has been awarded a 1st. class certificate, by the committee of the Victorian Exhibition, for his collection of gold specimens, mostly from his reef on Balaklava Hill. Will be sent at London Exhibition 1862.

Previous report of silver having been found on assaying a specimen from Whroo is denied.

Puddling at head of Butcher's Gully improved.

Recommends construction of dams for which excellent sites exist, and use of some of the grant for reservoirs on goldfields for this purpose. No goldfield in Victoria is naturally as dry as that of Whroo. No water found under 235' depth. Gullies let rainwater run off fast.

17-12-61.

Happy-go-Lucky, Dunn and Co.'s claim: 9 tons of quartz yielded 50 ozs. of gold, best yet got on this line.

Carr's line, McDermot: 6 tons of quartz and rubbish yielded 13 oz. 3 dwts. of gold.

Kilmore Road, Clark and Doyle: 25 tons of quartz yielded 30 oz. of gold from thick reef. Several very rich specimens.

White Hills, Chinaman's reef. Good stone from a vein 4' thick.

Spring Creek: Very good stone from some quartz claims.

Alluvial brish, good deal of gold from cement load.

24-12-61.

Carr's Reef, from a thick vein in Carr and Co.'s claim:
43 tons of quartz and rubbish yielded 47½ oz. of gold.
5 tons from adjoining claim yielded 2 oz. per ton.
Johnson's Reef: Very good stone.
Chinaman's Reef: very good stone.
White Hills, Chinaman's: Very coarse gold in thick vein.
Gravel Pits: One of numerous beds of blue cement, likely to be worked extensively. 20 claims taken up, several payable, 2 or 3 very rich.
Most important rush of the season Cement 3-5' thick.

Whroo Melvor News 1862.

1-1-62.

Chinaman's Reef, Muir and Co. Vein thickening considerably, 15' thick,
150' deep.
Most other claims idle.
Gravel Pits: Very good cement from prospecting claim.

3-2-62.

Balaclava. Lewis going to raise 50-100 tons weekly from 120' depth.
Pitman and Co.: 1 oz. per ton, thickness 2'.
Chinaman's, Muir and Co. 18 tons yielded 83 ozs.
Johnson's Reef: 4½ tons yielded 30½ ozs. of gold.
Kilmore Road, Clarke and Doyle. 1½ oz. per ton, very good stone.
Carr's
Chinaman's } Looking well.
Happy-go-lucky }
Saw and Berrook sinking new shaft 170' to catch to the reef.
Some now grand payable at the end of lead at Sailor's Flat, at the
Kilmore and Melvor road rush, and Windlass Flat.
Gravel Pits. Some payable alluvial alongside the cement.
Report of payable gold being found on Warranga Plains.

10-2-62.

Happy-go-Lucky: 10 tons - 12½ ozs.
Albert Reef: Whroo Pumping Co. deepening engine shaft by 25'.
Shaft is 4'6" by 8'6" - Benison's claim.
Surface gold in adjacent claim.
Warranga Plains rush almost a failure.

17-2-62.

Gravel Pits: Cement paying well.

25-2-62.

Quartz reefing steadily progressing, very good stone is being got in several reefs.
Balaclava (Lewis) paying well. Crushed 70 tons.
WINDLASS Windlass Flat busiest, nearly 40 miners at work on the lead.
Puddling is brisk.
Looking forward to separation from Bendigo Mining District.

14-3-62.

Albert Reef: Upper end is nearly stopped for want of draining.
Carr's Reef: Very good stone being got.
White Hills: New shaft completed, drives are now through old workings.
At Whroo, Windlass Flat and Hard Hills are busiest.

18-3-62.

Carr's Reef: From 22½ tons of quartz 57½ ozs. of gold.
Happy-go-Lucky: From 2 tons of quartz 5 ozs. 7 dwts. Pays well.
Harley & Co.'s Reef, Malakoff: vein about 18" thick.

20-5-62.

Balaclava: 120 tons of quartz crushed, payable.
Happy-go-Lucky: 3½ tons of quartz yielded over 14 dwts. per ton.
Black Reef: 5 tons of quartz yielded 2½ ozs. of gold.
Albert Reef 10½ tons of quartz yielded 22 ozs. of gold.
Aylo French Reef: 15 tons of quartz yielded 8½ ozs. of gold.
Very good stone is got in new shaft on **Pega-of-Day**, 60' below surface.
Malakoff: Gold is being got on surface, vein 10" thick.
White Hills: 36 tons of quartz yielded 9 dwts. per ton.
Windlass Flat and bottom of **Nuggetty** are busiest, nugget of 7½ dwts. was found.

27-5-62.

Happy-go-Lucky: 5 tons of quartz yielded 14½ oz. gold.
Balaclava: In the Alura claim a thick surface vein is being prospected.
Reefing steadily progressing.
Whroo, rush and bottom of **Butcher's Gully**, deep ground being prospected, gold got in payable quantities.
Alluvial: **Nuggetty Gully, Scotchman's, Hard Hill** favoured.

4-6-62.

Balaclava: Lewis crushed 100 tons of quartz.
Vein both in old and new workings is improving, some very rich stone is being got.
Kilmore Road, Clark and Doyle's Reef: 22 tons of quartz from a new shaft yielded 15 ozs. 12 dwts.
Fletcher's new reef continues payable.
Butcher's Gully. Rush at foot of gully, on old **Cement Lead**, 1 dwt. per tub from 30' sinking.
Protest against attempted sale of auriferous land.
The whole township is auriferous, 14 auriferous quartz reefs cross it. Many other traceable veins exist. 8 are working within boundary. 10 gullies partially work are within boundary, all having proved auriferous. A protest meeting and a letter published in the paper refer to the same matter.

11-6-62.

Crushings of quartz from various reefs C. Lewis: (20 tons from Balaclava).
Black Reef, thick vein: 17½ tons - 8½ oz.
Malakoff Reef: Gold from surface, vein 8" thick.
Red Hill, main gully: working a vein 4" thick likely to pay on a new line of reef, called "Irving's Red Hill Reef" (now 20' depth).
Albert Reef: Whroo Pumping Co. driving north in their deep shaft.
White Hills: Reefing going on steadily.
Wilson's Gully: Chinamen installing large new puddling machine.

18-6-62.

Harley, Anglade and Co.'s Reef: 42 tons of quartz from a vein 20" thick.
Peep-o'-Day: Trial crushing 1 ton yielded 8 oz. Vein is thin, but rubble vein alongside, 18" thick, will pay.
White Hills: 13 tons of quartz from new reef yielded 26 oz.
Red Hill: New reef, improving, second claim taken up.

23-7-62.

Balaclava: Steady.
Happy-go-Lucky: 6 tons of quartz from an abandoned claim.
Yielded 6 oz. of gold.
" " " 5 tons of quartz yielded 13 oz. of gold.
Malakoff 35 tons of quartz yielded 22 oz. of gold.
Peep-of-day 2 tons of quartz yielded 8½ oz. of gold.
Alluvial slightly brisker.
Committee appointed to oppose sale of auriferous land.

1-8-62.

Balaclava: Some very rich stone.
Happy-go-lucky: 9 tons of quartz yielded 14½ oz. of gold.
All claims payable, some abandoned ones taken up are paying well.
Whroo alluvial mining improving. Rush at Old
Graveyard lead increasing, sinking 26-31', some very hard cement 1-3'
thick is met with.

6-8-62.

Balaclava: 2½ tons from Massino's reef yielded 2 oz. 18 dwts. Vein 6" thick.
Do, from Mary veins: 14½ tons of quartz yielded 4 oz. 15 dwts. of very coarse gold. Pieces 2-3 dwts.
Albert Reef: New vein, payable parallel to Albert Reef, being worked.
Good stone at upper end of Anglo French Reef, Balaclava.
Alluvial: Graveyard rush turns out patchy. Payable cement on Windlass Hill.
Law & Co. sinking a shaft to work their quartz vein, have not yet reached bottom of Alluvial at 45', seems to be an unexpected gutter.

13-8-62.

New reef supposed to be discovered at the foot of Parson's Gully, prospecting claim is applied for. Coarse gold is found in the quarts. Feeling against leasing quarts and alluvial gold together is very strong. Mining population about 250 adult male Europeans.
Alluvial: At lower part of Main Gully sinking is about 28'.

22-8-62.

Carr's Reef, William's claims: 6 tons of quarts yielded 10 $\frac{1}{2}$ oz. of gold, on tribute.
From lower end of Lewis' claim new drive 50' south, besides 91' deeper in Brown's old claim.
Alluvial: Busiest place in Main Gully, below the township, expecting to find the best lead.
At Sailor's Flat some very good gold in shallow ground (6').

21-8-62.

5 tons yielded 8 oz. of gold. A new thick reef has been found crossing the claims on Barrotonia.
Chinaman's Hill: 7 tons from near the surface yielded 9 oz.
Kilmore Road: 10 $\frac{1}{2}$ tons, yielded 24 $\frac{1}{2}$ oz.

2-9-62.

14 tons of quarts yielded 1 oz. per ton (Johnson's Reef).
Mysterious: Very good stone.

10-9-62.

Sunset reef, Parson's Gully: 9 tons of quarts yielded 9 oz. 6 dwts. of gold.
Mysterious: 1 ton 14 dwts. of quarts yielded 12 oz., the best yet got on this line.
Carr's Reef: 9 tons yielded 12 $\frac{1}{2}$ oz.
Mary Reef, Balcalawan: The gold, though very coarse, scarcely yields one third of the weight of the amalgam.

16-9-62.

Good stone from Mysterious and Sunset Reefs.
Alluvial: Cemetery claims payable.

23-9-62.

Cement from Hard Hill yielded 4 $\frac{1}{2}$ dwts. of gold per ton. Harley, Angledge & Co.'s claim: 18 tons yielded 12 dwts. of gold.
Vein 18" thick.
Alluvial payable at foot of Long Gully, Hard Hill, Cemetery Gully, Nuggetty, Sailor's Flat.

23-9-62 (continued)

On Ballarat Flat, below Sellar's slaughter yard, several holes have been bottomed on the deep lead, good lead suspected about 50' deep. 1 application for antimony mining lease.

30-9-62.

In alluvial, at Whroo, prospecting is done with good results at 40-50'. Good lead expected running down to the Flat. Generally, things are slack.

14-10-62.

Very good stone from Albert Reef.

28-10-62.

New dam being built in Main Gully. Albert Reef's $8\frac{1}{2}$ tons of quartz yielded $3\frac{1}{2}$ oz. per ton at 80' depth.

11-10-62.

7 tons from North and South Reef. Balaclava, yielded $9\frac{1}{2}$ oz. of gold, also large amount of Antimony.

2-12-62.

Mining very slack. Alluvial braker. Rush on Fletcher's run, 3 miles from Whroo. Prospecting in the gullies all around should be worthwhile, but is hampered by lack of permanent water.

9-12-62.

Albert Reef Co.'s ground has been idle for more than 1 year.

16-12-62.

Report of a lead being discovered 6 miles from Whroo, sinking 80'. Complaints that no resident warden in Whroo and no surveyor in Rushworth.

23-12-62.

Very quiet in general.

Happy-go-Lucky: Vein thickening.

23-12-62 (continued)

Alluvial: New rush at near Fletcher's slow, mostly not paying wages. Old spreads over large extent, will some time become valuable. Gravel Pits rush almost at stand.

Whroo - Melvor News 1963.

9-1-63.

Stoppage owing to dry weather. Quartz reefing very slack. Balaclava stopped. Alluvial: Good prospects. Prospecting parties struck payable gold at the foot of old lead and 1 mile below old workings on Chinaman's Flat, at 25' sink.

13-1-63.

Old Cemetery Lead, 3 times abandoned, turned out well; ground patchy, but mostly payable in the long run.

20-1-63.

Mining improving. Rain. Cemetery Rush progressing; third bottom found in one claim, rich gutter 6' below supposed bottom, underneath 4' of solid rock; 2 dwts. per tub is being got, gutter not yet bottomed. Several other claims sinking for gutter; ground very hard, depth 40'. Alluvial and puddling resumed.

30-1-63.

1 gold mining lease application by J.T. Lewis, Balaclava Hill. Albert Reef, Jones, Moffatt and Co.'s claims 32 tons of quartz yielded 24 oz. 14 dwts. of smelted gold which realised £3-18-0 per oz. 200 lbs. of new quicksilver put into the machine; on being retorted after all gold was taken out in the usual way it yielded 3 oz. 12 dwts. of gold, or 1/7th of entire yield. Albert Reef Co.'s claim; After 19 months idleness now one man working. Lewis new machinery being fixed at Main Gully. Carr's Reef, Pringle and Co.'s claim improving. New vein 5' thick has come in at 12' depth, bids fair to pay well, worked partly on wages, partly on tribute. Cemetery Rush did not turn out well. Ground very hard, lead narrow, claims filled with foul air. Rootchman's Gully: Small rush, a few doing well.

3-2-63.

Johnson's Reef, Manuel and Co.'s new vein: $2\frac{1}{2}$ tons of quartz yielded 5 oz. of gold per ton. Carr's Reef, Pringle and Co.'s new vein struck the reef at 120' depth. Albert Reef, Whroo Pumping Co. idle for many months. Lewis' application for lease of new ground, in Balaclava Hill, opposition to overwhelming public protest, has been refused by Mining Department in Melbourne. He has now again applied for 17 acres deo.

23-12-62 (continued)

Alluvial: New rush at near Fletcher's slow, mostly not paying wages. Acid spreads over large extent, will some time become valuable. Gravel Pits rush almost at stand.

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Albert Reef Co.'s claim; After 19 months idleness now one man working. Lewis new machinery being fixed at Main Gully.

Garr's Reef, Pringle and Co.'s claim improving. New vein 7" thick has come in at 12' depth, bids fair to pay well, worked partly on wages, partly on tribute.

Cemetery Rush did not turn out well. Ground very hard, lead narrow, claims filled with foul air.

Scotchman's Gully: Small rush, a few doing well.

3-2-63.

Johnson's Reef, Manuel and Co.'s new vein: 2 1/2 tons of quartz yielded 5 oz. of gold per ton.

Garr's Reef, Pringle and Co.'s new vein struck the reef at 120' depth.

Albert Reef, Whroo Pumping Co. idle for many months.

Lewis' application for lease of new ground, in Balaclava Hill, opposition to overwhelming public protest, has been refused by Mining Department

in Melbourne. He has now again applied for 17 acres deo.

11-2-63.

Prospecting Association employs 4 men at bottom of Scotchman's Gully. Locks promising.

In Albert Reef (Jones and Co.'s claim) and Stockyard Reef (Sailer and Bailey) Antimony may be worth skying.

Large blocks, very pure, found in both.

Discussion of leasing quartz and alluvial together in large blocks.

17-2-63.

Balaclava stopped until engine removed.

Reefing generally very slack.

Prosp. Assoc. sunk 15 holes at Scotchman's Gully; not payable enough.

3-3-63.

For 7 years mining matters have not been so dull as now. Lack of water almost stops alluvial mining.

Stockyard Reef, Bailey and Co.: Antimony payable.

Garr's Reef, Pringle, Huggard's new vein payable.

At Band Hills, 4 miles from above, new ground being prospected. Gold found 4 years ago in 80' depth. Most of best gullies empty in that direction. Hoping to trace a deep lead.

17-3-63.

Stockyard Reef, Bailey and Co.: Very pure Antimony at 175' depth. Vein 12-18" thick, thickening as it goes down: 35" length is open; probably running through whole claim and adjoining ones. Quality far superior to that at Costerfield.

Albert Reef, Jones and Co.: New vein found, near to a rich vein worked some years ago. Likely to pay well.

Nugget weighing 6 1/2 ozs. of pure gold supposed to have been got in

Muggetty Gully. Another, 1 1/2 ozs. from Sailer's Flat.

Gravard: Some claims paying well, but ground, patchy.

27-3-63.

Albert Reef, Francis, Jones and Co. : 3 tons of quartz from Antimony Vein yielded 36 oz. 10 dwts. of very pure gold sold for £3-18-9 per oz.

(2 men in 3 weeks, on tribute), obtained from vein 12" thick, at 18' depth.

Main vein in this and adjoining claim has been worked to 250' depth and yielded very rich quartz, stopped by water. Last crushing yielded 5 ozs. per ton.

Stockyard Reef, Sailer's, Bailey and Co. getting excellent antimony.

Reefing generally slack. Balaclava stopped. Mr. Lewis "illegally interfering with alluvial miners rights."

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Locks promising.
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running through whole claim and adjoining ones. Quality far superior to
that at Costerfield.
Albert Reef, Jones and Co.: New vein found, near to a rich vein worked
some years ago. Likely to pay well.
Nugget weighing 6 1/2 oss. of pure gold supposed to have been got in
Margate Gully. Another, 1 1/2 oss. from Sailer's Flat.
Graveyard: Some claims paying well, but ground, patchy.

27-3-63.

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Main vein in this and adjoining claim has been worked to 250' depth and
yielded very rich quartz, stopped by water. Last crushing yielded 5 oss.
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Reefing generally slack. Balaclava stopped. Mr. Lewis "illegally
interfering with alluvial miners rights."

21-4-63 (continued)

Examples: Balaclava, Whroo Pumping Co., Albert Reef Co. (though payable gold
could be found with a small outlay and good management instead of blunders).

28-4-63.

Stockyard Reef. Jones and Rossman working new claim.
Alluvial: Cemetery Gully rush continues. Gold equally distributed, but no
great quantities. Most puddling machines working, generally paying.
Prospecting ceased.

5-5-63.

Happy-as-Lucky, Lloyd and Co. 5 tons of quartz yielded 4 dwts. per ton,
worst result on this line.
Johnson's Reef, Manuel and Co. Very rich quartz from new shaft. Vein
6" thick 5' from surface.
Alluvial more brisk. Kilmore Road: New puddling machine paying.

10-7-63.

No change. Crushings yielded average.
Mr. Lewis, encouraged by his expensive open cutting and crushing, has
started an east-west tunnel.
Alluvial mining centers round graveyard gully, Sailer's Flat, Siberia,
Gravel Pits.
Puddling, once so popular, is left mostly to Chinese.

11-9-63.

Quartz mining slightly increased.
Balaclava: Mr. Lewis, by crushing, recovered a cake of pure gold, 162 oss.
weight.

18-9-63.

1 application for gold mining lease, Whroo.

13-11-63.

Leading article stating that, generally mining leases taken up "under
false pretences", without any mining being done for a certain time, should
be leased again. Balaclava Hill deserted except for Mr. Lewis' driving
a tunnel and laying a tramway.

21-4-63 (continued)

Examples: Balaclava, Whroo Pumping Co., Abert Reef Co. (though payable gold could be found with a small outlay and good management instead of blunders).

28-4-63.

Stockyard Reef. Jones and Rossman working new claim. Alluvial Cemetery Gully rush continues. Gold equally distributed, but no great quantities. Most puddling machines working, generally paying. Prospecting ceased.

5-5-63.

Happy-as-Lucky, Lloyd and Co. 5 tons of quartz yielded 4 dwts. per ton, worst result on this line.
Johnson's Reef, Manuel and Co. Very rich quartz from new shaft. Vein 6" thick 5' from surface.
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11-9-63.

Quartz mining slightly increased. Balaclava: Mr. Lewis, by crushing, recovered a cake of pure gold, 152 oss. weight.

18-9-63.

1 application for gold mining lease, Whroo.

13-11-63.

Leading article stating that, generally mining leases taken up "under false pretences", without any mining being done for a certain time, should be leased again. Balaclava Hill deserted except for Mr. Lewis' driving a tunnel and laying a tramway.

30-3-63.

Letter from J.T. Lewis denying allegations. Francis, Jones and Co.'s claim: 2½ tons of quartz yielded 4 oss. 4 dwts. of gold, excellent stone from antimony vein. Stockyard Reef continues as before. Sand Hills. Prospectors met with quicksilver. Gravel Pits. Good prospecting field, surface to 9'. Again accusing J.T. Lewis of illegal actions ("might makes right"), trying to drive away all alluvial miners by flooding the ground. If the watershed of about 100 acres is granted on his terms, it will be impossible for ordinary miners to work any of the ground, 9/10 of it being among the best on this goldfield for alluvial sinking. Appeal to miners to oppose this "gigantic monopoly".

7-4-63.

Stockyard Reef, Sellar's and Timm's new claims 5 tons of quartz from antimony vein yielded 2½ oss. of gold. Antimony improves in depth. Vein 10" thick, depth 30'. Albert Reef, Jones, Moffitt and Co.'s claim: Rich quartz from 80' depth, known to be payable to 250' depth. Contains large blocks of very pure antimony. Cemetery Gully. Rush in 10' sinking, payable gold, not bottomed. Payable gold got by puddling on Sailor's Flat (at foot of Nuggetty Gully). Long Gully. Nugget weighing 7 oss. 8 dwts. was got in old ground at the bottom. Sand Hills. Prospectors on firmer drift, can sink faster, at 63' depth, water rises 10' in one night. Ground appears favourable. Alluvial brisker.

14-4-63.

White Hills. Average 6 dwts. per ton. Will be let on tribute. Balaclava Hill. Lewis started crushing again. 20 men employed. Payable gold in shallow ground at Cemetery Gully, bottom of Nuggetty Gully, and at Gravel Pits. Sand Hills. Prospectors bottomed at 78'. Sandhurst. Sandstone and pipeclay without gold.

21-4-63.

Lewis' machinery will crush 400 tons per week when in full work. Albert Reef, lower end: Renison's claim yields promising quartz. Stockyard Reef, new Jones and Sellar's claim. Antimony on this line appears purest yet discovered in Victoria. Cemetery Gully, upper end. Rush continues, 30 miners mostly making wages. Gold is got for ½ mile, an outside gold containing gutter is just bottomed. Kilmore road, old diggings: Puddling machine started work. Balaclava Hill. Quoting and doubting "Melvor Times" statement about Lewis' gold yields in the years 1859, 60, 61, 62.
1859 (7) £1,483
1862 £5,619
Melvor News correspondent claims that most gold got during last 3 years has been obtained from 15000 tons of rubbish got previous to 1859, but crushed mainly in 1862 whilst the reef itself has been mostly idle. Lewis withholds yields of years between 1855 and 1859 which must have been very large. (Reef discovered in 1854). Companies gave fared very badly in the district.

30-3-63.

Letter from J.T. Lewis denying allegations.

Francis, Jones and Co.'s claim: 2½ tons of quartz yielded 4 oz. 4 dwts. of gold, excellent stone from antimony vein.

Stockyard Reef continues as before.

Sand Hills. Prospectors met with quicksilver.

Gravel Pits. Good prospecting field, surface to 9'.

Again accusing J.T. Lewis of illegal actions ("might makes right"), trying to drive away all alluvial miners by flooding the ground. If the watershed of about 100 acres is granted on his terms, it will be impossible for ordinary miners to work any of the ground, 9/10 of it being among the best on this goldfield for alluvial sinking. Appeal to miners to oppose this "gigantic monopoly".

7-4-63.

Stockyard Reef, Sellar's and Timm's new claims

5 tons of quartz from antimony vein yielded 2½ oss. of gold.

Antimony improves in depth. Vein 10" thick, depth 30'.

Albert Reef, Jones, Moffitt and Co.'s claim: Rich quartz from 80' depth, known to be payable to 250' depth. Contains large blocks of very pure antimony.

Cemetery Gully. Rush in 10' sinking, payable gold, not bottomed.

Payable gold got by puddling on Sailor's Flat (at foot of Nuggetty Gully).

Long Gully. Nugget weighing 7 oz. 8 dwts. was got in old ground at the bottom.

Sand Hills. Prospectors on firmer drift, can sink faster, at 63' depth, water rises 10' in one night. Ground appears favourable.

Alluvial brisker.

14-4-63.

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Companies gave fared very badly in the district.

Holvor News 1864. (Whroo).

1-1-64.

Johnston's Reef: 9 tons of quartz yielded 21 oz. 6 dwts. of gold.
Carr's Reef: Good stone being raised from a vein 3' thick, 80' deep.
Lewis' tunnel now 140'.

8-1-64.

Only puddling is brisk, mining otherwise very dull.

26-1-64.

Carr's Reef: 16 tons of quartz yielded 2 oz. per ton.
8 tons of quartz yielded $3\frac{1}{2}$ oz. per ton.
Stockyard Reef: 4 tons of very pure antimony raised.

19-2-64.

3 tons of quartz from Peep-of-Day Reef yielded 10 $\frac{1}{2}$ ozs. of gold.
Mining very quiet, but "the whole township is auriferous".

11-3-64.

Mining very dull. Stockyard Reef yields payable antimony.
Mr. Lewis' tunnel, on Balaclava Hill, almost finished, proves most unprofitable.

29-3-64.

Carr's Reef: 40 tons yielded 42 oz. pays well. Very good stone in adjoining claim.

22-4-64.

Stockyard Reef: 5 tons of very pure antimony + $1\frac{1}{2}$ oz. of gold per ton from 13 tons of quartz and antimony chippings.
Siberia: Rush, making good wages.

20-5-64.

Carr's Reef: 28 tons yielded $\frac{1}{2}$ oz. per ton, paying well.
Happy & Lucky: Very good stone.
Johnson's Line improving, vein thickening.
Albert Reef Co.'s ground, $7\frac{1}{2}$ acres, leased 3 years ago but not worked, was declared forfeited. Taken up in 2 claims.

31-5-64.

Mining dull. Old Albert Reef Company's ground:
Two veins are being followed, containing gold which appears payable.

14-6-64.

Mining dull. Old Albert Reef Co.'s ground looks very promising. The vein which for a few feet was broken into several thin ones is uniting and contains a good quantity of gold; shaft 160' deep.
Carr's Reef: A vein 3' thick, looks well.

1-7-64.

Carr's Reef: 20 tons yielded 1 oz. per ton, pays well.
Balaclava Hills: Some very good stone.
Alluvials: Small rush in Main Gully.

15-7-64.

Continued activity on same scale. New dam being built at Nuggetty Gully (for crushing plant).

29-7-64.

Old Albert Reef Co.'s ground: Some good specimens picked up.

5-8-64.

Old Albert Reef Co.'s ground: Very good stone from 190' depth.
Gold is the coarsest in district.
Balaclava Hills: Very good stone being crushed, increase of men employed.
Payable gold is got by Chinese Puddling.

23-8-64.

Johnson's Reef: 8 tons of quartz yielded 19½ oz. of gold, 1 oz. 17 dwts. of which was got on retorting the silver.
Puddlers generally making good wages.

6-9-64.

Mysterious Reef: New auriferous vein discovered.
Alluvial: Some very nice gold on Windlass Flat.
Mining generally dull.

13-9-64.

Most important rush for years: 10 miles from Whroo, on Mr. Cameron's run, 3 miles from Goulburn River.

20-9-64.

Rush proved disappointing. Of more than 20 holes only one proved payable.

8-10-64.

Completion of quartz crushing machinery in Nuggetty Gully. Former Albert Reef Co.'s claim, now "Prince of Wales Claim", yields good stone. 2 tons of quartz from Coy's new reef on Cameron's run yielded 1 oz. 3 dwts. of gold per ton, 10 oss. of gold taken out as specimens. This part of the reef is now scattered and underlies very much. Carr's line: New vein of quartz discovered likely to pay well. New rush: 10 claims are paying.

8-11-64.

Prince of Wales Claim: New vein being worked; some very rich specimens, 2½ oss. of gold being got from 5 lbs. of quartz. Johnson Reef: New claim opened. Puddling of cement tailings pays well.

26-11-64.

Prince of Wales Claim: A specimen from the new vein, weighing 3½ oss, contains 1½ oss. of gold. New claim on Johnson's Reef, now called Lloyd's Line, improving. Carr's Line: New vein yields payable stone.

6-12-64.

Johnson's Line: New vein on Manuel's claim. Nuggetty Gully: During construction of a new dam, auriferous reef (Albert?) discovered. New reef found at new rush on Cameron's run, prospecting claim taken up, looking well.

31-12-64.

5 tons from reef as before yielded 10 oss. 11 dwt., pays well; reef is about 2' thick. 3 claims taken up on this line, another auriferous reef has been found. Carr's Reef: 9½ tons of quartz yielded 2 cs. per ton, payable.

Malvor Times 1865.

6-1-65.

Gold price £3-19-3 per oz.

Leading article: Coster and Herd applied for a lease of 40 acres near Red Hill. Viewed with misgivings by puddlers and miners in that part. Area is out of proportion to capital to be invested; may be regarded as security for investors. Most independent miners are so badly off that they would rather work for modest, but severe wages.

The Malvor Hydraulic Co. is about to construct a water race for sluicing which can be carried on by small parties of 6 or 8 without capital, as efficiently as by a wealthy company. With sufficient water supply at the 40 acres applied for at Red Hill could furnish profitable employment for 3 times as many as under the proposed application. For sluicing no monopoly of large blocks should be permitted.

13-1-65.

Banffshire Reef (new) : 10 tons of stone yielded 1 oz. 5 dwts. per ton. Christening of "Willan's Here and Co's Never Mind" Reef in Argyle Gully.

20-1-65.

Banffshire Reef looking better than ever.

Argyle Gully: Great activity in and near Willans and Co's reef. Reef struck by 2 parties.

Albert Reef, at head of Golden Gully, may be called a new one having only been "fossicked" previously. Has reputation to be one of the best in district. Splendid specimens and loose gold washed out of a tin dish, gold weighing 1-2 ozs. Nos. 1 north and south claims are taken up.

Costerfield Mine.

New mining company (most important in the district) being formed: Costerfield Gold and Antimony Mining Co. by amalgamating Coster, Field and Co. with the holders of the claims north and south. Prospectus underrated value of mine. Shares £50000 paid up capital £40,000, present owners taking up half the shares.

Minerva Co. struck the reef, yielding splendid specimens of quartz.

Holds a lease of ground comprised in claims No. 3 and 4 south, 350 yards from Costerfield Co's shaft, thus proving continuation of reef.

27-1-65.

Willans, Herd and Co's reef obtained a splendid parcel of stone.

Banffshire Reef. Shaft struck a little leader, equal parts of quartz and gold. Pieces of gold from this vein like flat nuggets, some weighing $\frac{1}{2}$ oz. of pure gold. From a piece of slate and quartz vein, hand size, 3 or 4 ozs. were obtained.

Albert Reef: Prominent place among payable reefs.

Alabarna Co. Improvements in methods of working the late Caledonia Co's ground.

Costerfield.

Minerva Co's claim looking first-rate.

Costerfield Co. Shares being sold rapidly.

3-2-65.

Albert Reef. Crushing yielded over 1 oz. per ton.

Willan and Co's Reef: yielded 125 ozs. in a week.

- 2 -

10-2-65.

Government Escort from Rushworth discontinued.

Alluvial. 3rd "Independents" have out a tail race into the middle of the Old Creek lead, in McCarey's paddock, opening out a face 150' long after hauling off 10' of top stuff. Sluicing the washdirt with Caledonia water. Obtained a piece weighing 5 oz. and small gold.

17-2-65.

Costerfield, Upper and Lower: Improving daily in value and new deposits uncovered.

Minerva Co. struck a reef much thicker and richer than the one reported a fortnight since. Supposed to be the main reef. Discovery advances value of mining property at Costerfield 5%.

Morriss and Co. : Looking well.

Argyle Co. commenced operations. 3 years ago reef was christened "Walker's Reef" and yielded rich stone specimens, considered and wonder even in Victoria.

Willans and Co. start crushing another lot.

Barffshire Reef should not be called "reef", but resembles Balaclava Hill, Whroo. It is full of veins of auriferous quartz, some very rich; but the whole ground would pay well for crushing. Some leaders or veins studded with coarse gold. Where small veins run out, gold visible thick in joints of sandstone.

Albert Co. to commence second crushing, more than double wages expected.

Alabama Co. soon ready to raise stone from old Caledonia Co's Mine.

24-2-65.

Mining Statistics quoted from the "Argus".

Heathcote had a higher average than most goldfields, old and new: 1511 tons yielded average of 2 oz. 7 dwt. 8 gr. per ton.

Caledonia Gully again becoming very lively. Alabama Co. crushing constantly for tributors.

Argyle Co. have drained the ground and are securing water-damaged portions.

Barffshire Reef looking better than ever.

Albert Co. Crushing scarcely sustained former character.

Lower Costerfield: MacDougall's claim expected to be paying.

Upper Costerfield: Brilliant prospects. Minerva Co's new reef looking splendid, ground very hard.

3-3-65.

(Ad.) Costerfield gold and Antimony Mining Co. registered. Nominal capital £30,000. Paid-up capital : £20,000.

10-3-65.

Leading article urging measures for ample water supply. Lack of water seriously retards, if not stops, mining operations.

- 3 -

28-2-65.

Wild Duck Creek: Permanent miners' village of Quackton, 9 miles from Rodney. Population daily increasing. Mainly alluvial mining, favourite spots being made hills, deep and shallow sinkings. Gold also in most gullies around, deserted owing to lack of water. Gold struck on Hard Hill, 15' deep. One hole bottomed at 18', 2½ dwts. taken from bottom, incl. a 1 dwt. piece.

9-3-65.

These diggings seem to consist of narrow auriferous belt, one extremely being the Hard Hill in the direction of McIvor, the other the shallow Clark's Gully (2 miles distant from each other). At Clark's Gully coarse gold has been found, incl. a 5 oz. nugget. 3' of washdirt averaged 5 dwts. per load. From 5 and 6' depth: 14 and 15 dwts. per load. Patterson's Gully widening gradually; the next, Tea Tree Gully, turned out a load with 33 dwts.

17-3-65.

McIvor Hydraulic and Gold Mining Co. registered.
Prospectus: Capital £10,000 in 1000 shares. Purpose: Conservation of head waters of Sandy, McIvor, Wild Duck Creeks, and conveying of same, by means of a race, through the known auriferous country from Tooberac to Heathcote, at an elevation sufficient to command the whole McIvor goldfield. Race to be capable of conveying 6 million gallons per day (equal to 60 sluice-heads), to commence at base of Sugar Leaf Mountain. For the present 7 miles to be constructed, incl. 5 miles through proved highly auriferous ground. Licence for 15 years water right applied for. Water race will command 90 square miles of surfacing and moderate deep auriferous ground which, owing to lack of water, had to be abandoned. In washing the surface, rich reefs and heavy gold will be discovered, and water sold to puddlers etc. Subsidy from Government may be obtained for supplying water for domestic and sanitary purposes. Sites for flour, quartz, saw mills have been selected along the line.
Alabama Mining Co. Caledonia Gully, application for registration. Nominal capital £30,000, in shares of £1 each. Paid up: £22,500.

22-3-65.

Wild Duck Creek. Hard Hill. Nearly whole population sinking or "shepherding". Many payable claims in full work, many others have bottomed with encouraging prospects. From one claim 3 loads washed averaged 1 oz. per load, good thicknesses of washdirt. Lead appears narrow, but extending in length. Depth 24', very good driving. Continuation of Racedown lead would probably have not been discovered if a new arrival had not gone down and struck the gold. Present large areas taken up by self-styled prospectors often repel instead of induce others to sink.

24-3-65.

Alabama Co.: Prospects highly encouraging. Crushing result: Over 1 oz. per ton. A splendid run of gold struck 4 or 5' from where the old company left off.
Costerfield: Minerva Co. opening up large ground.

31-3-65.

Minerva Co. having struck the main reef and being the only one in Upper Costerfield (except Coster, Field and Co.) which has worked energetically (practically all others having been windlers) should be given a share of the unworked, leased ground which ought to be thrown open to public. Application to register the Redcastle and Dargile Mining Co. Nominal capital £6,000, paid-up £524.

21-4-65.

Costerfield Mines improving. One of busiest spots in district. Companies seem to do well, but no particulars available since most companies crush their own stuff and deliver the yields to their resp. bankers. Argyle Gully. Trial crushing disappoints.

19-4-65.

Rather encouraging prospects from a ground 500 yards W. of Harley's old store.
Wild Duck Creek. Busy. Population increasing. Lack of water.

5-5-65.

Banffshire Reef looking well.

19-5-65.

Wild Duck. Population decreasing.
Stoney Plains. Rush between old diggings and the Campaspe. 5 dwts. per load, good thickness of washdirt.
Banffshire Reef. Lot of quartz crushed turned out 2 oss. per ton. The old "Bonventura", now Fredericksbury, taken up. Very good prospects close to old shaft.
Butler's Reef Co. crushed a few dwts. of quartz turning out 3-4 oss. per ton. Complement 24 men.
Old Scandinavian Reef being worked again.

2-6-65.

Costerfield. Minerva Co. struck very rich stone, presumably richer than anything found before in this locality. New mining company, capital £10,000, to be formed to work the extensive flat on each side of the Creek. Lease applied by Mr. Hartrick.

9-6-65.

First rush to the Creek flats in middle of May, 1853 when 500-600 shafts were started. But water was too strong for buckets and windlass, and all parties left, finding remunerative work in Golden, Possum, Long, Sailor's and German Gullies, with dry, shallow sinking. Another attempt in 1855 when a paddock was bottomed and an elevator-hard-pump was used, failed. All Melvor leas must run into Mr. Hartrick's new claim. "WHAT" "ATTORNEY" Gold Mining Co.

- 3 -

16-6-65.

Knowsley Goldfield : Prospecting shaft down 90', not yet bottomed.
Long Gully Co. soon ready to drain the reef.
Costerfield Gold and Antimony Co. Prospects highly encouraging. Mine improving, gold getting coarser going down. Dividend of 7/6 per share. Local holders will not sell at any price.
Water Supply. £40,000 Government grant approved for Melvor Goldfields water supply.
Gold mining lease applied for Red Hill : "Gold Gully crushing and Sluicing Co."

23-6-65.

Costerfield: "Cambrian Gold and Antimony Mining Co".
Lease applied for. (Jones, Creelman and Co.).

30-6-65.

Melvor Alluvial Gold Mining Co. ground has been surveyed, company to be formed immediately.
Apolles Gold Mining Co. Application made by Hay and Co. for lease of block of ground on basalt plains on the banks of the Campaspe. Have found deep ground, with a fine auriferous drift of considerable thickness. Shaft has not been bottomed owing to water. Location halfway between junction of Coliban and Wild Duck Creek, ground covered with basalt for 60', beneath which a very wet drift is encountered.
Red Hill Co.'s shares all allotted. Operations to start soon.

7-7-65.

Red Hill Gold Mining Co. Meeting of Shareholders, appointment of 7 Directors.
Notices of applications for gold mining leases:
Partelup Mining Co. near Wild Duck, adjoining Speed's paddock.
Bellevee Gold Mining Co. Campaspe River, 1½ miles from its junction with the Coliban.
Westonfield Gold Mining Co. Campaspe River, 1½ miles from its junction with the Coliban. 2 miles from junction.
Trafalgar Gold Mining Co. 1 mile from junction.

14-7-65.

Wild Duck Creek. Notice of gold mining lease application.

21-7-65.

Red Hill Co. getting good stone. Prospects highly encouraging.
Alabama Co. in sinking new shaft have struck first-rate stone, down 16' from starting point below. Quality improves with depth.
Melvor Hydraulic and Gold Mining Co. obtained lease.
Costerfield Co. getting good stone.

21-7-65. continued.

Wild Duck Creek. Next to nothing for last 5 or 6 weeks. Prospect of a payable lead found on American Hill. Appears to form a half circle leading from where the Chinamen's claim is. 25 holes sunk, 8 are expected to give good wages. Many holes being logged up. Sinking 10-16', through cement, mostly very hard. Extent $\frac{1}{2}$ mile. Prospectus of Red Hill Gold Mining Co. (Capital £5,000 nominal).

28-7-65.

Red Hill Co. The reef lately discovered looks well. Said to be superior to anything found in the locality.
New Rush on flat near Victoria Hotel. Fair prospects have been obtained.
Alabama Co. 50 tons of quartz yielded 63 oss. 10 dwts. Some splendid stone out. Prospects highly encouraging.

4-8-65.

Oriental Bank Gold Reports: Heathcote Gold price £3-15 to £4 per oz., Wild Duck do. £4. - Quartz gold is very scarce. Alluvial yield good considering the want of water. Complaint that Wild Duke storekeepers convey gold to Sandhurst, thus causing false impression of district gold returns.

11-8-65.

Alabama Co. Shareholder's first general meeting on 4-8 was highly gratifying. Since March 17th, 610 tons of quartz yielded 576 oss. 19 dwts. of gold, one day's yield was 69 oss. 10 dwts. Reef looking better with increasing depth, prospects highly encouraging.
Minerva Mining Co., Casterfield. Application for registration. Capital (nominal and paid up) £6000.
Red Hill Gold Mining Co., do. - Nominal capital \$5000, paid up £622.

18-8-65.

Argyle Gully. Notice of application for gold mining lease: Jude, Willans, Hird. Capital £4000. Quartz mining and machinery.

25-8-65.

New mining companies hold out unprecedented promises.
Red Hill Co. Shares risen. No sellers. First crushing yielded from 20 tons of stone 65 $\frac{1}{2}$ oss. of gold. Stone looking 100% better than previously.
Holvor Alluvial Gold Mining Co. commenced work. All shares taken up. Best portion of this goldfield has probably yet to be worked. Golden Gully's and Commissioner's Flat's leads most probably run into the Company's ground. Gold expected to be traced down into the deep ground known to exist below.
Alabama Co. (old Caledonia), looking well. Improves with sinking, prospects highly flattering. Paying well.
Long Gully: Carter and Rigby are unwatering the mine. Then 50 or 60 oss. per fortnight anticipated.
Argyle Reef: Willans, Hird and Co. will erect machinery.
Pactolus Co. is down 100'. No bottom yet, but passed through different strata, reminding of the deep sinkings further west where some of the heaviest gold deposits in Victoria have been found.

25-8-65. (continued).

Apelles Co., Campaspe River: Down 100' from top of basalt. Not bottomed yet. Present shaft is apparently in deeper ground than the old one in which they obtained highly encouraging prospects. Wild Duck rush still turning out well. Costerfield mines: Steady and satisfactory returns.

1-9-65.

6 notices of application for gold mining leases:
Ben Fall Mining Co., Cement Hill, German Gully, 25 acres.
Vertis Gold Mining Co., east bank of Campaspe River, No. 1 north of Apelles Co. 30 acres. Tunnelling under basaltic - wet heavy drift underneath.
Apprentice Gold Mining Co., do., adjoining Apelles Co. 30 acres. Sinking through basalt, heavy wet drift underneath.
Atking and others, Campaspe River, No. 1 north of Hay and Co's. 30 acres.
Enterprise Mining Co., Campaspe River, east side of bank. 2nd. claim north from Apelles Co. Upper strata supposed to be 50' of basaltic formation with heavy drift of water below.
Trafalgar Gold Mining Co., Campaspe River, between Apelles and Westonfield Cos. £3000 capital.

8-9-65.

Costerfield: Minerva Co. calls in extraordinary meeting to increase capital from £6000, to £12,000.
4 notices of application for gold mining leases, incl.
Mount Ida Gold Mining Co. 1/2 mile above junction of Campaspe and Coliban Rivers, east side of former. 100 acres. £5000.

15-9-65.

Mining prospects weekly more encouraging.
Alabama Co. (old Caledonia) now one the best, of not the best, mine in district. Old Caledonia Mine was auctioneered for 1/2 of value of machinery alone. Efficient and economical working produced results. Paying handsomely, in further sinking the shaft, the reef is looking better than ever.
Melvor Flat, idle so long, now in hands of Melvor Alluvial Gold Mining Co. promises to turn out riches far in excess of expectations. Several shafts sunk, gold having been found payable in all of them except one.
Red Hill Co. getting splendid stone.
Butler's Reef promises large dividends. Last crushing produced from 5 to 6 oss. per ton.
Long Gully Co. pumps constantly at work. When unwatered, gold yield is certain, as former holders were driven away by water from 3-4 oss. per ton.
Red Hill. Winter and Co's claim, on N.W. slope, turning out well.
Surfess Hill: Crushing by O'Keare and Farley.
Campaspe River: Recent discovery of a lead of gold under the basalt promises to be important. Most flattering prospects from two shafts of the Apelles Co. Sinking, with a view to find deeper ground.
Melvor Hydraulic Co. commenced their race.

22-9-65.

Red Hill: New reef discovered on N.W. slope of Red Hill, adjoining Winter and Co's claim. Stone very promising.

22-9-65 (continued).

Alabama Co. obtained 123 oss. of gold from a fortnight's crushing.
Costerfield Co's mine. Yield steady, highly remunerative, average 50 oss. per week. Dividends 10s. per share.
Red Hill Co. 30 tons of stone yielded 2½ oss. per ton.
Hauffshire Reef. Robertson and Horne's claim. 'Possum Gully getting good stone. Splendid specimens of auriferous quartz and slate. In crevices of slate, where there is no quartz, gold is found in quantities.
Campaspe River: Apelles Co. trying for deepest ground to erect pumping machinery. Ground dips from 2nd. shaft considerably, good prospect in the drift alongside the reef. Westonfield Co. not bottomed yet.
Retarded by loose drift.
Native Alluvial Mining Co. bottomed another trial shaft, obtained payable prospects.

29-9-65.

Butler's Reef: 15 tons of stone turned out 8 oss. per ton. Cake weighing 120 oss.

6-10-65.

Costerfield Gold and Antimony Mining Co. Quarterly meeting. (27-9), highly satisfactory report. During 14 weeks ending August 26th., 764 tons of stone crushed yielded 649 oz. 13 dwts. 9 grs. (average 17 dwts. per ton). Antimony raised during same period 58 tons. Mine never looked better. One of the faces of stone 10' wide, with a bright perpendicular streak of gold down the centre and gold visible on both sides all the way across. New battery bought. Main shaft, now 180' deep, to be sunk a further 50 or 100'. Other reefs are believed to exist in the claim running parallel to the main reef. To determine them, cross drives are planned towards east and west.
Red Hill. Quartz mining in the neighbourhood very flourishing. Winter and Co. crushed 18 tons of quartz which gave them a cake weighing 88 oss. 3 dwts. 15 grs. sold for £4-0-3 per oz.
Red Hill Co. crushed 18 tons, yielding 42 oss. 8 dwts. New reef struck in north shaft, running nearly parallel with the one in work, looking splendid, gold much coarser than in the other. Dividend 10s. per share, double the amount paid up.
Piggott and Co. struck gold, took out 10 oss. in nuggets, one piece of solid gold weighing 7 oss.
Smith and Co's claim looking like 50 oss. per ton. Enormous cake expected from crushing.
Alabama Co. crushed from 40 tons of stone 109 oss. of gold. Previous crushing: 57 tons - 123 oss. Taken out rough, with mullock. Bottom looking better than ever; in driving in No.5 level they struck a new run of gold, stone looking better than anything crushed so far in this mine, holding out double promises of good returns.
Riley's Reef, Swede's Gully. Trial crushing: 5 oss. per ton.
Campaspe River, Westonfield Co. bottomed their first shaft.
Sinking again for deep ground.
Wild Duck. Owen, Lowe and Co. getting payable stone on nearly basalt plains.
1 notice of application for gold mining lease at Long Gully.

13-10-65

Discoveries of rich quartz reefs near Red Hill and Golden Gully lead to many mining disputes.

Crushings : Butler : 12 tons for 60 oss.

Horn & Robertson : 8 tons for 14½ oss.

Jos. Smith obtained 50 oss. from a small lot of stone, excl. 50 or 200 oss. taken out by hand.

20-10-65.

Rielly and Purcell sold a cake of amalgamated gold weighing 34 oss. 11 dwts. 12 grs., proceeds of 4 tons of quartz.

Winter and Piggott: 10 tons from surface leaders on Red Hill yielded 10 oss. 17 dwts. 18 grs.

Smith and Cos 8 tons yielded 52 oss. 5 dwts. 6 grs.

Alluvial keeping up well considering scarcity of water.

Mining prospects generally good.

Costerfield Co's. works, in perfect order, incl. new battery.

↑ notice of application for gold mining lease, Molvor Flat.

27-10-65.

Puddling has almost ceased owing to lack of water.

Costerfield Co.: In fortnight ending Oct. 21st. 121 tons of stone yielded 121 oss. 5 dwts. of gold and 20 tons of antimony.

Red Hill Co. : 20 tons yielded 49 oss. 2 dwts. 12 grs.

Smith & Moore: 21 tons of mullock and quartz leaders yielded 23 oss. 6 grs.

Winter & Piggot : 10 tons - 5 oss. 3 dwts. 18 grs. (Red Hill).

Butler's Reef Co. 15 tons of stone yielded a cake weighing 46 oss.

Minerva Co., Costerfield : A cake of 16 oss. of gold.

Gold Gully, Dale and Co. claim, No. 1 north of Smith and Co., struck gold. Prospect most flattering.

3-11-65.

Alabama Co. 49 tons of stone yielded 108 os. 16 dwts. of gold.

Large portion of stone from north of engine shaft. Sunk 47' from No. 6 Flat, reef looking as well on the bottom as ever in any part of the mine.

Whole ground between Golden Gully and Surface Hill has been taken up, in some claims splendid prospects obtained. Splendid specimens from Brown Dale and Co's claim.

Red Hill - looking very lively. Company getting good stone at lower level. Many are employed near Red Hill and Golden Gully. Value of claims considerably advanced since recent discoveries in Brown, and Dale & Co's claim.

10-11-65.

Gold price £3.15 to £4 per os. - Wild Ducks £4 per os.

Gold reports: From Hirby and Co., Scandinavian Reef: 58 oss. O'Reilly and Burrell: 18 oss. 17 dwts. Brown, Lease and Co. obtained from 15 oss. 16 dwts. (crushed by hand) of quartz 5 oss. 18 dwts. 8 grs. of gold.

Brown, Lease and Co., No. 1 north on Smith's Reef, Golden Gully near Red Hill, have taken out some of the richest specimen of gold (the weight of quartz is at least 4 times less than that of the gold yet seen).

10-11-65. (continued)

A lot weighing 53 oss. would yield, if crushed, about 40 oss. of gold. The specimens are lumps of gold with quartz rubble ranging to them. No defined reef yet in the claim, merely loaders.

Red Hill Gold Mining Co. Reef looking very well, good average thickness. Coarse gold visible in almost every stone picked up.

Kirby and Co., Scandinavian Reef: Claim looking better than ever. Proprietors say, if they would pick the good stone, one ton would yield 200 oss. Sinking of shaft in Alabama Co's claim has entirely drained this reef.

Reilly and Burrell expect crushing result of nearly 1 oz. per ton from mullock.

Winter and Piggott: Trial crushing of ironstone and mullock mixed, not satisfactory.

Butler's Reef Co. getting out splendid stone.

Alabama Co. Stone looking better than ever. Every week fresh evidence of immense wealth.

Holvor Alluvial Gold Mining Co. purchased engine.

17-11-65.

Redcastle, Hit-or-Miss claim - was jumped after the late dispute by Clarke and Cobbletick. Claim was declared forfeited, valued at £601, money not forthcoming. Hit or Miss Co., as original holders, took possession and let the mine on tribute. Some of best mines almost unproductive for lack of management. This claim has yielded from 162 tons crushed 2 oss. 11 dwts. 6 grs. From 12 tons the company obtained 255 oss. 18 dwts. With efficient management, the mine could prove a second Alabama.

Holvor Alluvial Gold Mining Co's engine will shortly arrive.

Ben Fall, Cement Hill Gold Mining Co. Prospectus.

Capital \$5000. Land includes 12 acres. Cement Hill is next to Red Hill, separated by Golden Gully. Formerly the Cement Hill yielded 4 - 23 dwts. per ton of cement. It is proposed to erect machinery and put the whole surface, incl. 1/2 of gravel and 1/2 of cement, through, and to drive a tunnel through the hill to prospect for a reef.

24-11-65.

Gold reports: I. Clarke: From 2 tons: 82 oss. 2 dwts. - Red Hill Co: 70 oss. 7 dwts. 12 grs. - Costerfield Co.: 95 oss. 3 dwts. J. Smith & Co.: 44 oss. 19 dwts. 12 grs. - Butler's Reef Co. From 40 tons a cask of 93 oss.

Golden Gully. Good mining prospects near Smith and Co's claim.

Brown and Lease, No. 1 Golden Gully, still getting splendid finds (8 oss. in specimens). Sample will be exhibited in Melbourne - crushed 8 tons producing 56 oss. of gold.

Winter and Piggott. In one claim very good prospect.

Red Hill Co. plans to use water on Victoria Flat.

Mine looks well, holds out very good prospects.

Yield of gold in district is increasing, in spite of dry weather.

- 11 -

1-12-65.

Gold reports: Brown and Lease 12 oz. 6 dwts. 18 grs.
O'Reilly and
Burrell 17 6 6
J. Clarke 36 11 12
Red Hill Co. 70 7 12
Costerfield Co. 95 3 -

McIvor Alluvial Gold Mining Co. Machinery has arrived.

Heathcote Argyle Gold Mining Co. commenced crushing with new machinery, in perfect order. Reef has been proved for a long distance. In 8 months, 726 tons of quartz yielded 2327 oss. 1 dwt. 12 grs. of gold. Highest yield was from 1 ton, 237 oss., lowest from 35 tons: 52 oss., except trial crushings of mullock which turned out 3 oss. 8 dwts. from 20 tons. 80 tons of stone crushed for Hird and Willans from this stone turned out 896 oss., excl. 14 lbs. of specimens containing at least 75% of gold.

Ben Fall Co. commenced operations on Cement Hill.

Red Hill neighbourhood looking well.

Winter and Piggot getting splendid stone in claim No. 1 north of Red Hill Co's ground.

8-12-65.

Gold Reports: Heathcote Argyle Co. A cake of 76 oss.
Butler's Reef - 29 oss.
Costerfield Co. - 106½ oss.
Kirby & Reynolds 57 oss. 3 dwts. 15 grs.
Yield from Wild Duck slightly increased.

15/12/65.

Costerfield Co. crushed in a fortnight 70 tons of stone yielding 106 oss. 10 dwts. of gold. New battery and winding machinery started. Dividend 5s. per share. Main shaft, 190' deep, to be sunk 60' deeper.

Westonfield Co. Campaign, beaten by water, temporarily suspended.

Apelles Co. Very promising. Lease of 100 acres. Shares offered for extension and development.

22-12-65.

Gold Reports: Costerfield Co. 94 oss. 15 dwts.
Butler's Reef Co. 51 "
" " " 2 cakes 65 6 12 grs.
Bock & Co's claim 84 10 (splendid cake)
Wild Duck Alluvial 44 4
Smith & Co. from 38 72 (5 oss. of loose gold from
tons one dish of stuff).
Winterand Co. " 8 tons : 33

Yield of alluvial gold very good inspite of lack of water. Puddling ceased.

Costerfield Co. 200 oss. in a fortnight.

Alabama Co. still increasing in importance. 60 tons of stone yielded 100 oss. 6 dwts. 21 grs.

29-1-265.

Long Gully. New reef discovered by O'Rourke and Co., trial crushing, incl. mullock, of 4 tons turned out 2 oss. 3 dwts. 18 grs.
Costerfield Co. During 8 days 128 tons crushed yielded 94 oss. 15 dwts. of gold and 30 tons of antimony ore. Quarterly meeting 20-12. Continued increasing prosperity. During 12 weeks 690 tons of stone crushed yielded 691 oss. 18 dwts. (average of 18 dwts. 7 grs. per ton), plus 105 tons antimony ore. Dividend 5s. per share, monthly in future. Main shaft now 180' deep, to be sunk 60' further down.
Gold reports: Red Hill Co. 38 oss.
H. Moore and Co. 73 oss. 8 dwts.
Alluvial gold from Wild Duck 44 oss. 1 dwt.

News

McIvor news 1866, January - June.

26-1-66.

Mining matters favourable.
Caledonia Gully shows unmistakable appearance of prosperity. Italians struck payable reef, on same low as Butler's Reef.
Alabama Co. Prospects cheerful. Stone produced proves that company whose right locality for development.
Butler's Reef is active operation. Satisfactory results.
Kirby's Reef. Satisfactory crushing results expected.
Argyle Reef. Sinking carried on with energy, promising highly remunerative results.
Long Gully. Very promising.
Redcastle, Clarke's Welcome Reef: 2 tons of quartz yielded 72 oss. of gold, reef still looking better.
Staffordshire Reef continues to pay well. Good crushings.
Golden Gully, No. 1 North. Beautiful specimen or rather patch, gross weight 1 3/4 os. containing 10 os. pure gold. From this claim is the purest in the district (3 carat less than pure gold).
McIvor Alluvial Gold Mining Co. Area 187 acres, Machine being erected.
Costerfield Gold and Antimony Co. Very favourable report of a visitor on efficiency and prosperity of the plant etc.
Memorial of Registration.
Rushworth Gold Mining Co. Scrub Reef. Capital, nominal: £10,000, paid-up: £5000.

2-2-66.

Kirby and Co's crushing yielded 62 os. 13 dwt. of gold.
Costerfield Co., fortnight's crushing: 216 tons of stone yielded 274 oss. 9 dwts. of gold, plus 20 tons of antimony ore. Previous fortnight: 212 oss. of gold, plus 10 tons of antimony ore.
2 mineral lease applications, antimony:
a) between Heathcote and Redcastle.
b) old antimony.

9-2-66.

Costerfield Co., result of fortnight's crushing: 245 oss. of gold.

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23-2-66.

Alabama Co. 75 tons of quartz yield 151 oz. 10 dwts. of gold.
Kirby's Scandinavian turning out remarkably well. 32 tons - 32 oss.

9-3-66.

Alabama Co. last fortnight : from 121 tons of quartz 207 oss. of gold.

16-3-66.

Clarke's Reef Gold Mining Co. Prospectus. Nominal capital £10,000.
Capital to be paid up : £2500. At Newcastle. Discovered 1859 richest reef in district, but returns not available owing to lack of records. In 1864, 60 tons yielded 969 oss. (average over 16 oss. per ton). 4 tons, from lowest depth to which stopes have been worked, turned out 122 oss. (average 30 oz. 10 dwt. per ton). This claim is 165 yards on the line of reef. The "Hit or Miss" Co's ground will be amalgamated with Clarke's. It extends north 320 yards on the line of reef. Only a small portion, adjoining Clarke's, has been worked (yield averages 7 oz. 10 dwt. per ton.) 18 months ago the "Hit or Miss" Co. sunk a shaft next to Clarke's boundary to 310' depth, slabbed to 1'0" was used for draining both claims. Clarke's Reef. 14 ton of quartz gave 5 oz. 7 dwt. of melted gold. Alabama Co's week's return: 222 oz.

23-3-66.

Clarke's Reef. 1 ton of quartz gave 5 oz. 7 dwt. of melted gold.
Alabama Co's week's return : 222 oz.

30-3-66.

Argyle Hill, Kirby and Co. Previous crushing, yielded 33 oz.,
last crushing 28 oz. 2 dwt.

6-4-66.

Heiver Alluvial Gold Mining Co. Machinery completed.
Heathcote Argyle Gully Quartz Gold Mining Co. who some time ago lost run of gold have again struck it at their lowest level. Crushing 20 tons of stone resulted in 31 oz. of retorted gold. To put down shaft 200' deep to meet the reef where this stone was struck which will leave a stope of 90' from which great results are expected. Splendid specimens got while breaking down the reef, one specimen containing 1 oz. of gold.
Water supply. Leading article bitterly criticises the authorities for lack of action in this matter. Some miners have been out of work for 18 months owing to lack of water.

- 14 -

13-4-66.

Notice of application for gold mining lease :
Red Hill Gold Mining Co. (capital £15,000). Ground wanted as site for
a crushing machine.

16-4-66.

Cherry Tree. Thick reef is struck at 80', containing payable gold in
Hason and Co's claim. This reef, in several places 9' thick, is tried in
several claims and payable.
Most puddlers getting work again owing to rain.

20-4-66.

Wild Duck Prospecting Association. General Meeting
Reports prospecting on the Basaltic Plains, near Campaspe River, depth
40', gold on the bottom, but not payable. Decided to drive the shaft
for a week to prove whether there is payable gold. Obtained 3 grs. of
gold to 1 dish of dirt.

4-5-66.

2 applications for gold mining lease; 3 miles east and 1½ miles north
of Redcastle resp. 1) Abandoned reef "Beautiful Venus" - 2) do.
"Sawyer's Blw" (now St. Laurence Gold and Antimony Co.)

11-5-66.

Notice of application for gold mining lease. Butler's line of reef,
between Caledonia and Long Gullies.

25-5-66.

Gold prices: £3-18-3 for alluvial, £3-15-6 to £4 for amalgamated.

1-6-66.

Italians' Reef: Prospecting claim being worked assiduously. Stone
lately raised is considered for richer than any previously.

8-6-66.

Spring Creek: New rush: 1 - 1½ dwt. per tub. 2-3' of wash dirt.
Sinking 5-6'. (see Whroo, 4-6).
Italy's Claims Last crushing yielded 57 oz. of gold.
Cherry Tree reef. Stone from body appears to contain little gold.

22-6-66.

(Ad). Rushworth. Auction of $\frac{1}{2}$ share of Sons of Freedom claim: 80 x 150 yards, at head of Black Joe's Gully. One shaft sunk 132'. 551 tons of stone from this shaft yielded 1477 oz. 18 dwts. 19 gr. of gold. First opened July 1865, may be only considered as prospected, ground east and west of shaft being untouched.

HOLYER TIMES, July - December 1866.

6-7-66.

Swede's Gully, Reilly and Co. Working on a quartz leader at top of gully, discovered on the surface a splendid reef a few yards of the leader; a trial crushing of 7 tons produced a splendid cake of gold weighing 180 oz. 2 dwts. Looks just as good everywhere, immense wealth to be expected from yields of this mine.

Costerfield Co's mine continues to improve.

Tooborag Another promising reef discovered; of considerable thickness, gold visible in almost any piece of stone. Discoverers secured claim.

Corinth Reef looking well.

Italian Reef looking well in prospecting claim. Rumour that reef has been struck in No.2 north.

Bell-topper: Last crushing turned out well.

Sliding Junter Reef: Some good prospects obtained.

Caledonia Gully: Machinery for treating tailings ready soon.

Black Jack Co: Crushing turned out very remunerative.

Red Hill Gold Mining Co. Report to shareholders:

Work on the reef was abandoned in February, but reef will no doubt pay very well when machinery erected. While work was in progress, prospecting was done which ascertained that neighbouring ground would pay for crushing bedily.

Machinery now being erected at foot of Black Jack Gully.

Holyer Alluvial Gold Mining Co. convenes extraordinary meeting to authorise borrowing money and giving a mortgage.

Apulles Gold Mining Co. Memorial to be registered. Place:

Campaspe River - Capital: Nominal £7,200, paid up £ 2400.

13-7-66.

Alabama Co., Caledonia Gully, started work again after machinery breakdown. Engine shaft to be sunk 25' deeper. Will then drive north and south.

20-7-66.

Holyer Hydraulic Co.'s upper reservoir filled; will shortly begin sluicing near Johnson's Gully.

Alabama Gold Mining Co. 110 tons of quartz yielded 128 oz. 8 dwts. of gold. Next blocks, after opening out engine shaft, will be 50' in depth. The lode looks well in the end of the 360' level, 126'6" south of the engine shaft.

3-8-66.

Notice of application for gold mining lease:
Hope Gold Mining Co., west bank of Coliban River.

24-8-66.

New mining regulations published.

31-8-66.

Leading article on proposed changes of mining registration.
Costerfield. Discovery of a "fat" mine. Several claims marked. The fat makes excellent candles. It is just like best kidney fat. It was discovered in an old prospecting shaft, oozing from the sides and congealing on exposure to air. It hung in lumps from the sides or fell and floated in the water at the bottom. The new mineral fat is highly inflammable, will no doubt make splendid soap. Miners grease boots and lubricate windlass spindles with it. Found in the primary rock, 30' from surface. It is said to be excellent food for poultry.

21-9-66.

Caledonia Gully. Discovery of a payable reef at the head of the gully. 2 notices of application for gold mining leases: 1). Ford's Gully, Teohorao, 30 acres, for sluicing, capital £15,000.
2). East of Long Gully Reef, Long Gully.

28-9-66.

Several reefs improving, new and important discoveries.
Angyle Co. have come on very rich stone, with a good thick reef which promises to continue and return good dividends.
Near Red Hill discovery of a valuable vein from which very rich specimens of auriferous quartz have been obtained.
10 tons of surface gravel, mullock, and stones turned out 12 oss.
Red Hill Co's engine started.
Reilly and Co's claim looking splendid, last crushing yielded nearly 100 oss. of gold.

5-10-66.

Gold price: Alluvial £3-18-3, amalgamated £3-15-6 to £4 per oz.
Freehold Mining Co. have come on splendid wash dirt, several nuggets, and small gold in highly remunerative quantities has been obtained.
Brilliant prospects.
Angyle Co's reef looking well. Last crushing very profitable.
Stephenson's Reef, Long Gully, yielding stone of immense richness, never being left unattended for safety reasons.

27-9-66
reported 15-10-66.

Costerfield Co. Quarterly Report: During past quarter, stone crushed was 849 tons, yielding 598 oss. 3 dwt. of gold, plus 150 tons of antimony. Mine and machinery in excellent order, mine being economically and satisfactorily worked. Arrangements are made for smelting the ore and tailings on the claim.

27-9-66
(reported 15-10-66) continued.

Chilian mill experiments tend to prove that large gold quantity has been carried off with tailings, will be recovered. Drive is now 300' south from the shaft, the reef is 4' wide in the face and 3' in the stopes. Last fortnight's yield from 181 tons of stone: 101 oz. 14 dwt. of gold, also 50 tons antimony ore.

19-10-66.

Leading article states that the Result Quartz Claim was wrung from the owner, Stephenson, by sharp legal practice in favour of Rigby and Co. who obtained 147 oz. of gold.
Wild Duck Goldfield. Official examination made the Board of Land and Works decide that a speedy collapse is certain.
Redcastle and Dargyle Mining Co. to be wound up.

9-11-66.

Caledonia Gully, Result Reef, looking well. Good stone being obtained from Thomas and Co.'s, late Rigby and Co.'s claim. Two claims north of this are getting gold. Reef fully tried for 300 yards distance.

16-11-66.

Costerfield Co. During past fortnight ground was troublesome, reef thin. 160 tons, crushed yielded 70 oz. of gold. 70 tons of antimony ore were raised.

23-11-66.

Freehold Gold Mining Co. obtained a splendid prospect of 1 oz. 2 dwt. from a shovelful of dirt. They have now a long face on in ground which is nearly all solid.
Wild Duck. New rich reef christened Piedmonte Reef, opposite Rocky Gully, discovered. Crushing turned out 6 oz. per ton. Another discovery reported in same neighbourhood.

30-11-66.

Argyle Gold Mining Co. have struck splendid stone, contemplate putting up another engine.
Alabama Co. Returns for fortnight. From 74 tons of quartz 69 oz. 15 dwts. of retorted gold. At 410' level a very hard bar; driven south 13' 9" the end is much easier; gone north 13' 3", they are not through the hard bar in this direction. When clear, returns will increase greatly.
Piedmonte Reef, Wild Duck. Trial crushing from prospecting claims turned out over 2 oz. per ton. Reef over 2" thick.
Ali Baba or 40 Thieves (or Thomas and Co.) doing pretty well.
Red Hill Co. working gradually into the hill. At present only covering expenses, later good dividends expected.

7-12-65.

Redcastle, after having been nearly deserted for a while, experiences a second rush. One crushing mill started work 3 oss. per ton taken out from an abandoned reef, 3½ oss. per ton from another. Old Welcome Reef taken up again. Great Leviathan, lying idle, could employ hundreds of men. Reefs are looking up, mills going full time.

Wild Duck Padmont Reef, turning out well.

Argyle Reef. Valuable discovery, great success of the month.

Last crushing turned out 244 os., stone looking better than ever. Very rich specimens taken to Melbourne. One of several pure little nuggets weighed 11 os. 5 dwt.

21-12-66.

Mundy Gully Reef. Opened considerable time back, and abandoned, now turning out great riches. 20 os. per ton to be expected. The reef is taken up north and south of the prospecting claim.

28-12-66.

Argyle Gold Mining Co. obtained a splendid cake of 128 os. The mine looks better than ever.

Costerfield Co. Quarterly report: 914 tons stone crushed, yielded 463 os. 3 dwt. 4 grs. Antimony ore raised: 311 tons. (19-12-66)

Stone in the level worked at present is less profitable/reported 28-12-66). than in upper levels. Working expenses paid. Smelting furnace completed, to be in operations in new year. Before sinking deeper, present drive to south boundary of claim will be continued and a prospecting drive put east to west across the claim.

McIvor Times 1867

11-1-67.

Alluvial Gold: Price reduced 6 d. per os. Gold for assay, 75 sh. standard.

Redcastle: Only steam power is wanted to make the place flourish. It was not known previously that local mullock contained so much gold.

Tait and Hamilton's old reefs: From 40 tons of stone, 8 oss. of gold.

7 tons from Mariner's Reef yielded 4 oz. south of Clarke's claim stone yielded 1 os. per ton. From old Tarragunya Reef: ½ os. per ton.

Leviathan Reef offered to tributors.

Costerfield Co. A winze was formed from the last level to the present drive, for the sake of air. Stone from the winze yielded 8 os. 18 dwt. of gold.

Report of analytical chemist:

4,200 lb. of tailings yielded 330 lb. oxide of antimony.

2,000 " " " " 320 " " " "

1,400 " " " " 114 " " " "

7,600 "

764 "

That is 241 lb. oxide per ton of tailings (fair average sample). Future results should be better, with use of new furnaces. Results of reducing the oxide to the metallic state were 75 - 80% of metal; consequently 241 lb. oxide will yield 180 lb. antimony metal; this, estimated at 28 s. per owt., makes the value of antimony in each ton of tailings £2-5. From 100 lb. of slag, 17½ grs. of pure gold were obtained, or 1 os. 2 dwt. 8 gr. of gold per ton of slag. It is estimated that 3 tons of tailings give 1 ton of slag, so that the gold in 1 ton of tailings may be estimated at 7 dwt. 8 gr. If £1-15 is allowed for smelting the tailings, reducing the oxide, separating the gold, there remains £2 per ton as profit.

11-1-67. (continued)

There are at least 20,000 tons on the ground (besides many thousand tons of slush from the dam, rich in antimony, and likely gold also). A sample of fire-bricks made at Costerfield from material abounding in the mine will answer for lining future furnaces instead of imported English bricks.

Red Hill Gold Mining Co. 1/2 yearly report: All 4 batteries at work. Operations first began at head of "Black Jack Gully". This ground when previously prospected, by crushing it wholesale, yielded average of 3 dwt. per ton. Between 3 and 4,000 tons crushed recently however, yielded scarcely an average of 17 grs. per ton, only paid expenses. 700 tons crushed, from east side of Baugh's lease, did not pay. Abandoned. Now crushing mullock from around shafts formerly worked on Red Hill reef; result of first crushing most profitable: 14 dwts. per ton. Summary: Ground is patchy and can only be tested properly by crushing large quantities.

25-1-67.

Costerfield Co. Lode has reappeared in south level, 2' wide, containing quartz and antimony. Purchased Minerva Co., immediately adjacent southwards.

1-2-67.

Alabama Co. 57 tons of quartz crushed, yielded 65 oz. of retorted gold. Driving 20' south at 410' level. Ground very hard. Lode 8" thick, gold seen in the stone. Backs over this end look very well. To the north of this shaft at this depth, the lode has been small, but is making larger.

Alluvial Gold. 2 splendid nuggets shown, as clean and bright as a new sovereign, weighing 350 oz. each.

8-2-67.

Mining machinery arriving almost daily.

Weddin Diggings Rush. Several miners coming back, disappointed, to Wild Duck.

Old Victoria Flat taken up again. An adit will be driven to drain the flat, the whole course of the lead will be stripped.

Unconfirmed rumours of rich gold finds somewhere in the vicinity.

Alabama Co., fortnight ending Feb. 2nd. From south stopes, over the 360' level, worked on tribute at 50%, tributors finding all costs: 1 1/2 tons of quartz, yield of gold 15 ozs. 64 tons of quartz, yield of gold 19 ozs. 1 dwt. 12 gr. (from the backs north and south over the 410' level). Total for the fortnight 94 ozs. 1 dwt. 12 gr. of retorted gold.

15-2-67.

Notice of application for gold mining lease, Hospital Hill. Sluicing and puddling. Murray's Reef Co., Rushworth, on Murray's Reef, Coy's Diggings, known as No. 1 South claim.

22-2-67.

Sheephead Gully Reef, looking splendid. Great width of stone which will pay abundantly, while rich patches may be supplementary profits.
Red Hill Co.'s reef: Tributors came on rich stone, expect highly remunerative results.
Alabama Co. Prospects looking up, getting out of hard ground, expecting splendid returns. Last fortnight's bearing gave 118 oz. of retorted gold.

15-3-67.

Notice of application for gold mining lease: La Juvena Italia, Caledonia Gully, adjoining Alabama Co's lease. Mining and quartz crushing.

22-3-67.

Victoria Reef Co. Rushworth, Cousin Jack's Reef, Cherry Tree Hill.
Batler's Reef Gold Mining Co. to be wound up.
Antimony and Sulphur Co., Melbourne, asks for deliveries of antimony ore.

29-3-67.

Long Gully Reef unwatered again. Taken in hand by tributors.

5-4-67.

New Rush, with tolerable success, on extensive flat on the road from near "Pick and Shovel" to the Goulburn River, 3-4 miles from Heathcote - Kilmore road. Pieces of gold weighing 7 dwts. have been found.

12-4-67.

A nugget found, 6 oz. 4 dwt., free from any other matter.

19-4-67.

Nuggets found, from 13 oz. to 2 oz. weight.

3-5-67.

New reef, very rich quartz, discovered near Swede's Gully, said to be richer than anything yet discovered in this locality.

17-5-67.

Notice of application for gold mining lease: Rushworth, Anderson Co., Growler's Hill.

24-5-67.

Head of Old Creek Lead discovered. Rush on Main Road, near Lake Hotel. Many applications for permission to mine are made.
Nelvor Hydraulic Water scheme and Sluicing Co. Asked for Government assistance. 12 miles of race completed.

31-5-67.

Railly's Reef, Swede's Gully Reef, crushed 12 tons obtaining a cake of pure gold weighing 82 oz. 4dwt.
Redcastle, Weloms Reef, to be let on tribute.
In 1854, 60 tons yielded 969 oz. of gold (average over 16 oz. per ton). 4 tons from lowest depth to which the stopes have been worked, yielded 122 oz. (average 30 oz. 10 dwt. per ton).

7-6-67.

Notice of application for gold mining lease: Peter's Gully, Caledonia Gully.

14-6-67.

New reef in Peter's Gully. Auriferous quartz has often been found in alluvial drift, stone showing greenish blue colour, with a yellow substance resembling sulphur. Reef has now been discovered after sinking a hole 10' through alluvial drift. Reef not exceedingly rich but very thick.

21-6-67.

Gold prices: £3-18-3 for alluvial, - £3-15-6 to £4 for amalgamated.
Swede's Gully Reef: Reilly and Co's last crushing of 15 tons of stone turned out 105 oz. 9 dwt. Reef looking well, promises long continuing good returns.

28-6-67.

Redan Reef, Tochorag. 10 tons of quartz turned out 3 oz. 15 dwt. per ton.

5-7-67.

Gold Prices: £3-18-6 for alluvial, - £3-15 standard for assayed gold. Reference to previous report on discovery of "fat" mine at Costerfield. "It probably was the place where a man who used to steal cattle threw his opal".

- 22 -

19-7-67.

A nugget, from some part of the old workings of Melvor, was sold, weighing 31 no. 5 dwt. 12 gr.

29-6-67.

Red Hill Gold Mining Co. Director's Report:
Quantity crushed in last 6 months. 6083 tons, yielding 283 oz. 19 dwt. 9 gr. of gold. Operations on the whole not very remunerative. Recent results more satisfactory.

26-7-67.

Mining Lease to be granted: Rushworth Nuggety Hill.

9-8-67.

Notice of application for gold mining lease: Redcastle, Welcome Reef.

16-8-67.

Tooborac: New quartz crushing battery erected.
Notice of application for gold mining lease: Foot of Mundy Gully,
Tooborac, Machinery for quartz crushing. Capital £1,000.
Construction of a dam area 2,500 yards, capacity 250,000 gallons,
height of bank 7'. Melvor Hydraulic Co's use.

23-8-67.

The Old "Blicer" Reef, idle for years, taken up by Mr. Kirby. Last crushing yielded 14 oz. 9 dwt. from 14 tons. Renamed it Darmark Reef.
Alabama Mine. Great improvement: Fortnight's return 106 oz. from 61 tons of stone.

30-8-67.

Nugget 13 ozs. found.

13-9-67.

Kimbolton Rush to the banks of the Campaspe, a short distance above junction of Wild Duck Creek. Several claims getting gold in payable quantities. About 150 people. Opposite a point $\frac{1}{2}$ mile below Spring Gully.
Alabama Co.'s Mine, Caledonia Gully. Valuable discovery. Reef, 3' thick, is said to have been found which looks like turning out 50 oz. per ton.

20-7-67.

Monte Christo Mining Co., Teoboro, offers for sale shares in No. 1 North Mariner's Reef, and Native Persevering Prospecting claim.

27-9-67.

Kimbolton Rush, mostly moderate. Some doing remarkably well, washing 11 dwt. per tub. Several claims have 1' of washdirt yielding 5 dwt. to 1 oz. per load.

4-10-67.

Conterfield Co., Quarterly Report 24-9: Income from gold has paid ordinary expenses. Anthony ore will pay for smelting expenses and reduce debt. Smelting operations have proved not profitable. Notice of application for dam construction licence. Handy Gully, area 4000 yards, capacity 500,000 gallons, tank 14' high.

18-10-67.

New Rush near Melvor Inn, a party prospecting having obtained payable gold, sinking rather difficult, cement layer between surface and bottom. 2 parties have bottomed, result unknown. Kimbolton Rush. Troubles owing to river flooding. With fine weather tolerable wages seem assured. Notice of application for a Water Race licence, Wild Duck Creek. Length 12 miles. Capacity 6 million gallons daily.

25-10-67.

Heavy floods in Melvor and Wild Duck Creeks.
Duroting of Hydraulic Co.'s Dam bank.
Notice of application for gold mining lease: Bailey and Co., Wild Duck Creek diggings, abandoned old ground, 30 acres, £5000. Principally sluicing, also puddling and crushing.

1-11-67.

Pogson Gully: Valuable reef discovered, well defined, appears to carry down to great depth with good thickness of stone. Looks like 7 or 8 oz. per ton.

8-11-67.

Pogson Gully. Stone reached is said to be richest ever found on Melvor. 2 or 3 oil cans contained an estimated £70 or £80 worth of gold.

15-11-67.

Possum Gully. New reef discovered at head of gully, valuable gold is said to be seen along the surface for 40 yards or more. Extent greater than anything discovered previously in this locality.

22-11-67.

Possum Gully. Crushing of 9 tons yielded a cake of gold weighing 102 oz. from 2 men's work in a fortnight. Reef 2' thick, looking as well, if not better.

Kimbolton Rush. More people arriving, population over 500. Very many alluvial miners making more than a good living. New reefs turning out very rich. Lode struck on Robinson's and Oxenham's Duke of Edinburgh Reef, north and south of prospecting claim. Gold obtained on both ends.

6-12-67.

Billy and Co's Reef looking splendid. 27 tons crushed yielded 114 oz. 10 dwt. of gold.

Kimbolton Rush. The discoverer, Mr. Woodhead, will apply for reward for discovery of a new goldfield.

20-12-67.

Duke of Edinburgh Reef, turning out splendid stone. Large piece of quartz studded with gold; one of the pieces would weigh 4 or 5 dwt.

Whroo Molvor Times 1865.

24-2-65.

Rush near Whroo.

Lately discovered reefs turning out splendidly.
Country "reticulated with auriferous reefs". Large population anticipated.

19-5-65.

Prospecting of the Albert and Carr's United Quartz Mining, Pyrope and Crushing Co. Capital £10,000 (£5 each share).
Purpose: Working Albert and Carr's Reefs which have been very successfully worked, for last 5 years, by small parties of miners. Most claims worked down to water level. To accomplish efficient drainage, an amalgamation of all the most valuable claims has been agreed to and the ground taken up under lease. Area 13½ acres, incl. crushing plant. Proprietors gave their claims for paid up shares in new company (652 shares out of a total of 2000 shares).

26-5-65.

Albert and Carr's Co. Will be one of most valuable and prosperous mining enterprises between the Goulburn and Campaspe.

Albert Reef.

Stewart & Co. Depth 240', stopped by water. Gold obtained: £9500 sterling.

Jones & Co. Depth 240', stopped by water. Gold obtained: £15,000 sterling.

Parquharson and Co. Depth 240', gold struck at 230', stopped by water; reef unworked.

Black and Co. Depth 240', stone struck in cross drive, yielded 12 oss. per ton, stopped by water.

Carr's Reef.

Jones and Co. - Depth 130', reef 6' wide, average yield 8 dwts. per ton, another small vein unworked, very rich (last yield 109 oss. from 25 tons).

Thompson and Co. - Depth 130', large body of stone easily worked, average yield 1-2 oss. per ton; also 50 yards of ground not yet opened.

Black Reef has only partially been worked.

4-4-65.

Mining Surveyor's Report (H. Nicholas) on Albert and Carr's Reefs.

Albert Reef: 365 yards in length, inclu. 4 large, strongly timbered shafts, will be available for working. Rich yields anticipated, with good profits from Jones', Anglade's (Stewart and Co.) and Parquharson's claims by sinking main shaft a further 80', to the 260' level. It was known, that Reef was increasing in breadth and paying well in these claims when they ceased working. Shafts sufficient for pumping and winding.

Carr's Reef: 168 yards in length, parallel with and distant 60 yards from Albert Reef. Quartz now raising from Jones' claim estimated to produce 4 oss. per ton.

Black Reef: 160 yards in length, paid well in the short claims first worked. Prospect very fair.

Crushing machinery in good order.

Dams are in good situations, have an extensive water shed, can be enlarged. Good fall for discharge of tailings.

8-9-65.

Coy's diggings: Want of water prevents progress.

London Reef: Prospecting claimholders had 19 $\frac{1}{2}$ tons crushed, turning out 101 oss. 17 dwts. 12 grs. This cake was not from picked stone, merely taken from a shaft while sinking.

New reef, east of Byron Reef, looking well, payable stone obtained near surface.

London Reef prospecting claim now down 100', alongside of principal reef found in the foot wall while sinking. This shows that the mine contains unexpected wealth.

Byron Reef looking better than ever, increased in thickness.

Hick's Reef doing well. Stone yields about 3 oss. per ton.

6-10-65.

Mining matters generally looking well considering the scarcity of water which may cause stoppages in summer.

Albert and Carr's Reefs lay in a comparatively unworked state which is much regretted. A dry summer might turn water in them into account which may be the only way to save them from ruin.

27-10-65.

Mining very dull owing to lack of water.

Corbett's mine, Hunt and Co's claims: $\frac{1}{2}$ oss. per ton.

Phillips and Co. Crushing turned out 100 oss.

Cameron's claim on Chinaman's Hill: 5 oss. 16 dwts. from small parcel of quartz.

Whroo Melvor News 1866, January - June.

23-1-66.

Baleclava Hill in full work again. Lewis and Mantics began crushing.

Chinaman's Hill: Law and Decrook crushing from Cameron's old claim.

New rush, large lots of quartz waiting to be crushed.

30-1-66.

Byron's and Cherrvines Reefs thick and looking very well.

Most quidlers in full work.

Alluvial mining brisk.

6-2-66.

Victoria Reef. Encouraging yield from crushing 15 tons of quartz, Jones Barrett and Co.

Nolan and Co. let a shaft 6' x 3'6" to sink 100'.

Corbet and Co. Essex Reef, 150' deep.

Byron's Reef. Trial crushing from 2 tons of quartz: 2 $\frac{1}{2}$ oss. of gold.

- 27 -

23-2-65.

Hicks and Smith's, near Welcome: 8 tons of second class stone and rubbish yielded 5½ oz. of gold.

Wilson and Co., Welcome Reef: 3 tons of quartz - 12 oz. of gold, pays well.

Darrock, Chinaman's Hill: Crushing pays well.

New alluvial grounds: Molvor road, very suitable for machine working.

2-3-65.

Welcome Reef, Jones and Co.: 7 tons of quartz yielded 8 oz. of gold per ton.

Mining progressing.

9-3-65.

Prince of Wales claim: Over 1 oz. per ton.

12-3-65.

Cherry Tree Reef, Mason and Co.'s claim: 122 tons of quartz yielded 83 oz. of gold, pays well, reef in place, 9" thick. Another new reef found on this claim contains payable gold.

London Reef. 100 tons being crushed. Water struck at 140' depth in Jadson and Co.'s claim (next to prospecting claim).

19-3-65.

Cox's Digging, new crushing engine. Some results:

Cherry Tree, Mason and Co.'s thick reef: 120 tons of quartz yielded 83 oz. 10 dwt. of gold. J. Barnold and Co.: (Sweden): 69 tons - 20 oz. 14½ dwt.

London Reef, Nolan and Co.'s prospecting claim: 70 tons of quartz yielded 273 oz. 15 dwt. of gold, realising £4 per oz.

Murray, Taylor and Co., Murray's line of reef at the London: 52 tons - 112 oz. 15 dwts.

Mining matters brisk. Crushing very satisfactory.

26-3-65.

Cherry Tree, Moore, Binson and Co.'s claim: 9 tons of quartz yielded 20 oz. 3 dwts. of gold; the vein is thin, but the thick, payable vein runs through the claim.

9-4-65.

Mining almost at stand for lack of water.

Balaolava Hill. During last 13 months work stopped for 26 weeks.

Byron's Reef, Smelling and Co.'s claim: 216 tons of quartz yielded 15 dwt. per ton; 160 tons yielded 206 oz. amalgam.

Hicks and Smith's claim, near Welcome: 11 tons of quartz yielded 112 oz. of gold.

Ballarat Flat being tried, deep sinking 50', very rich patches obtained, but so far lead is not well defined.

23-4-66.

Balaclava Hill: Lewis and Menzies crushing, more men employed.
Siberia: New reef found containing gold.
Welcome line of reef, Jones and Co.'s claim: 16 tons of quartz yielded 66 oz. of gold, 17 tons of rubbish yielded 6 oz.
Mining is brisk.

30-4-66.

Chissman's, Lee and Debrook's claim: 91 tons of quartz and rubbish from a cutting 5" wide, yielded 47 oz. of gold, likely to pay well.
Malayoff, Jones and Co.'s prince of Wales claim: 27 tons of quartz
Garr's Reef, Jones and Co.'s claim: 17 tons of quartz yielded 8 oz. of gold.
Siberia: New reef looking well. Reef has been got in new shaft on London prospecting claim at 100', about 1 1/2" thick, looking very well. Situated near north end of claim.

7-5-66.

Welcome, Wilson and Co's claim: 4 tons of quartz yielded 4 1/2 oz. of gold per ton; payable, vein thin.
New engine crushing from Snelling and Co.'s claim, Byron's Reef. Water in large quantities struck in this claim at 150'.
Balaclava, Lewis and Menzies, in full work.

30-4-66.

Garr's line of reef, Bailey and Co.: 8 tons of quartz yielded 20 1/2 oz. of gold, pays well.
Murray's line of reef, Hemper and Co.: 21 tons - 17 oz., payable.

28-5-66.

Albert Reef, Anglade and Co.'s: 19 tons of quartz from a thick vein yielded 11 oz. 15 dwts. of gold.
Welcome, Bryant and Co.'s: 5 tons - 3 oz. 15 dwts.
Byron, Snelling and Co.: 486 tons of quartz from thick reef yielded £671 worth of gold.
Balaclava: Lewis and Menzies getting very good stones.
Hemper and Co.'s: 21 tons of quartz - 17 oz. of gold.
Siberia, Thompson's new claim: 8 tons of cement yielded 8 oz. of gold, pays well.

4-6-66.

Mining brisk.
Balaclava: Lewis and Menzies employ 40 men.
Hannah and Lacey's, near the Welcome: 15 tons of quartz yielded 8 oz. of gold, payable, vein 12" thick.
Spring Creek, new rush: Several claims payable, ground shallow, in some cases payable from top to bottom, about 1 dwt. per tub is got in 3' sinking. Some surfacing is being done.

18-6-66.

Albert and Victoria Reefs, Jones and Co. 's claims:
5 tons of quartz yielded 11 oz. of gold payable.
London Reef, Nolan and Co. 's claim: 50 tons of quartz yielded 151 oz. 11
dwt. of gold, pays well.
New engine at the rush crushing stone from Byron Reef.

25-6-66.

Carr's Reef: Law and Darrook crushed 120 tons of rubbish, pays well.
Murray's line of reef; Murray, Taylor and Co.'s claim: 54 tons of quartz
yielded 73 oz. of gold, pays well.
Cherry Tree, Baseley and Co.: 11 tons - 11 oz.
Byron's Reef, Polien and Co.'s: Large amount of stone from thick vein
payable.
Great Eastern claim, near new engine, has a reef 15' thick which gives
5 dwt. per ton.

Whroo McIvor Times, July - December, 1866.

27-7-66.

Carr's Reef. Law and Darrook let the sinking of a shaft 7' x 3'6", and
70' deep.
Malakoff Reef, Craig and Co.'s new shaft: 11 tons of quartz yielded 6
dwts. per ton; vein 2' thick.

1-8-66.

London Reef, Hannah and Co.'s claim: 14 tons of quartz yielded 14 dwts.
per ton, pays well; reef 18" thick.
Carr's and Albert Reef improving.
Buffalo rush: Gold being got everywhere, but not payable.

6-8-66.

Chinaman's Hill, Law and Darrook: 24 tons of quartz yielded 4 dwts. of
gold per ton, pays expenses.
Albert Reef, Anglade and Co.: 3 tons of quartz yielded 21 oz. of smelted
gold. The vein was lost in this claim at 200'. After prospecting for 6
months it was found again at 236'. Claim appears to continue payable to
water-level.

13-8-66.

Balaclava in full work.
Victoria Reef, Jones and Co.'s claim: 10 tons of quartz yielded 11 1/2 oz.
of gold payable. Vein not been worked for years.
Cherry Tree and Byron's: Very slack, owing to impossibility of carting
over rotten ground.

- 30 -

20-8-66.

Mining steadily progressing.

Albert Reef. 3 claims, long idle because of water, being applied for, but little can be done without pumping engine.

27-8-66.

London Reef, Nolan and Co.'s prospecting claim: 64 tons of quartz yielded 231 oss. of gold, pays well.

Great Eastern Reef, alongside Nuggetty Gully. Abandoned 5 years. 4 tons of quartz yielded 4 oss. $3\frac{1}{2}$ dwt. of gold, pays well.

Head of Long Gully. Hannah and Co. took up prospecting claim on a gold bearing reef.

Old Balaclava vein was found by driving west of the perpendicular shaft 50°. There are 3 veins which will all be worked in the drive, one 12" thick, a thin one 1" thick contains a good deal of gold; one, 6" thick, is not so good. Several drives in various directions, but continuation of reef only now discovered, will greatly increase value of claim.

31-8-66.

1 notice of application for gold mining lease, Balaclava Hill and Stockyard, by J.T. Lewis.

3-9-66.

Mining going on very steadily, prospecting for alluvial gold and quartz reefs.

Murray's line of reef, Murray and Co.'s claim, London Reef: 55 tons of quartz yielded 92½ oss. of gold, pays well. Yield from this claim has been remarkably steady from the first.

London line of reef: 3 tons of quartz yielded 29 oz. 4 dwts., pays well. Vein very thin in places.

Great Eastern Reef looks well.

New reef discovered alongside Main Gully. Vein is thin as yet.

14-9-66.

London Reef, Bryant and Co.: 5 tons of quartz - 9 oz. 16 dwt. of gold, pays well.

Stockyard Reef: 4 tons - 4 oz. 4 dwt., scarcely payable.

New reef (see above) not yet payable.

Balaclava: Lewis and Mensies are driving alongside the newly discovered portion of Balaclava reef, but not breaking down the vein.

21-9-66.

Mining steadily progressing.

Albert Reef: Francis, Carter and Co. began working two claims (originally Black and Labarte's). Two shafts have been put down; owners expect to find payable ground for years before getting to water level.

5-10-66.

Old Balaclava Hill. Lewis and Menzies employ over 50 men. Mine is still being opened out, yield for last week 70 oss.

Whroo 1867 McIvor Times.

12-2-67.

Notice of application for gold mining leases: North Balaclava Quartz Mining Co., north of Lewis and Menzies' leases.

26-7-67.

Mining leases will be granted : 1) Albert Reef, Whroo.
2) North Balaclava.

8-11-67.

Notice of application for gold mining lease : Tompson's Lease, formerly "Johnson's Reef", Chinaman Hill.

- 1 -

Holver Times 1869.

1-1-69.

Gold Prices

At Heathcote: £3-17 to £3-17-3 for alluvial.
£3-15 standard for assayed gold.
Spring Creek: £3-16-6.
Sandhurst: £3-15-6 for standard.
£3-17-9 for alluvial.
Bushworths: £3-15-3 for alluvial.
£3-16-9 for Whroo alluvial.
£3-15-3 for standard.

Spring Creek Rush. Rapid increase of population, now 12,000. Many claims, now considered worthless, will be profitable when water can be supplied. Puddlers have exhausted Compton's Creek. Petition for water supply to Minister of Mines.
Notice of application for gold mining lease.
Happy-go-Lucky Reef, Petter's Gully.

8-1-69.

New Rush at the foot of Argyle Gully. Several holes going down for an apparent outside gutter, between two reefs, leading towards the Old Creek Lead. One hole was bottomed, £10 worth of gold taken up.

15-1-69.

Spring Creek Rush attracting people from all parts of Victoria, but most miners postpone washing until the winter owing to lack of water. At south end of the old lead, near Compton's Creek bridge, the prospecting hole was bottomed at 40' (instead of 80' as expected). Many claims marked out. It is believed that the lead goes along the creek into the flat between Miller's and Costerfield. Washing-ups generally payable. 3 loads on Wattle Flat turned out 3 oss. per load.

22-1-69.

Spring Creek Water Works Company. Prospectus:
Capital £20,000, in 10,000 shares. To construct a reservoir and water conduits from Goulburn River. Present limited supply obtained 4.5 miles from lead. Proposed to raise water by steam engines from Goulburn River to reservoir for distribution. At present 20,000 loads of stuff, to yield 6 dwts. to 4 oz. per load, waiting, and hundreds of claims. Although ground very patchy, there is every reason to believe that a most extensive and general goldfield exists which will, when water comes, furnish highly profitable employment for a very large population for years. Not only Moonlight Flat, but nearly every flat for miles around, appears auriferous. Compton's Creek rush extending rapidly, holes going down on Five Mile Flat, on the road to Costerfield.
Costerfield Mine. Reef struck in 3208 level, prospects most encouraging. Two reefs have been crossed; the first 12" thick, then 18" of mullock, at the back of which a splendid antimony and quartz reef containing gold, nearly 2' in thickness.

29-1 -69

Gold price:

Spring Creek £3.16.9, otherwise unchanged.

Spring Creek Rush. Population fluctuating, not increasing. Excessive business competition. Anticipating gold washing output uncertain. Notice of application for mineral lease.

Export Antimony Mining Co., All Nation's Reef, Lower Costerfield. Capital £1000

5 - 2 - 69

Leading article. Severe criticism of inactivity of Mining Department in urgent matters of water supply.

Costerfield line. New reef looking splendid, gold and antimony being obtained in most satisfactory quantities. Some capital stone. Prospects highly encouraging. Applied for new lease, cost of present ground, £6,000 to be invested.

12 - 2 - 69

Argyle Gully. From the claim adjoining to and south of Widdlans and Co.'s, were obtained by D.J. Trestrael, rich specimens and $\frac{1}{2}$ oz of very coarse gold that dropped out of the stone.

Struck a rich vein that will, no doubt, lead to the reef that was, in part, so rich in the company's ground. Between 600 and 700' have been sunk and driven in the claim. Present shaft 106' deep; from it they drove 100' when the vein was struck; it is $\frac{1}{4}$ " thick.

19 - 2 - 69

William Tell Reef. Very little thought of some time ago. Steadily turning out very payable returns. Crushing 14 tons yielded 27 oz. of gold. New Rush: Hard Hills, Batchelor's Flat, near Wild Duck road, 3 miles from Heathcote. 15 claims being worked, prospectors getting payable gold. Said to have obtained £34 worth of gold from 3 loads of stuff. One party washed 3 oss. in a day; one claim - 5 dwt. per tub, others $\frac{1}{2}$ dwt. to $\frac{1}{2}$ dwt. per dish. Sinking very hard, 10 - 18' deep. Neighbourhood no doubt highly auriferous.

26 - 2 - 69

Hard Hills. Very fine specimens of auriferous cement.

Wild Duck. Rush in Patterson's Gully. Gold has been struck in outside ground, 1 $\frac{1}{2}$ oz. per load.

Band of Hope Prospecting and Gold Mining Co. Prospectus: Capital £1,000. 20 acres incl. Bayne's Diggings, at the head of 5 mile flat, Spring Creek road, 4 miles N.E. of Costerfield. 3 shafts have been sunk, not bottomed, one to 165' depth. Deepest alluvial ground in district. Prospecting proved that an extensive lead of gold from Spring Creek runs into the 5 mile-flat, which may be one of many tributaries to a deep lead.

Lower Costerfield. Application to register the Alison Gold and Antimony Mining Co. Capital £5,200 nominal; paid up: £600.

- 3 -

12 - 3 - 69

Spring Creek Rush past the full. Population decreasing fast. Loss of gold at both ends of lead. Large quantities of very payable dirt will be washed up in winter, unless severe flooding sets in.

19 - 3 - 69

Redcastle. Clarke's Reef. One of the best, if not the best in the district. Taken up again. There has never been a "bad" crushing. When abandoned because of flooding, the yield was from 2 oz. per ton to 20 oz. per ton. With machinery the mine will pay well. Ground applied for includes Mary Ann Reef.

New crushing plant erected by Parker at Old Race Course.

Costerfield Gold and Antimony Co. Fortnightly Report: 94 tons of stone from south level yielded 40 oz. of gold. 160 tons of tailings from south level yielded 72 oz. of gold.

5 tons of antimony were raised.

South level is in 50', reef has narrowed down to 9" wide.

2 - 4 - 69

Notice of Application for gold mining lease, Lower Costerfield. £5,000, crushing and pumping machinery.

9 - 4 - 69

Gold Prices.

Spring Creek: £3.17 to £3.17.3

Heathcote: do. for alluvial, £3.15 standard for assayed gold.

Former Red Hill Co.'s ground being tried by several parties, in one case with highly satisfactory results. James Neal found, on the old hill, an exceedingly rich leader, obtaining payable gold by mere washing without crushing.

Tooborac Quartz Mining Co.: Prospects improving, have sunk shaft much deeper, driving at a lower level. Crushed from a large reef 80 tons for 24 ozs. Reef improves going down. Several small parcels of gold sold, incl. nuggets from 5 dwts. to 3 ozs., one from old ground near Golden Gully.

16 - 4 - 69

Costerfield Gold and Antimony Co. During past fortnight the south level has been driven 48'; only one little block, containing 2 tons of antimony ore, was met with. This level is in 148', drive will have to be continued 80' before dip of original reef is met with. Re-crushing of 25 tons of tailings yielded 90 ozs. of gold.

23 - 4 - 69

New rush near Wild Duck. Locality not yet known.

- 4 -

30 - 4 - 69

Costerfield Co. During past fortnight re-crushing of 283 tons of tailings yielded 90 oz. of gold, 10 tons of surface stone yielded 6 oz. South level now in 185', dip of old reef expected at 230'.
Spring Creek see Whroo, 26.4.

7 - 5 - 69

Tooborac Quartz Mining Co. Prospects much more promising. During past 5 weeks 100 tons of stone yielded 36 oz. 1 dwt. 15 gr. of gold.

14 - 5 - 69

Argyle Gully. Trestrail and Longmore struck a very rich vein.

28 - 5 - 69

Spring Creek see Whroo 25.5.

4 - 6 - 69

Gold price.

Spring Creek: £3.17 to £3.17.6. Otherwise unchanged.

11 - 6 - 69

Application for Mining lease, Spring Creek.
Alfred Reef, Opossum Gully. Turned out well some time ago, then fell off to nothing. Has again been struck at a lower level. Good thickness. Promises 10 oz. per ton.

18 - 6 - 69

1. Applications for mining leases:
 2. Happy-go-lucky, Peter's Gully;
 3. Clarke's Reef Spring Creek
 4. Crinoline Reef
-

25 - 6 - 69

Costerfield Co. During past fortnight the drive has been carried south 29'. Reef has been met with at 300' from cross cut. Very thin, only 9", but will improve. Yield from 10 1/2 tons stone: 7 oz. 17 dwt. of gold. From re-crushing 332 loads of tailings: 99 oz. 8 dwt. of gold. 6 tons of antimony raised. Application for mining lease.

16 - 7 - 69

Application for mining lease, Lower Costerfield.

- 5 -

23 - 7 - 69

Spring Creek: Miners' Protection League established.
New Rush at Kilmore Road looking for old creek lead.
Tooborac Quarts Mining Co.: Crushing of 5 weeks work yielded 54 oz.,
of 3 weeks work 35 oz.
Costerfield Co. During past fortnight driven 26' south, stope carried up
6'. Reef 3' wide. 23 tons of stone yielded 16 oz., re-crushing of 273
tons of tailings: 71 oz.

30 - 7 - 69

New rush to sandy rise between Victoria Flat and Dead Horse Gully.
Several parties getting gold in 3 - 5' sinking. Prospectors get 3 dwts.
per tub. A nugget weighing 1 oz. 3dwt. Others get $\frac{1}{2}$ - 3 dwt. per tub.
Kilmore Road rush turns out according to promises. New claims applied for.

30 - 7 - 69

4 notices of applications for mineral leases:

- 1) Wild Duck Creek, alluvial, £5,000, steam power.
 - 2) Alison Co., antimony. SW. of Alison Co., £1,500, steam machinery.
 - 3) Great Central Export Antimony Co., Costerfield, north of Alison Co.,
south of Costerfield Co., 300 acres, £20,000, steam machinery.
 - 4) North Costerfield Co., 200 acres, antimony, north of Costerfield Co.
£8,000, steam machinery.
-

6 - 8 - 69

Victoria Flat/Dead Horse Gully Rush turned out better than expected.
Spring Creek. Several disappointed parties have left for their old quarters.
Kilmore Road rush progressing steadily.
Costerfield Co. Reef looks well, 3' wide. Re-crushing of 297 loads of
tailings produced 73 oz. 15 dwt.

13 - 8 - 69

Leading article on mining warns that often real good results are kept secret,
and often publicity for big yields is swindle in order to sell shares etc.
All ground between Upper and Lower Costerfield now taken up. Several new
companies for working well known good reefs where individuals beaten by water.
Sugar Loaf quartz mines turn out good stone, keep one crushing machine going.
Tributors of Tooborac Co. are very handsomely - Redcastle looking up. New
crushing plant. Engine to be erected on Mary Anne, Clark's Reef.
Most Spring Creek claims worked out.
On the whole, mining prospects very encouraging.

20 - 8 - 69

Gold prices: Spring Creek £3.17 to £3.17.3. otherwise unchanged.
Notice of application for gold mining lease: Alison Gold and Antimony
Mining Co., Lower Costerfield. £5,000. Crushing and pumping.

27 - 8 - 69

Keeps looking better than for some time.

- 6 -
27 - 8 - 69

Sugar Leaf. Excellent prospects, high prices for shares.
New claim registered.
Alison Co., Copierfield, started pumping. Mine unwatered.
Possus Gully, Kerby's Reef: 8 tons - 2 os. 15 dwt. per ton.
Parker's Reef, Old Racecourse, turning out some capital stone.
Tipper and Williams' claim looking splendid. Stone raised now by
far exceeding any yields of previous proprietor.
2 notices of application for gold mining leases:
1) Old Racecourse line of reef £1,000.
2) Peter's Gully, £2,000, machinery.
1 notice of application for mineral lease: Port Phillip and London
Antimony Co., old antimony workings, Wapentake Creek, 150 acres, £5,000.

3 - 9 - 69

More than average quantities of gold sold.
Kilmore Road and Dead Horse Gully rushes successful.
Wild Duck: Prospecting claim taken up on Hurley's Hill, promising 6 dwt
per lead, with 8" of washdirt in dry sinking.
Sugar Leaf, Tooborac: New reef near Doncaster Reef. Well defines, 6 - 12"
thick, gold visible, promising.
Spring Creek rush is finished. Lead nearly worked out. In dry weather
fossicking still possible, but if wet it will be unworkable ever after.
Rest reefs are "flat" reefs.
Notice of application for mineral lease: Mount Ida Creek, near Green Hill.
£10,000. 150 acres; antimony. do. for gold mining leases as before.
£5,000; 40 acres; alluvial.

17 - 9 - 69

Copierfield Co. During past fortnight 44 tons of stone yielded 16 os.,
20 1/2 tons of tailings yielded 54 os. 16 dwt. Antimony raised: 42 tons.
The cross-cut reef touched in January has been followed up to 11' depth,
continues rich in gold and antimony and appears to be the cap of a new reef.
Old Racecourse Reef. Attracted quartz miners' attention in 1855. Opened
by Lewis (Balaria Hill holder). Stephenson struck the reef crossing Peter's
Gully where it was very wide and good. Williams and Tipper bought Argyle
Co's plant, removed it to Peter's Gully, to crush stone. Reef mostly 20'
wide, at least 15'. Lode is practically unlimited. Reef has been tested
by shaft to 110' depth, better below. Main shaft to be sunk 90' further to
secure water.
Some tributaries, working in another part, crushed in Caledonia Gully,
highly satisfactory.
Parker Bros. claim, on the same line, looking magnificent. Last crushing
gave 2 os. per ton. Reef is so wide that they 18' props, in some places
even wider. One of the best reefs in Victoria.
Knowsley. Parties mining near Matheson's paddock. One party: 1dwt per dish.
Notice of application for gold mining lease.
Reliance Gold Mining Co., Tooborac, near Hotel. 30 acres, £2,000, steam
machinery.

24 - 9 - 69

Old Racecourse Reef looking well.
Kilmore Road rush do., more claim applications.
Redcastle, splendid antimony from Carpenter's new claim.

Old Racecourse Reef Crushing results

<u>Tons</u>	<u>os.</u>	<u>dwt.</u>
60	85	-
60	77	6
184	124	16
150	67	10
80	43	5
60	37	15
83	20	-
108	95	-
8	13	-
40	37	10
50	9	5
80	45	2
80	16	-
182	46	10
190	64	17
207	79	-
140	56	13

1 - 10 - 69

Teoherea. Memorial sent to Minister of Mines, signed by many, not to grant above mentioned lease application, as it would be a great injustice to miners.

Gosterfield Co. During past fortnight 45 tons of stone yielded 19 os. 16 dwt., 162 tons to tailings 49 os. 8 dwt. Antimony raised: 45 tons. A winze is put through from last upper level to lowest level; after that the cross-cut reef will be followed down, the drive continued south towards the Minerva ground.

New company for re-working the sludge on a new principle, to secure fine gold which escaped from puddling machines. Location: Top end, Golden Gully.

15 - 10 - 69

Doncaster Reef, Sugar Leaf, prosp. claim: from 98 tons: over 1 os. per ton. Notice of application for mineral lease: "Wheal, Carpenter, Gold and Antimony Co.," 200 acres, south of and adjoining Mavor and Waranga Shire boundary, west of Kangaroo Flat, incl. Pioneer Prosp. Claim. £1,500 to be invested.

29 - 10 - 69

Old Racecourse Reef extraordinary. Steadily tested, great value and extent more and more apparent. Parker Bros., crushing stuff 20' wide, found wall of their claim fallen in and saw gold. They had been crushing only 2/3 of reef. Now taking stuff 30' wide, easy to crush, payable, 10 - 15 dwt. per load.

Tipper and Williams very busy. Last cleaning gave 100 os. Reef unlimited so far.

Kilmore Road. Some claims doing well.

Red Hill Rumour of heavy gold in Neal's claim.

Gosterfield Co. During past month: 34 tons of stone yielded 37 os. 10 dwt.
438 tons of tailings, re-crushed: 78 os.
10 dwt.

Antimony: 82 tons.

The winze is now through from last level; drive is carried south, it is now 395' from bottom of shaft; the blind shaft in the cross cut reef is continued downwards, now 24' down. The reef which began at 2' thick is now 10", but expected to increase as the blind shaft goes deeper; looks well.

- 8 -

5 - 11 - 69

New Rush. Report of discovery of payable gold in shallow sinking in an extensive gully, very promising, halfway between Costerfield and the site of the murderer's hut (Cooley) on Heathcote - Redcastle road. Prosp. claim registered, sinking hard and dry, 5 - 6' deep, yield 1 - 2 gr. to 1 dwt. per dish. Many miners crossing the ranges to "Shellback Gully". Prosp. claim in a gully just over the saddle of the range from Dampier Gully (worked 9 years ago). After inspection estimated at 2 dwt. per acre. Very disappointing.

12 - 11 - 69

Costerfield Co. During the past fortnight the lowest level has been carried 20', an irregular reef of white quartz yielding gold has been found. Blind shaft in cross cut reef discontinued after carried down 30' to prove that it continues downwards in good quality.
80 tons of stone - 39 oz. 15 dwt.
221 " " tailings, re-crushed: 55 oz.
Antimony raised: 42 tons.
Lower Costerfield. Hughes' antimony smelting works nearly completed after finding suitable clay for furnace.

19 - 11 - 69

Notice of mineral lease applic. "Wheel Carpenter Gold and Antimony Co.", as before, £10,000.

26 - 11 - 69

Costerfield Co. During past fortnight.

65 tons of stone yielded 30 oz. 10 dwt.
207 " " tailings " 40 oz. 14 dwt.
Antimony: 40 tons.

Level carried south 15'

17 - 12 - 69

Opossum Gully reefs looking up splendidly. 26 tons of stone crushed turned out 114 oz. Very rich stone on Inke of Edinburgh line.
Old Racecourse Reef very satisfactory. Report of "most important mining discovery".

24 - 12 - 69

Lower Costerfield. Alison Co. Fine quartz specimen from extreme depth, 50' below old workings. Reef rich in gold, good body of stone.
Doncaster Reef, Tooborac, claim No. 3 south. Crushing quartz yielded 22½ dwt. per ton retorted gold. Claim looks well, payable gold traced across the whole.

31 - 12 - 69

31 - 12 - 69

Argyle Hill. Very rich quartz leader discovered on the point, near old Willans' and Hird's claim. Stone nearly as rich as in surface leaders of old claim.

Costerfield Co., quarterly meeting:

Stone crushed: 318 tons, yield: 143 oz. 11 dwt

Tailings re-crushed: 1231 tons yield 278 oz. 9 dwt.

Total: 422 oz.

Revenue from gold: £1962

Revenue from antimony: £2606

Drive carried south to 450' from bottom of shaft. In the drive the good reef has not appeared, but in the stope above is a considerable quantity of antimony ore of very fine quality. Not rich in gold. Influx of water from north prevented further exploration through blind shaft at cross-out reef after 30' depth was reached. Very promising.

- 2 -

18 - 3 - 70

Costerfield Co.

Past four weeks: 148 tons of stone - 66 oz. 8 dwt.
294 " " tailings, re-crushed 54 oz. 17 dwt.
Antimony ore: 80 tons.

Stone below is very poor in gold but rich in antimony.

Hall, Marchant and Co., Caledonia Gully: 38 tons of quartz yielded 99 oz. 6 dwt.

Rosey Gully Reef: 27 tons - 114 oz., besides £200 worth of specimens picked out of the stone.

25 - 3 - 70

Two good quartz crushings. Old reefs looking well.

Rosey Gully Reef has been traced into two claims outside the prosp. claim.

Wild Duck, London Reef, traced outside Fyfe's claim (see 11.3). These reefs are therefore rich and extensive.

1 - 4 - 70

Costerfield Co. Quarterly Report. (ending Feb. 28.)

Stone crushed: 473 tons yield 207 oz. 11 dwt.

Tailings re-crushed
1024 tons " 214 oz. 14 dwt.

Total - 422 oz. 5 dwt. gold.

Revenue from gold. £1629.15.6

" " antimony £2635.

Lowest drive carried south to a distance of 538' from bottom of shaft.
Preparations for deeper sinking completed. Procured circular buddle to separate antimony ore from quartz in tailings.

8 - 4 - 70

New rush in township, discovered whilst sinking a well opposite Moore, Christies' main store, Morris and High Street. Appear to have found payable gold. Prospect of $\frac{1}{2}$ oz. per dish reported. Not far from once celebrated Commissioner's Flat.

6 - 5 - 70

Major's Creek. Valuable auriferous quartz reef discovered.
Well defined, tolerably thick, promises 2 or 3 oz. per ton.

13 - 5 - 70

Costerfield Co. Description of new circular self-discharging buddle (similar to that at Olunes).

Past fortnight: 66 tons of stone - 30 oz. 8 dwt.

180 " tailings re-crushed. 31 oz 10 dwt.

Antimony ore: 36 tons.

Sinking of shaft: 9 $\frac{1}{2}$ ' during fortnight.

Mary Taylor's Rush. Many people moving from Graytown (ex Spring Creek)

21 - 1 - 70

Long Gully, Redcastle: Good wages, 6' sinking. Shortage in hired labour.
Costerfield Co. Past fortnight:

42 tons of stone yielded 17 oz. 10 dwt.
84 " " tailings recrushed, yielded 21 oz. 10 dwt.
Antimony: 24 tons.

4 - 2 - 70

Costerfield Co. Past fortnight:

83 tons of stone - 28 oz.
16 " tailings recrushed 25 ozs.
Antimony: 30 tons.

Shaft to be sunk deeper.

18 - 2 - 70

Wild Duck Creek. New reef discovered. At a depth of a few feet solid body of well defined reef, 4' thick, gold visible in nearly every stone raised.
Costerfield Co. Past fortnight:

70 tons of stone - 25 oz.
170 " tailings, recrushed 25 1/2 oz.
Antimony: 40 tons.

Level is now 496' south from shaft bottom; reef in level not good, but stopes yielding good antimony ore.

Spring Creek. New Rush in a flat 2 miles west. Sinking over 60', very hard. Prospect said to be very good. Gold coarser than generally at Spring Creek, one piece 15 grs. Many claims marked out. 500 miners. Large rush expected.

New Mining By-Laws published.

25 - 2 - 70

Tooborac, Hayes' Gully: 42 oz. nugget found.

Peter's Gully Reef. Fortnight's crushing gave 90 oz.

New Rush to Mount Moorabool. Ground taken up for 1 or 2 miles. Sinking hard, upwards of 60'.

Possus Gully Reef: Splendid stone. Crushing expected to exceed all former yields.

11 - 3 - 70

Reefs looking splendid.

Wild Duck. Fyfe's new reef (see above): Trial crushing gave 1 oz. per ton. Called "London Reef", 3' thick, going down between two well-defined walls.

Possus Gully. Stone looks splendid, promises 4 oz. per ton.

Reef improved in thickness and richness.

Peter's Gully mine looking well.

Prospect of quartz miners generally rapidly improving.

Redcastle. Crushing, from an old claim, of 11 tons, yielded 20 oz. 15 dwt.

A trial crushing from a hole dug for a post yielded from 7 tons: 17 ozs.

- 3 -

20 - 5 - 70

Major's Line Reef: 13 tons of quartz - 9 oz. 1 dwt. 18 grs. of melted gold. Very payable owing to great thickness of reef.

27 - 5 - 70

Costerfield Co. Past fortnight:
73 tons of stone - 26 oz. 4 dwt.
114 " " tailings, re-crushed 22 oz 15 dwt.
Antimony ore: 40 tons.
Shaft sunk 1 1/2' deeper. Good antimony, very little gold.

Pomeroy and Ellis' Reef redeeming its promises. Stone is looking capital, judged at 20 oz per ton.

Rosey Gully Reef turns out well.

Peter's Gully, Tipper and William's claim flooded, taken by a Bendigo tribute company.

3 - 6 - 70

Rosey Gully Reef turning out well. Crushing of 24 tons of stone turned out a cake of 402 oz. of gold (result of 5 weeks work by 4 picks)

Major's Creek. New reef turning out capital stone. Several claims struck payable gold. A payable reef found 700 yards distance from prospect claim, with very nice quartz samples.

Mary Taylor's rush has seen its best, though some parties are doing pretty well. A party are seeking the old lead of gold traced across the street in an oblique direction from Victoria Flat to Bank of Victoria. Sinking in front of Mr. Crowle's place, they bottomed at 16' and drove the ground out for a bit.

10 - 6 - 70

Rosey Gully: The gold cake of 402 oz., mentioned before, lost 22 oz. in smelting.

17 - 6 - 70

Costerfield Co.: Past fortnight:
65 tons of stone - 17 oz. 7 dwt.
126 " tailings, re-crushed 38 oz. 1 dwt.
Antimony ore: 36 tons.

Shaft sunk 8', slabbed 33' depth, altogether 44'.

Top of Caledonia Gully: New reef discovered by Pomeroy and Ellis, is fully up to expectations. Trial crushing of 11 tons gave a cake of 25 oz. Reef thickening, no diminution of richness.
New rush reported in a flat near Major's Line reef.

- 4 -

30 - 6 - 70

Costerfield Co.
Quarterly report, ending 31.5

Revenue from gold : £1331
Stone crushed: 294 tons; yield 124 oz. 10 dwt
Tailings recrushed: 1020 tons; yield 206 oz. 10 dwt.
Revenue from antimony: £1948.
Charges for underground operations. £1058
Crushing £ 332
Machinery £ 332

Drive was carried south to a distance of 550' from bottom of shaft. There a winze has been put up, good indications of antimony. The reef near the shaft yielded most excellent antimony ore. Shaft is down 65' below the plat on the last 320' level. It is intended to carry shaft down to 420' depth before commencing to drive towards expected reef. The separating buddle works efficiently, the heavy antimony tailings passing out on one side, the light quartz on the other.

8 - 7 - 70

New rush at Major's Creek Diggings. Alluvial prop. claim registered. Obtained from a tin dish 2 dwt. of gold, and 2 dwts. from 10 small buckets of dirt. Sinking 6'.
Costerfield Co. Past fortnight:

58 tons of stone - 14 oz. 10 dwt
156 " tailings recrushed 32 oz. 6 dwt
Antimony ore: 40 tons.
Shaft sunk 10'.

15 - 7 - 70

Redcastle. Crushing results of Collins' machine (one of two) during last quarter:

<u>Tons.</u>	<u>oz.</u>	<u>dwt</u>
29	20	15
17	6	10
27	35	0
10	6	5
3	2	0
18	8	0
18	4	5
9	30	0
2	1	3
40	8	0
6	1	10
10	6	0
7	1	5
4	0	10
16	12	5
12	9	12
6	2	0
6	1	0
6	1	10
14	4	12
21	30	0

- 5 -

22 - 7 - 70

Major's Creek Diggings. Rush turning out less well than expected, because of carting difficulties, though reef looks well.

Costerfield Co. Past fortnight:

10 tons of stone	-	4 oz.
165 " tailings	-	46 oz. 3 dwt.
From the buddle	-	11 oz. 10 dwt.
Antimony ore:	40 tons.	

Reef is down 74' from last level, having been sunk 9'.

29 - 7 - 70

New Reef: "Never Mind"; on sandstone rangeto the west of the north end of Heathcote township. Very flattering prospects. Trial crushing of 6 tons turned out 1 oz. per ton. Reef is 18" thick, improving.

5 - 8 - 70

Redcastle: good heaps of quartz in the bush cannot be carted away (being) owing to wet weather. 7 tons yielded 9 oz. Curly Day yields good stone.

19 - 8 - 70

Major's Creek. Four lines of reefs discovered in neighbourhood. Splendid prospects in many claims, but carting impossible owing to wet weather and lack of roads.

Costerfield Co., Monthly report/ for 4 weeks.

44 tons of stone	-	17 oz. 12 dwt.
275 " " tailings, re-crushed		55 oz. 3 dwt.
The buddle		11 oz.
Antimony ore:	60 tons.	

Shaft sunk 19' (93' from last level)

Lowest level has been driven 34' further south but no reef has yet appeared in that level during a distance of 607'.

Never Mind Reef on Slaughteryard Hill, fulfilling its promise.

Possur and Caledonia Gullies looking well. A nugget found in Possur Gully weighs nearly 10 oz.

26 - 8 - 70

New Reef at Costerfield, near Costerfield road, yielded 9 oz. from trial lot of 7 tons of stone

- 6 -

2 - 9 - 70

Red Hill, Neil and Robinson: 14 tons of stone - 24 oss.
Greatly improved in richness; 2/3 of gold was in last 3 tons taken out.
New Rush on the Campasse, Rocky Point, near Kimbolton. Alluvial prosp.
claim registered. Depth of sinking 16', with 4 - 12" of washdirt. Trial
washing of two loads gave 14 dwt. 10grs. In prosp. claim the run is 20'
wide. Several parties have taken up claims and are sinking.

Costerfield Co. Past fortnight:

15 tons of stone	-	7 oz.	14 dwt.
173 " tailings	-	46 oz	4 dwt
buddle	-	8 oz	12 dwt.

Antimony ore: 40 tons.

Shaft is down 102' from last level, 8' more to sink; then 430' from
surface. In driving south in the 320' level a reef has been struck
18" wide, with good antimony ore.

Major's Line Reefs. Holding out great promise to the many claimholders
who have large paddocks of quartz ready for crushing. Machinery being
erected on a tributary of Major's Creek, near prosp. claim, on the original
Major's Line Reef. Decline from the claim to machine will be used for
tramway. In prosp. claim is a reef of quartz 6' thick yielding average
of 14 dwts. per ton. Another reef in same claim being worked, is not so
thick but very much richer in quality. Original reef has been traced
for 8 or 9 claims on one end of prosp. claim, and 2 or 3 on the other end.

1/2 mile east of Major's Line reef: Canadian Reef, traced for considerable
distance. The gold-bearing stone is a mixture of quartz and sandstone, it
appears the whole hill for a considerable width will pay well for crushing.
The dirt in the interstices of the rock contains sufficient gold to pay for
washing, the hopper stones are put aside for crushing.

Morning Light claim, No. 1 north showed no visible gold, but, when crushed
turned out 2 grs. of gold. In this claim gold has been traced along surface
for considerable distance, many yards wide. No. 2 and 3 north purchased by
Mr. Field. In No. 3 the line dips into gully. Opposite, gold has been
struck in No. 4 north. Application for registration of another prosp. claim
made. Locality holds out great promises. Township being built.

9 - 9 - 70

After the flood children found a piece of gold and quartz worth £2.

23 - 9 - 70

Leading article on Mining and Land Laws.

30 - 9 - 70

Costerfield Co. Past four weeks:

52 tons of stone	-	23 oz.	6 dwt.
340 " tailings re-crushed	-	73 oz.	18 dwt.
buddle		14 oz.	16 dwt.

Antimony ore: 80 tons.

On the south level the reef is 2' wide, ground very hard. The shaft has
been bottomed, cross-cut drive advanced 16' towards the expected reef.

Peter's Gully Reef. Company formed to resume work. In early winter workings
were flooded and choked by sand and mullock.

- 7 -

30 - 9 - 70

Mocrabee Prospecting Party. Harwood and Robertson sinking through immense layer of cement in basin between Mocrabee, Langwoonar and Shandygaff. Sinking shaft on south slope of Bald Hill, to a depth of 70'. After reaching 60' they struck a strata of heavy water-worn boulders intermixed with the cement.

7 - 10 - 70

Red Hill, Neil and Robinson: 30 tons of stone crushed produced 70 oz.
Major's Line Reefs. One or two promising new discoveries. Old lines looking well.

Costerfield Co. 26 - 9 - 70

Quarterly Report, ending 31.8.70

Revenue from gold:	£1501	
Stone crushed:	242 tons, which yielded	81 oz.
Tailings re-crushed:	1082 tons "	264 oz.
Buddle		31 oz.
Total:		376 oz.

Deepening of the shaft completed. Cross-out drive commenced at 420' from surface in direction of the expected reef; the cross-out is in 20', and it is estimated that 70' of cross-cutting will be required to reach the reef. The drive in the 320' level has been carried south 62', now 612' from shaft bottom, and in a reef 2' wide containing antimony. Driving ground very hard. Prospects favourable.
Notice of application for mining lease, Lower Costerfield, £1,000, to erect furnaces for antimony smelting. (Ed. Hughes).

14 - 10 - 70

Costerfield Co. Past fortnight:

27 tons of stone	-	16 oz. 4 dwt.
165 " tailings		41 oz 8 dwt.
Buddle		6 oz 4 dwt.

Antimony ore: 40 tons.

Cross-out drive towards the reef is now in 30'; south level is 642' from the shaft, reef 18" wide; stopes contain good antimony ore but very little gold.

Antimony smelting. 4 more furnaces to be erected by Ed. Hughes at Lower Costerfield. The soft granite found near the Hanging Rock appears to stand the most intense heat; to be used for furnaces.

Red Hill, Neil and Robinson: Cake of gold, weighing 70 oz., lost only 12 dwt. in smelting.

Notice of application for gold mining lease: South Myrtle Creek Quartz MINING Co., Myrtle Creek.

21 - 10 - 70

Long Gully Reef taken up again, renamed Bismark Reef. Stone which would turn out 10 oz. per ton was left in bottom, at 280' depth.
"Bug" Reef, Redcastle, turning out great riches. Several good crushings. 40 tons of mullock yielded 70 oz. of gold.

- 8 -

28 - 10 - 70

Majorstown. Name of settlement at Major's Line Reefs. Crushing engine started work.

Costerfield Co. Past fortnight:

36 tons of stone - 20 oz. 10 dwt.
178 tons of tailings 30 oz. 4 dwt.
Buddle 6 oz. 12 dwt.
Antimony ore: 40 tons.

Level going south has been driven 18', reef 1' wide; cross-cut towards expected reef has been driven 10'. Ground very hard.

Notice of application for mineral lease Lower Costerfield, 20 acres, gold and antimony.

11 - 11 - 70

Costerfield Co. Past fortnight.

39 tons of stone - 15 oz. 12 dwt.
136 " tailings 22 oz. 4 dwt.
Buddle 4 oz. 10 dwt.
Antimony ore: 50 tons.

Level going south advanced 25', cross-cut 7' further, now in 47'. It is expected that 23' further the reef will be touched.

18 - 11 - 70

Long article emphasising the importance of keeping records of all abandoned mines, as these records would be very valuable perhaps 50 or 100 years later when the mine might be taken up again with more modern and efficient machinery.

Red Hill, Neil and Robinson: 72 tons yielded 16 oz. 15 dwt. after melting. The cake only lost 1 oz. 13 dwt. in melting.

Majorstown. A crushing from the Lalla Rookh Reef gave 1 oz. 10 dwt. per ton. Mr. Field's quartz trial crushing, from a new reef, turned out less satisfactory than expected.

25 - 11 - 70

Costerfield Co. Past fortnight

18 tons of stone - 7 oz. 4 dwt.
160 " tailings 32 oz. 17 dwt.
Buddle 3 oz. 10 dwt.
Antimony ore: 50 tons.

Level going south carried on further 17', cross-cut 4'.
Mining By-Laws published.

- 9 -

2 - 12 - 70

Majorstown Reefs. Canadian Line: 10 tons of quartz yielded 9 dwt. 18 grs. per ton retorted gold, from the same shaft as 50 tons crushed by Mr. Field's machine yielding only 4 dwt. per ton.

Redcastle. 78 tons from Great Northern Reef turned out 81 oz. 11 dwt. of smelted gold. Sold for £4.1.3. per oz. This new reef is 2' thick, looking as well as ever. Another new reef opened not far from Great Northern; trial crushing of 20 tons yielded 15 oz. of smelted gold, highly payable.

Another new reef near Beautiful Venice between Redcastle and Staffordshire Flat; trial crushing of 50 tons gave 40 oz. of smelted gold.

Old Hit-or-Miss claim to be worked again by a new company. One of the best reefs in the district, only partially worked.

Notice of application for gold mining lease: Greenock Company, Horn Shoe Bend, £3,000

9 - 12 - 70

Costerfield Co. Past fortnight:

42 tons of stone	-	12 oz. 12 dwt
211 tons tailings		26oz. 8 dwt
Buddle		5 oz 8 dwt.

Antimony ore: 46 tons.

Cross-cut drive is 63' from bottom of shaft; expected reef should now be close.

23 - 12 - 70

Red Hill Neil and Robinson: 80 tons - 180 oz.

Costerfield Co. Past fortnight:

39 tons of stone	-	5 oz. 12 dwt.
198 " tailings		35 oz. 4 dwt.
Buddle:		4 oz. 10 dwt.

Antimony ore: 43 tons.

The expected reef has been struck in the cross-cut at 82' from the shaft, but it is here only 3" wide; it is being followed up south.

30 - 12 - 70

New reef discovered under the mullock of the old Argyle Co's claim.

Said to be of a good thickness, well defined, very rich.

Costerfield Co. Quarterly Report, ending 30.11.70:

Revenue from gold: £1296. Stone crushed - 172 tons.

Yield: 81½ oz. (9½ dwt. per ton). Buddle: 35 oz. Tailings re-crushed: 980 tons,

Yield: 200½ oz. (4 dwt. per ton). Revenue from antimony ore: £4,098.

Reef met in cross-cut shows quartz and antimony, but no gold. The drive going south in the 320' level is now 685' from bottom of shaft. Stopes above this drive yield considerable amount of antimony ore, but very little gold.

Long Gully. From a few tons of stone: 30 oz. of gold.

Wild Duck, Pye's Reef: yield 120 oz.

Reilly and Co. Small paddock of stone yielded over 2 oz. per ton.

Prospects of quartz mining generally looking up.

McIVOR TIMES 1869

WHROO

28 - 12 - 68

Carr's Reef, Bailey and Thompson's claim: 4 tons of quartz yielded 4 oz. 18 dwt., pays well.

Chinaman's Hill, Sauthers and Thompson's: 4' in thickness taken for crushings, reef payable.

Albert Reef: 3 tons - 4 $\frac{1}{2}$ oz.

2 " 2 $\frac{1}{2}$ oz.

Welcome Reef. Jones and Co.'s. 11 tons - 13 oz. 5 dwt.

Victoria Reef: 7 tons - 14 oz. dwt., pays well.

Head of Nine Mile rush increasing, 20 claims taken up, depth 25', washdirt 18 $\frac{1}{2}$ thick. From prospector's claim 9 dwts. per load. Sinking near surface about 3' very hard cement.

4 - 1 - 69

Nine Mile rush gets on slowly. Two holes bottomed on lead, at 23', getting payable gold. Sinking and driving are very hard. 3 holes bottomed higher up, at 16 - 17', gold not payable in two of them.

11 - 1 - 69

Thompson's Reef, Fontainbleau: 16 tons or rubbish - 4 dwt. of gold per load payable.

Nine Mile rush: very slow. Payable gold is got for 100 yards in length, but not traced further, several holes bottomed, shallow.

25 - 1 - 69

Nine Mile rush almost deserted for lack of water. 2 abandoned reefs near Fontainbleau taken up.

1 - 2 - 69

Prospecting on Ballarat Flat, gold being got in 27' sinking; extended claim is taken up, others marked off between it and the old workings.

Old Kilmore Road Reef: Crushing yielded over 1 oz. per ton, pays well, reef for years idle; vein 8" thick.

Prospecting at old cement workings, McIvor Road, 3 miles from Whroo. Payable gold.

8 - 2 - 69

At the 50' Flat, below Sellars: Puddling claim taken up, sinking on it.

Good patches of ground have been worked nearby.

Bradley and Co. took up a 50 yd. claim on cemetery lead to prospect for the lost lead, and are driving across the claim.

15 - 2 - 69

Prospecting at Cemetery Gully and 50' Flat.

Near White Hills, old reef taken up.

Payable gold in old Kilmore Road rush.

- 2 -

1 - 3 - 69

Lack of rain hampers mining activities more than ever.
5 tons of cement from lower end of lead at Spring Creek yielded 10 dwt.
per load.

Albert Reef, Darrook and Co.: 5 tons of quartz scarcely paid expenses.

8 - 3 - 69

Welcome Reef. 8 tons of quartz yielded 29 oz. of gold, pays well.
Old reefs near Thompson's farm, at White Hills, and Fontainebleau taken up
again.

Many old reefs, idle for 7 or 8 years, are worth trying.

15 - 3 - 69

Cemetery Lead. Several claims taken up. Gold likely to be traced down to the
40'; $\frac{1}{2}$ dwt. per tub is being got 250 yards below old workings. Payable gold
got at lower end of 40'.

29 - 3 - 69

Clarke and Doyle's old Reef, Kilmore road, 7 miles from Whroos: 2 more claims
taken up.

5 - 4 - 69

Balaclava Hill. Lewis and Mensies, and Law and Darrook, commenced crushing
after long lull owing to drought.

Carr's line of reef, Bailey and Thompson: 10 tons of quartz yielded 5 oz. of
gold.

Chinaman's Hill, Manuel and Thompson: 37 tons, 10 oz., vein 4' thick.

John Russell found payable gold $\frac{1}{2}$ mile beyond Thompson's Farm, on 9 Mile Creek
and $\frac{1}{4}$ mile from his former rush; has taken up extended claim, sinking 9', gold
very coarse, prospects averaged $1\frac{1}{2}$ dwt. per oil-can. 60 miners on the ground,
likely looking for gold to prospect.

12 - 4 - 69

Russell's new rush not as well as expected. Gold got in several claims, but
ground very patchy though gold heavy.

Scotchman's Hill: New reef discovered by Bailey and Fellel. Gold visible in
stone, good prospects in dish, reef thick.

Coy's Diggings, near Welcome line: New reef discovered by Mason and Prescott.
Trial lot yielded 18 oz., vein is thin but pays well.

Welcome line of reef: Jones and Co. found another vein on prospecting claim.
Rich stone.

19 $\frac{1}{2}$ 4 - 69

Balaclava Reef. Better stone in 310' workings. Vein 2' thick, but 3' are
taken for crushing.

Scotchman's Hill. 2 other claims taken up on Bailey's line of reef.

26 tons of quartz from an old claim, near Lewis' farm, yielded 12 oz.

New vein discovered (Dare and Baseley), likely to pay well.

Russell's new rush: Very slow.

Mining in general much brisker.

- 3 -

26 - 4 - 69

Scotchman's Hill. Bailey and Felle's new reef: trial lot, 1 ton of quartz, yielded 2 oz., payable.
Victoria Reef, Albert and Co.'s claim: 6 tons of quartz yielded 7 oz. 4 dwt., payable.
Spring Creek. Back and Co. 34 tons of quartz yielded 28 oz.
White Hills: Abandoned reef taken up. Payable quartz.
Russell's rush improving, payable gold nearer the McIvor road than the old rush.
Balaclava. Small quantity of water struck at 310' (level)
Mining in district steadily improving.

10 - 5 - 69

Welcome Reef, Jones and Co.'s prospecting: 8 tons of quartz yielded 24 oz.; vein thin.
Chinaman's Hill: 25 tons - 4 $\frac{1}{2}$ dwts. per ton. Reef 4' thick.
Buffalo: Gold in cement, 30' sinking.
Russell's rush. Some more claims near McIvor road payable.

17 - 5 - 69

Rush to Buffalo Range, 4 miles from Whroo, has greatly increased. 80 miners on ground. Only 1 hole bottomed besides the prospectors'.
Mason and Co. 7 tons of quartz yielded 23 oz. 9 dwt.
Happy-go-lucky reef. Vogelsang's old claim taken up.
Dare has taken up a 40 yard claim on old reef close to main road, outside the Balaclava leased ground, getting very rich stone on surface. Vein 5" thick.
Balaclava. Most miners left, main works now let by contract. Drive at 300' level, 5 x 4', 50' long.
175 " 6 x 4', 50' "
Sinking a shaft 60' deep, 5 x 5'.

25 - 5 - 69

Nine-Hill, Norton and Co.: 13 tons of quartz from an old reef yielded 3 oz. 17 dwts.
Spring Creek: 52 loads of cement yielded 47 oz. 7 dwt. 35 ozs. previously taken out by washing.
Balaclava, Dare's new claim looks well. Gold visible.
White Hills: 3 old quartz reefs taken up again by 13 miners. Reefs have been re-named: Chinaman's now - Evening Star
White's old reef - Iver's Reef
Law's Hill Reef - Royal Standard.
Buffalo Rush fallen off considerably. Gold not payable.

31 - 5 - 69

Balaclava, Dare's, 9 loads of quartz yielded 3 oz. 9 dwt., payable. Large quantity of other metals mixed with gold.
Parson's Gully. A reef being tried. Nice gold.
King David Reef on Gillespie Hill being worked again.

- 4 -

7 - 6 - 69

Alluvial miners busy, prospects improving. Prospecting towards 9 Mile Rushes, gold is got.

Balaclava. Payable quartz in new claims. Sinking below the road, will drive for the vein.

Scotchman's Hill: Bailey and Co.'s new claim: 8 tons - 2 oz. 13 dwt.

New reef discovered 7 miles from Whroo Spring Creek Road. Prospecting claim and 3 others taken up. Rich stone got.

14 - 6 - 69

Nine Mile Bush increasing. Many claims giving small wages, but no heavy finds. Thompson's thick reef, Pontainbleau: 104 tons of quartz - 30 oz. of melted gold.

Milners road: 29 tons - 8 oz. 7 dwt.

21 - 6 - 69

Parson's Gully reef: 3 tons of quartz - $1\frac{1}{2}$ oz.

Power's claim, Thompson's reef, Siberia: 10 tons - 4 oz.

Scotchman's Hill Bailey and Fellell: 2 tons - 2 oz. 14 dwt.

Albert Reef. Discontinued working deep ground. Try to form company to drain by machinery.

28 - 6 - 69

Old Black Reef being worked on tribute.

Balaclava, Dare's claim: $4\frac{1}{2}$ tons - 2 oz. 8 dwt. Vein 6" thick.

Nine Mile: Some claims paying well.

Claim adjoining Dare's gets payable stone in thin vein.

5 - 7 - 69

Small rush in Main Gully, below township. Payable gold in old bottom which has been worked, 14 years ago, on top of very hard cement, 6 - 15" thick.

Only one of three claims payable.

Albert Reef: Application for lease.

Nine Mile: Mining brisk, a good deal of gold got.

12 - 7 - 69

Mining steadily progressing.

Balaclava: New claim on Dare's reef.

Thompson's reef, Pontainbleau. 22 tons of quartz - 7 dwts. per ton.

Thick reef, would pay for machinery on ground.

16 - 7 - 69

Happy-go-lucky line of reef: Payable quartz.

Balaclava: $4\frac{1}{2}$ tons from new line of reef yielded 2 oz. 7 dwt.

Nine-Mile Rush steadily progressing; 350 at work. Claims yielding 5 dwt. to $\frac{1}{2}$ oz. per load. 11 loads yielded 12 oz., 2 loads of washdirt 2 oz. 15 dwt.

A nugget weighing 15 dwts. was got.

- 5 -

26 - 7 - 69

Main Gully, old ground close to Melvor roads 12 tons of cement yielded 4 oz. 4 dwt.

Chinaman's Hill, Law and Co.'s old reef: Payable quarts.

Rush to lower end of Sailor's Flat, payable gold at 18 - 22' sinking, the washdirt, a white cement, 8 - 12" thick, on a soft pipe clay bottom.

Nine Mile. Large amount of gold obtained, mainly near Melvor road. Claims payable at lower side of Lewis' paddock and beyond, at Russell's 2nd or 3rd rush.

2 - 8 - 69

Alluvial mining active.

Nine Mile. Many claims payable.

Balaclava. 3½ tons - 22½ dwt.

7 - 3½ oz. (Dare's claim, vein 6" thick.)

Balaclava reef improving.

Liverpool Reef, near White Hills: Claim taken up; crushing yielded 8 dwt. per ton.

9 - 8 - 69

Mallee Reef: 5 tons of quarts - 6 oz. 7 dwt., 12 - 24" thick.

8 miles from Whroo, 5 miles from Halfway House. 5 claims working.

Main Gully: 16 loads of cement yielded 5 dwts. per load.

Black Reef: 8 tons of quarts - 3 oz. 4 dwt.

16 - 8 - 69

Mining remains steady. Chinamen doing well at sluicing, puddling tailings. Prospecting at 40', at Sailor's Flat and Hard Hill. Old claims taken up on Carr's and Happy-go-Lucky.

White Hills. Very good specimens and payable quarts in Arthur's old reef, near Law's dam.

Happy-go-Lucky: 6 tons of quarts - 5 oz. 14 dwt.

23 - 8 - 69

Mallee Reef: 11 tons of quarts - 13 oz.

Chinaman's Hill: 20 tons " - 5 oz. 17½ dwt. (reef 18" thick).

Nine Mile: New ground opened below Lewis' paddock.

30 - 8 - 69

Kilmore Road: 7 tons of quarts from Clark and Doyle's old reef yielded 14½ oz.

Balaclava eastside, Dare's claim on new line of reef: 9 tons of quarts - 5 oz. 2½ dwt., payable.

6 - 9 - 69

Main Gully: 26 tons of cement - 11 oz., 5 dwt., payable.

Welcome Reef, Bland and Co.'s prospect. claim: 10 tons of quarts - 40 oz.

Prospecting is done at 40'.

Mining steady.

- 6 -

13 - 9 - 69

Chinaman's Hill. 6 tons of quartz - 2 oz. 9 dwt., payable.
Reg's and Co.'s claim: 9 tons of tailings and hopperings yielded 2 oz. 15 dwt.
Rush increasing; 50 miners, 3 new holes sunk, payable gold in several claims,
up to 12 dwt. per tub presumably. Sinking 40 - 55', fair workable ground.
White Hills, Arthur's old claim, near Law's dam: 4 tons of quartz from a new
vein yielded $1\frac{1}{2}$ oz. per ton, pays well.
Applications for lease on Malakhoff, gold and antimony ("North Balaclava Quartz
Mining Co.")

20 - 9 - 69

Forty-foot rush increasing. 200 miners, 14 holes being sunk, 4 holes bottomed,
all being driven, not payable gold yet.

27 - 9 - 69

Kilmore Road: 7 tons of quartz - $10\frac{1}{2}$ oz., pays well. Applying for new lease
on this line.
Forty Feet: 4 loads of washdirt containing cement yielded 2 oz. 5 dwt.
do. from adjoining claim: 3 oz. 3 dwt. pays well. Other
claims: "looking remarkably well, payable"; lower down the flat.
Chinaman's Hill, Mamel and Co.: 22 tons of quartz - 13 oz. 5 dwt., about
payable, reef 12" thick.

4 - 10 - 69

Union Lead (ex Forty Feet): several holes bottomed, payable gold. 3 loads
of washdirt, 2' thick, yielded $19\frac{1}{2}$ dwt.

11 - 10 - 69

Balaclava. Lewis and Co.'s workings: Much richer quartz in an east and
west vein crossing the main reef. Vein so far not very thick; gold about
190' from the surface.
Albert Reef. Darrook and Co.: Much richer quartz, and antimony in quantity.

18 - 10 - 69

Union Lead, upper end: 14 tons of cement - 7 oz. 8 dwt.
Main Gully and Union Lead: 18 tons of cement - $12\frac{1}{2}$ oz.
Balaclava, Dave' and Co.: 14 tons of quartz - 6 oz. $5\frac{1}{2}$ dwt. of smelted gold.
Nine Mile, Lewis' paddock: 11 loads of cement - $5\frac{1}{2}$ dwt. per ton, payable.
Very large quantities.
Balaclava, Lewis and Co.: Very rich stone.

25 - 10 - 69

Friesland Reef, 7 miles from Whroo: 6 tons of quartz yielded $17\frac{1}{2}$ dwt. of
smelted gold per ton. Shaft being sunk on prosp. claim 100' deep, payable
quartz.
Main Gully. 24 tons of cement paid excellent wages.

- 7 -

5 - 11 - 69

Balacava, Lewis and Co.: 118 tons of stone and 8 from a new open cut 20' wide on the wouth side yielded 1 dwt 17 gr. per ton. Good profits. Mining steady.

15 - 11 - 69

Mining quiet.

Prince of Wales claim: Trial crushing of $1\frac{1}{2}$ tons of quartz yielded 1 oz. 7 dwt. payable.

Union Lead: 6 loads of cement yielded 2 oz.

Nine Mile rush decreasing steadily.

22 - 11 - 69

Coy's Diggings, Cousin Jack Reef: 8 tons of quartz yielded 74 oz. 12 dwt.
Dawn of Hope, Fontainbleau (Thompson): 60 tons of quartz - 62 oz.

8 - 12 - 69

Sailor's Flat: Several parties working. 2 or 3 nuggets weighing up to 11 dwt.

Siberia: 17 tons - 19 oz. 6 dwt.

Scotchman's Reef: Trial crushing 2 tons - 2 oz. 15 dwt.

Johnson's line of Reef: 28 loads - 5 oz. 14 dwt.

13 - 12 - 69

Rush in a new gully near "Mary Taylor's Creek", 2 miles west of Nine-Mile. A hole bottomed at 15' depth, 6 gr. from 2 dishes of dirt; washdirt 8" thick.

27 - 12 - 69

Coy's Diggings, Cherry Tree Hill: 1 ton - 3 oz.

Scandinavian Reef: 10 load. 5 oz. 7 dwt.

Scotchman's Reef: 4 tons - 3 oz. 15 dwt.

Union Lead: Cement paying good wages.

White Hills: Report of 8 oz. of gold from 8 dishes of dirt.

Gold consisted of 3 nuggets, weighing 6, $1\frac{1}{2}$, $\frac{1}{2}$ oz. A rush obtained no further gold.

MOIVOR TIMES 1870

WHROO

11 - 1 - 70

Stockyard Reef (Lewis and Menzies). New reef opened. Very good prospect
Names "Little Balaclava Reef".

25 - 1 - 70

Before mentioned reef: Vein 6" thick, small blocks of antimony now and then.
Mary Taylor's Creek rush revived, as several holes bottomed on gold.
Prospects only 2 - 3 gr. per dish.

7 - 2 - 70

Mary Taylor's Creek rush almost deserted. Rush in old Whroo township, below
Victoria Hotel. One party for some months, made good wages. Washdirt of pretty
good thickness.

Old Johnson's Reef line: A little gold, very nice antimony.

Little Balaclava (tributors) Crushing 17 loads yielded 5 oz. 12 dwt. 18 grs.

Albert Line: Very fine antimony, exported to England.

McIvor Times 1871

6 - 1 - 71

Costerfield Co. Past fortnight

34 tons of stone - 13 oz. 12 dwt.
267 " tailings 37 oz. 18 dwt.
Buddle 4 oz. 10 dwt.
Antimony ore: 61 tons.

The reef struck in the cross-out is widening, now 8" at 20' from where it was struck; contains antimony ore and gold-bearing quartz; ground soft and easily wrought.

Red Hill, Neil and Robinson have struck an exceedingly rich run of quartz at the bottom of their workings.

20 - 1 - 71

Costerfield Co. Past fortnight

Gold: 26 oz. 13 dwt; antimony ore: 30 tons.
New reef now 18" at 40' south, looks well for gold and antimony.

Major's Line. Field's crushing machine sold to Greenshield, owner of the other machine. Old Major's Line Reef has been taken on tribute by working miners.

Graytown. (Rumour of a remarkably) Reports of one or two discoveries in quartz. Fair average business in alluvial gold.

27 - 1 - 71

Graytown. Rumour of a remarkably rich reef discovery.

3 - 2 - 71

Costerfield Co. Past fortnight

Gold: 39 oz. Antimony ore: 40 tons.

Lowest level going south is now 60' from crosscut. Reef is still dry and broken up. In the rise, which is now 41' up, it averages 1' wide, the ground being easily wrought is payable.

Redcastle. From a reef formerly held by McPherson and Nelson: 10 tons of stone produced 70 oz. of smelted gold. Many reefs only require skill and perseverance to make them pay.

10 - 2 - 71

Red Hill, Neil and Robinson: 50 tons of stone - 157 oz.

17 - 2 - 71

Costerfield Co. Past fortnight:

45 tons of stone - 28 oz. 5 dwt. 287 tons, tailings - 65 oz. 3 dwt.
Antimony ore: 50 tons.

Low level driven south 20'. Reef averages 18" width. The rise is up 60'. A hard bar was met for 5', but a good solid reef has again appeared containing excellent antimony. Considerable improvement in the reef. Mine looks well.

- 2 -

10 - 3 - 71

Peter's Gully, Union Jack Co.: During past fortnight, tributars met a run of magnificent quartz. Reef is 3' thick, stone improves in richness. From present crushing 200 oz. expected.

Red Hill, Neil and Robinson: Fallen off, but reef is expected to be found again. Ground taken up by Ross and Hodgson is looking first rate. Reef 3 or 4' thick, expected to turn out 1 oz. per ton.

Caledonia Gully: "Energetic" started to be worked; very fair prospect in the shaft now being sunk. Pomeroy struck a leader containing good prospects on the hill behind Baldwin's store.

Notice of Application for gold mining lease: Bonaventura Gold Mining Co., Peter's Gully, adjoining Union Jack Co.,

17 - 3 - 71

Costerfield Co. Past fortnight:

60 tons of stone - 37 oz. 10 dwt.

137 " tailings 19 oz.

Antimony ore: 40 tons.

The 420' level has been carried 14' south; lode still 3' wide.

Revival of mining prosperity, very promising.

Long Gully Reef: Party doing well

Old Duke of Edinburgh Reef again in work, very promising.

Norris' Reef. Was most profitable 9 or 10 years ago. Reef was lost, search went on in wrong direction. Reef abandoned. Now taken up again. Reef found in the hanging wall.

Old White's Gully Reef taken up again. Doing well.

Red Hill. Ross and Hodgson's claim looks well.

Energetic again at work, promising well.

Costerfield: New company formed. No details.

Peter's Gully Mine looking splendid. The tributars in the south portion getting capital stone. Reef continues to improve in width and richness.

24 - 3 - 71

Peter's Gully Line of Reef: Undoubtedly the best in the district. Has been tried with great success for 600 yards, at both ends of which the company and tributars are getting gold in big quantities. 4 men raised in 8 weeks 100 tons of stone yielding 175 oz. of gold. Reef is 6' thick, well defined between 2 good walls, and carried gold from surface to lowest level. Has continued to increase in richness, going down.

31 - 3 - 71

Costerfield Co. Past fortnight:

65 tons of stone - 21 oz. 10 dwt.

270 " " tailings 39 oz.

Antimony ore: 60 tons.

The 420' level has been carried south 21' being 127' from the cross-cut; lode 18" wide, containing more quartz than antimony, not rich in gold.

Majorstown. Several parties left but prospects on the whole encouraging.

During past 4 weeks: 410 tons of stone yielded 200 oz.

- 3 -
31 - 3 - 71

Costerfield Co. Quarterly Report, ending 28.2.

Revenue from gold: £1,509.
Stone crushed: 272 tons, yield: 139 oz. 4 dwt. (10 dwt per ton)
Tailings recrushed: 1480 tons, yields: 245 oz. 10 dwt. (3½ dwt per ton.)
Revenue from antimony ore: £5582.
Lode has been met with at 420' level, followed south 127', width 12" and 2',
a good deal of antimony and some gold. Rise put up at 10' from cross-out;
this is up 80', has opened up ground for stoping, which will be payable,
containing antimony and gold
2 notices of application for license to cut a race and construct a reservoir:
The Meadow Valley and Wild Duck Water Supply and Sluicing Co., Wild Duck Creek
north east and south west, 12 miles; Meadow Valley, 70 acres. Reservoir 50 a.
2 r. 29 p.; 193 million gallons.

7 - 4 - 71

Between Wattle Flat and Wild Duck Creek a party found gold, but not
payable 14 years ago. Returned now, dug again.
Notice of application for gold mining lease: The North Myrtle Creek Quartz
Mining Co., Parish of Lyell.

14 - 4 - 71

Majorstown. Large quantity ready for crushing. Prospects improving.
Redcastle. Prospecting on the road to Tait and Hamilton's resulted in
5 tons from a large reef cropping out on the surface, yielding 4 oz.
Machines have been tolerably well employed.
Costerfield Co. Past fortnight:
45 tons of stone - 21 oz.
320 " tailings 38 oz. 12 dwt.
Antimony ore: 50 tons.
The 420' level is now 150' north. Lode 18" wide, payable, though not rich in
gold.

21 - 4 - 71

Nugget found, of solid gold, 16 oz.
Union Jack Co. have struck remarkably rich stone in two parts of the ground.
No shares to be had. Another lease applied for on this line.
Costerfield Co. A splendid run of gold and antimony has been crossed at
the lowest (420') level, 170' south of the shaft. Exceeds in richness anything
previously obtained from this mine.
Notice of application for gold mining lease: Felix Quartz Mining Co.,
Mother Chimholm's Gully. £5,000.

28 - 4 - 71

Costerfield Co. Past fortnight: A vein of gold struck in 420' level
8 tons of stone from this vein yielded 45 oz. This rich vein was left above
head and below foot. Average yield: From 66 tons of stone 66 oz. 5 dwt.
253 " tailings 22 oz. 15 dwt.
Antimony ore: 50 tons.
320' and 420' levels being carried north as usual.

28 - 4 - 71

Union Jack Co. raising splendid stone, 10 tons per day, from the reef in the new 168' deep shaft. Consists of a well-defined lode of quartz, 18" to 2' thick, and 2 or 3' of disintegrated veins of quartz; whole stuff will have to be crushed. Reef is estimated to turn out 3 oz. per ton. When ground opened more stone will be got out to keep batteries supplied. Stamp to be increased. Gold visible in almost every stone.

Neptune Tributors have fine stone ready for crushing. Taking 8' of the reef in width, prospects improving, going deeper. Two more leases applied for.

Near Argyle Gully good leader found, very promising.

Butler's Reef taken up again.

Energetic, Caledonia Gully: 40 or 50 tons of stone promise good crushing result.

Wild Duck Reef, partly worked 10 years ago, taken up.

From a letter to the editor:

Alabama Co. got £300 profit in 4 months working at 430' level.

Butler's Reef, at 280' yielded 4 oz. per ton.

Long Gully Co. 8 oz. per ton from 280'

Argyle. Good crushings from bottom level.

Neptune Co., 4 men got 226 oz. in 10 weeks.

3 notices of application for gold mining leases:

- 1) Old Racecourse Line of Reef, White's Gully. £5,000.
- 2) Butler's Reef. £15,000
- 3) Wild Duck Gold Mining Co., part of Moorables run.

5 - 5 - 71

Union Jack Co. Reef in shaft looking as well as ever.

Neptune Tributors, crushing tolerably good stuff. It is expected that continued working of Union Jack will drain water from Neptune.

Energetic. Crushing gave only 3 dwt. per ton, just payable for carting and crushing, gold so fine that it cannot be saved.

Hodgson and Ross: 8 dwt. per ton; promising better.

Tooborac. Two sawyers found antimony one reef in bush. Antimony not very pure, but may improve.

Near Majorstown, from a reef on Pick and Shovel road, stone being crushed that looks remarkably well. Greensfield's machine idle for want of water. Notice of application for gold mining lease, Peter's Gully.

12 - 5 - 71

Costerfield Co. Past fortnight:

68 tons of stone - 33 oz. 10 dwt.
268 " tailings 26 oz. 14 dwt.

Antimony ore: 52 tons.

The 420' level carried further south 23'; the rich run of gold reported two weeks ago was followed by hard ground, but the lode is opening up again.

Near Sawpit Gully a quartz and ironstone reef found cropping out of the ground. Proved gold-bearing estimated at 5 or 6 oz. per ton. But reef could not be located again.

Majorstown. Stone from Canadian Line turned out 10 dwt. of smelted gold per ton, sold at Spring Creek for £3.16. per oz. Mines are looking up.

Lalla Rookh looking splendid, estimated at 5 or 6 oz per ton.

- 5 -

26 - 5 - 71

Costerfield Co. Past fortnight:

63 tons of stone - 18 oz. 2 dwt.
260 " tailings 24 oz. 8 dwt.
Antimony ore: 41 tons.

The lode going south in 420° level now 2' wide, contains antimony ore, some gold. The rich run which was crossed 4 weeks ago was followed upwards for 10°, when it terminated; it is left underfoot for a considerable distance. The lode going north in 420° level has been followed 35°, still narrow.

Bald Hill. 2 miners who had left Spring Creek sunk holes near north end of township under where surface has been worked near Bald Hill. Obtained 3 dwt. from bottom of first shallow hole. Doing very well.

Crushings: 30 tons of quartz & 10 tons of mullock - 20 oz. 10 dwt. of smelted gold.

7 tons of stone - 3 oz. 10 dwt.

Notice of application for gold mining lease: Niagara Co., Redcastle, Welcome Reef.

2 - 6 - 71

Moerabbee Prosp. Party, sunk their shaft to 90°. Sinking continues a blue cement which has been originally a blue clay mixed with slate, granite, quartz and schist pebbles. Most extensive and deep basin is filled with this cement in various stages of induration, from a soft clay to a tough cement. Round this basin are made hills, outside them again sandstone and slate crop up, covered with ironstone, quartz reefs and veins. Looking for outlet to the great basin. Mr. Selwin. Geol. Survey Dept., believes a deep lead will be found.

Sims and Co. Crushing 8½ dwt. per ton.

Energetic, looking much better.

Hodgson and Hassell; 27 tons crushed gave good wages.

Union Jack Co. crushing stone from south end of claim promising well.

Tooberac prosp. claim: 1½ oz. per ton.

Neptune tributors: Stone ready for crushing (estimate 100 oz.) looking better. Reef becoming more solid and richer with increasing depth. 4 men obtained in 4 months £1147.

Majorstown. 40 tons of stone from the Cambrian yielded 10 dwt. per ton. Water shaft deepened.

9 - 6 - 71

Costerfield Co. Past fortnight:

67 tons of stone - 23 oz. 7 dwt.
267 " tailings 26 oz.
Antimony ore: 50 tons.

The 420° level carried south 20° through a good antimony lode; north 22° further, lode narrow, country dry.

23 - 6 - 71

Costerfield Co. Past fortnight:

67 tons of stone - 17 oz. 8 dwt.
306 " tailings 30 oz. 12 dwt.
420° level 17' further south. Lode not very valuable.
420° level 23' further north. Lode 9' wide, not much value.

~~New regulations~~ relating to gold mining leases

Notice of applic. for gold mining lease: Extended south Myrtle Creek Co., junction of Coliban River/Myrtle Creek.

30 - 6 - 71

Notice of application for gold mining lease: North Easter Reef,
Horse Shoe Bend, Coliban River.

7 - 7 - 71

Costerfield Co. Quarterly Report ending 31.5.

Revenue from gold £1477
Stone crushed: 367 tons; yield 197 os. 17 dwt. (10 $\frac{1}{2}$ dwt. per ton)
Tailings re-crushed: 1508 tons " 170 os. 11 dwt. (2 $\frac{1}{2}$ dwt per ton.)
Revenue from antimony ore: £5035
Fall of antimony prices in London, diminished gold yield at the mine.
Last report: 420' level carried south to 127' from cross-out.
The lode along its course varied considerably, 3" to 18" wide, good antimony
but very little gold, except very rich run of gold-bearing quartz, crossed
177' from cross-out. Ascended in the stope only 10', when it became exhausted.
Adrive has been commenced in 420' level towards north; now 90' from cross-out,
nothing important found.

21 - 7 - 71

Costerfield Co. Past fortnight:

Gold: 70 os. 9 dwt; antimony: 100 tons.
320' level, going south: 760' from cross-out. The reef is split, one
of the divisions is followed up towards the Minerva shaft.
420' level, going south, discontinued as lode has run out at 276' from cross-out.
420' level, going north: 107' from cross-out; lode 1' wide; a little gold
visible, no antimony in payable quantity.
Working Miners' Co-operative Co. founded for re-working deep ground behind
the Hospital. First shaft bottomed, payable gold obtained, but ground gave
way, shaft lost. Intend to sink slabbed shaft.
Red Hill. Hodgson and Co. crushing from their claim.
Top of Long Gully. Solid piece of gold, 6 os., unearthed in an outside hole.
Alison Co's Mine, Lower Costerfield, looking splendid. Some of richest stone
ever obtained in this locality has been struck.

28 - 7 - 71

Prospectus: "The North Costerfield Antimony and Gold Mining Co.", to be
formed. 16,000 shares of £1.10 each. 15 acres, 600 yards along the lode of lode.

4 - 8 - 71

Majorstown Reefs. Not rich, but evidently payable. Crashings gave
tolerable wages. 83 tons from Lalla Rookh yielded an ingot of smelted gold
weighing 75 os. 2 dwt.
Costerfield Co. Past fortnight:
43 tons of stone - 18 os. 16 dwt.
249 " tailings 30 oz.
Antimony ore: 55 tons.
420' level, going north 16'; lode 2' wide, quartz, antimony, a little gold.
320' level, going south 17'; lode small.
Graytown. Mining looking up. Trial crushing of 3 loads from Leinster Lass
2 os. 6 dwt. 12 grs.; very good return, reef 2' thick.

- 7 -

18 - 8 - 71

Costerfield Co. Past fortnight:

51 tons of stone and 106 tons of tailings yielded 13 oz. 6 dwt. of gold.
Antimony ore: 55 tons.
420' level, driven north 23', distance from cross-out 146'; lode 18" wide.
Neptune tributary getting some of the finest stone ever seen. Some large pieces of stone hanging together with the gold after the stone has been broken.
London Reef. Crushing machine being erected. From 100 tons: 13 oz. of gold, a splendid return considering thickness of reef.
Great Victoria Reef. Trial crushing from cap turned out only 6 dwt. per ton. But no doubt that tolerably rich reef exists underfoot. A reef discovered by J. Thompson, 800 yards from Prosp. claim, southward. Capital prospect, reef well-defined, highly payable. May be continuation of Victoria Reef. Application to register the Strathaven Quartz MINING Co., Myrtle Creek. £5000 nominal capital.
Notice of applic. for mineral lease: Kilburn Creek Antimony Mining Co., Lower Costerfield.
do. for gold mining lease: The Endeavour Co., Horse Shoe Bend, Coliban.

25 - 8 - 71

J. Thompson's new reef (Albion) looking capital. Getting remarkably good stone, appears to improve going down. Crushing estimated at 4 - 5 oz. per ton.
Notice of application for gold mining lease: North Costerfield gold and Antimony Co. £2000

1 - 9 - 71

Costerfield Co. Past fortnight:

68 tons of stone - 11 oz. 12 dwt.
63 " tailings 8 oz 2 dwt.
Antimony ore: 50 tons.
420' level north is 164' from cross-out, reef 2' wide. The slope following the drive is very poor in gold, but 2 small rich patches were met with.
Victoria Reef, Prosp. claim: Getting out a crushing from the best spur of the reef, 10" thick, looking remarkably well. The whole reef, 8', will pay for crushing when machinery nearer at hand; the whole thickness will turn out 6 dwt. per ton. Next crushing anticipating 2 oz. per ton.
Albion Reef looking remarkably well. 10" or 1' thick, well-defined. Going down between nice walls through splendid country.
Neptune tributary, on Racecourse Reef, raising splendid stone. Believed to be most valuable quartz lode in district. Reef 7' wide, some stones in centre held together by gold.
Red Hill, Hodgson and Co: 20 tons - 3 oz.

15 - 9 - 71

Costerfield Co. Past fortnight:

88 tons of stone - 21 oz. Antimony ore: 50 tons.
420' level north: stopped.
320' level carried south towards Minerva shaft where gold was obtained some years ago. Shaft to be sunk upon the lode at the 420' level to follow the lode downwards.

- 8 -

15 - 9 - 71

Nugget: 8 oz. 3 dwt., found in Thompson's paddock, near Lake Hotel.
Sugar Loaf Gold Mining Co., Tooborag: 38 tons of quartz - 43 oz. of
smelted gold.

Albion Reef looking splendid; has been struck in No. 1 north.
Notice of applic. for gold mining lease: Cadmus Gold Mining Co., Old Butler's
Reef, Caledonia Gully. £15,000.
do. Serapis Gold Mining Co., Caledonia Gully. £30,000

22 - 9 - 71

Wild Duck: MoIvor Quartz Mining Co.'s mine looking as well as ever.

Albion Reef do., turning out good stone.

New Reef. A shepherd picked up a piece of quartz with gold in it, from a
reef between "Top Forest" and Redcastle. Prosp. claim marked out.

Golden Gully Reef taken up. Prospects tolerably encouraging.

Florance (a. White's Gully) Reef sold. A whim being erected to test the
ground below old workings, beyond 150'.

Neptune tributors crushed 80 tons of stone, yielded 106 oz. Looking as well
as ever; reef 10' thick, varies 6' to 25'. Tribute term will expire soon.

Adjoining ground promises to turn out 1 oz. per ton, very satisfactory.

Long Gully: Notice of application for gold mining lease: "Demooritus"
Gold Mining Co., £20,000.

Prospectus: The Bonaventura Gold Mining Co., near old racecourse. To work
7 acres adjoining Neptune. Northern boundary a short distance from present
Neptune workings. £5,000 (nominal)

Reef has been found near surface, from a width of upwards of 20' crushings
turned out 5 dwt. per ton. Valuable reef becomes richer, more compact and
defined as it goes down. Tributors are working at 80' depth, reef promises to
improve further going down and south.

Application for registration: MoIvor Quartz Mining Co. Capital, nominal:
£25,000; paid up: £15,550.

6 - 10 - 71

Graytown almost deserted and destitute.

Albion Reef: 30 tons of stone crushed promise to turn out $1\frac{1}{2}$ - 2 oz. per ton.

Neptune tributors crushed 10 tons of stone from present workings and a few
tons from old paddock. Turned out over 21 oz. when they expected 14 or 15.

MoIvor Co's mine: Reef looking splendid.

Red Hill. Crushing turned out remarkably well.

Notice of applic. for gold mining lease: Sandhurst and Myrtle Creek
Gold Mining Co., 30 acres, Myrtle Creek, £2000.

20 - 10 - 71

Leading articles: Prospects encouraging. Some of MoIvor's alluvial (depth)
deposits as rich as any in the known world - Golden Gully, Commissioner's Flat,
Creek Lead. Third nugget in weight and value was found at MoIvor and some of
the richest gold patches ever found in quartz veins. Concentrated riches in
quartz: patch found by John Gray on Red Hill, Willans and Co's crushing which
turned out nearly 1000 oz., and rich patches found in Rosy, Peter's, Possum
and Long Gully reefs. Still, quartz reefs have been comparative failures owing to
bad management, want of experience, dishonesty. Patchy small reefs made it easy
dishonest miners to pilfer so that some of best resources have been looked up.
One company's mine, not far from Long Gully, was robbed by workmen while manager
was on the spree. Took out billies full of specimens.

20 - 10 - 71

Golden Gully Reef gave 10 - 14 dwts. with good thickness, but did not pay when worked (too much stuff to cart and crush), lay idle for 15 years.
Old Racecourse Reef: Splendid line of reef, fished for patches with great success, but only Williams, of Peter's Gully, worked it. 10 - 35' thick, cannot possibly be all rich, but taking the good with the bad it pays handsomely; not tried at any great depth yet. Character resembles some rich claims worked at Sandhurst with great success. On this line and the London Reef at Wild Duck much of the district's prosperity depends. London Reef line improves daily; over 30' thick, widening out going down. Raising practically unlimited quantities of stone yielding 10 - 15 dwt. per ton.

Taken up, very promising.

Bonaventura Co. to sink shaft 100' on south end of the workings on Racecourse Reef. Satisfactory progress expected.

Redcastle: Trial crushing from a claim abandoned 10 years ago: 6 tons yielded 14 oz. 12 dwt. 30 tons of quartz averaged 6 dwt. per ton; reef 2' thick.

McIvor Co. came on very rich stuff in large reef at Garden Claim. Capital prospects. Large quantities of stone being raised at very small cost, the further they go the better the reef looks.

Southward Gold Mining Co. formed, Rocky Gully. Ground south of McIvor Co's. lease. Prospects to find the same reef are good. £10,000.

Albion Reef looking better than ever after a little break in the reef.

Victoria Flat. 7 acres taken up. Tolerably good dirt must be left in old ground. Many claims were driven in the bottom and much dirt left, will yield 3 - 5 dwt.

Sawpit Gully, Woolley and Son's reef looking well. Nice rich patch of stone taken out, prospect of leading to something rich and permanent. Several parties working.

Notice of application for gold mining lease: Stockyard Gold Mining Co., 10 acres, Horse Shoe Bend, Coliban River. £2,000.

do., London Quartz and Gold Mining Co., 10 acres, same locality. £2,000.

do., Sardinia Extended Quartz Mining Co., 22 acres, Myrtle Creek. £2,000

27 - 10 - 71

McIvor Co's mine continues to improve in richness. Machinery criticised by shareholder.

Albion Reef: Thompson, Lacey and Co.'s claim looking splendid.

Alison Co. struck a fine run of gold in the reef in the whip shaft, promising to turn out well; reef 18" thick. Some remarkably fine specimens of auriferous quartz, gold being distributed through them.

Prospect washed from one dish of dirt: 30 grs. of gold and stones containing gold.

Redcastle. From Collin's lease: Roberts and Co's tribute of 26 tons of quartz yielded 18 oz. Perry and Co., 7 tons of quartz from an abandoned shaft yielded 17 oz.

Notice of applic. for gold mining lease: The Middlesex Quartz Mining Co., 20 acres, north of McIvor Co's claim. £12,000.

do. Argyle Gold Mining Co., 9 acres, Argyle Gully. £4,000

Great rush to Sandhurst.

3 - 11 - 71

A few miles from Sailor's Gully a nugget, 14 oz; found. Sawpit Gully, Woolley and Son, crushed 5 tons of stone from a vein. It yielded 5 oz. per ton. This with what was crushed by hand brings gross yield to about 10 oz. per ton.

Alison Co.'s new discovery looking splendid. Reef traced for 60', looking well throughout. Crushing estimated at 2 - 5 oz. per ton.

McIvor Co.'s mine looking better than ever, esp. in the Garden Reef to the south. Prospects washed give 1 - 2 dwt. per tin dish, with many small auriferous stones. Reef 25' thick, not all equally rich, but on the whole highly payable. Machinery being erected.

3 - 11 - 71

Bonaventura Co.'s shaft down 12'.

Union Jack Co. still sinking. Hard bar, now excessively soft, difficult to work.

Rushworth. Noticeable mining activity. Abandoned lines of reef have been taken possession of. Ground pegged out in large areas. Lease applied for 20 acres on Belfast and Union Reefs, running parallel with each other, not far apart. Much gold taken out here in former years; large body of gold bearing stone in portions.

Redcastle. Niagara Co., lessees of rich reef formerly held by Clark and Geronovitch - Crushings: 15 tons from old Tarragunyah Reef: 75½ oz. of retorted gold (5 oz. per ton), plus 20 tons of mullock. Some years ago 10 oz. per ton from this claim. Ericson and Co. 20 tons - 83½ oz. smelted gold. One of the first reefs opened up here. 15 tons for 1 oz. 3dwt. per ton. 16 tons; 5 oz. 4 tons; 1 oz. 16dwt. 6 tons; 5 oz. 17dwt. 3 tons; 2 oz. Notice of applie. for gold mining lease.

1) Rosabella Stallia Quartz Mining Co., 25 acres, Horse Shoe Bend, Coliban River. £2000.

2) Caledonia Quartz Mining Co., North Easter Reef, 10 acres same locality as before. £2000.

3) 30 acres, Old Wild Duck Reef. £2000.

do. for mineral lease: 12 acres, gold and antimony, Lower Costerfield. £1,000.

10 - 11 - 71

Costerfield Co. Past 4 weeks

100 tons of stone - 33 oz. 12 dwt.

Antimony ore: 110 tons.

The shaft on the reef commenced at the 420' level is down 33', lode very small. 320' level has been carried north to a distance of 62' from cross-cut; lode improving.

Alison Co. New reef looking splendid, opened out to 70 or 80' along the reef which offers a fair guarantee of permanency. Stone indisputably rich.

Bonaventura Co. Shaft progressing satisfactorily.

MoIvor Co.'s mine, London Reef, Wild Duck, looking better than ever. 5 dwt. of loose gold washed from one dish of stuff containing many very rich stones. Reef holds out in width, improves going down. Splendid prospects.

Redcastle. Niagara Co. let contract for excavating a large dam. Machinery prepared. Another company applying for lease of ground abutting north of Niagara's. Collins sublet a portion to Victoria Tribute Co. - Crushings: 15 tons, 16 dwt. per ton. 6 tons for 3 oz. 1 dwt. 6 tons for 18 dwt.

Graytown. Exodus to Sandhurst. But several local quartz reefs being tested.

24 - 11 - 71

Costerfield Co. Past fortnight:

75 tons of stone - 18 oz. 17 dwt.

Antimony ore: 43 tons.

The shaft on the lode sunk 5' in very hard ground, reef 5". 320' level carried north 26'; lode varies, average 16"

Union Jack Co. struck the reef in shaft; 190' from surface; compact, solid run of good-looking stone, 2" thick; gold visible throughout, coarser than nearer the surface.

Bonaventura Co. Shaft down over 50'. Gold struck south of Company's ground.

Sawpit Gully. Woolley and Tilley: 8 tons for 17 oz. 10 dwt.

Swede's Gully: 5 tons for 6 oz. 15 dwt.

24 - 11 - 71

McIvor Co's mine looking better than ever. Immense heap of quartz glittering with gold.

Alison Cos Looking well, but results kept secret.

Redcastle: Proposal of a canal, Heathcote-Redcastle, the cutting would lay bare valuable quartz reefs and alluvial deposits. Collins' Hand and Band Co., applying for lease. Erikson and Co.'s shaft, which turns out 4 os. per ton, is only 30 yards from south boundary of said lease. At north end is a reef paying 2 os. per ton.

Applic. for registration: Meadow Valley and Wild Duck Water Supply, Sluicing and Gold Mining Co. Capital: Nominal £25,000; paid up: £18,750.

Notice of applic. for gold mining lease: North Star Gold Mining Co.,

20 acres, Wild Duck Creek, north of McIvor Co. £2,000

do. South Niagara Co., Redcastle. £1,000. 9 acres.

do. Beautiful Venice Co., 9 acres, halfway between Redcastle and Staffordshire Flat. £1,000.

8 - 12 - 71

Leading article: Controversy about mining leases, independent miners and wage earners.

Costerfield Co. Past fortnight:

45 tons of stone - 14 oz. 18 dwt.

Antimony ore: 58 tons.

Shaft in the reef carried down to 43', lode very hard and small. 320' level carried north 23', lode 12" wide.

Redcastle. Crushings: 4 tons for 3 os. 5 dwt. 10 tons for 17 dwt.

3 tons, 15 dwt. 30 tons, 9 os. 13 dwt.

3 lease applications: Thunderbolt Reef, 15 acres - Mariner's Reef Co., Redcastle, 9 acres - Kimbolton Gold Mining Co., Horseshoe Bend, Kimbolton, 15 acres.

22 - 12 - 71

Leading article: Criticism of mining companies act.

Costerfield Co. Past fortnight:

46 tons of stone - 15 os. 12 dwt. Antimony ore: 44 tons.

The shaft on the lode sunk 6' - 320' level driven 11'; distance from cross-cut 120'. A cross-cut is carried west in north shaft to locate any parallel reef.

Quarterly Report, ending Nov. 30

Revenue from gold: £480. Stone crushed: 404 tons; yield: 118 oz (8 dwt per ton.)

Revenue from antimony ore: £3930. 320' level north: Lode 18 - 23" wide, yielding antimony ore but very little gold. Shaft on the lode, commencing from 420' level, carried down 49', reef continues hard and thin. From north shaft drive carried west in expectation of cutting, leaders on a parallel lode.

Redcastle: Crushings: 20 tons for 59½ os. reef 3 - 4' thick.

1	"	7½ dwt.
11		4 os
9		5½ os
6		5½ os
10		5 os
6		6 os 2 dwt.

29 - 12 - 71

Leading article on the value of geologist for mining. "It is pure Pecks miffian humbug for geologists to say where gold-bearing quartz reefs may be found, and it is worse than foolery for hard-up mining companies to pay geologists to tell them where to work ... geology has done nothing to assist the miner in his search for gold ... The most ridiculous instance of asking a professional geologist to point out where gold is to be found is that of the Alison Co., at Lower Costerfield ..."

29 - 12 - 71

cont:-

"All the practical experience, gained after many years connection with mining ... is thrown aside to follow the absurd fad of a geologist, who knows just as much about it as a mosquito knows of the planet Neptune ... Shareholders are sick of the ridiculous scientific humbug. If the manager had his own way for a few months, the mine would at least pay working expenses".

Rugget found, 18 oz. 14 dwt.

Redcastle, crushings: 40 tons - 9 oz.
4 tons 2 oz 13 dwt.

Malvor Times 1872

5 - 1 - 72

Appeal for public meeting to prevent alienation of auriferous land.

Costerfield Co. Past fortnight:

50 tons of stone - 23 oz. 7 dwt.

Antimony ore: 50 tons.

Reef shaft carried down to 54'. 320' level carried north to 137' from cross-out, reef 14" wide.

<u>Redcastle</u> crushings:	5 tons	-	4 oz. 12 dwt.
	10 "		15 oz.
	3 "		13 dwt.
	6 "		10 oz.
	7 "		20 oz.
	12 "		7 dwt. per ton.
	2 "		12 oz. 4 dwt.
	5 "		4 oz. 3 dwt.
	6 "		3 oz. 5 dwt.
	4 "		3 oz. 1 dwt.
	2 "		14 ³ / ₄ dwt.

Application for registration:

Britannia Gold and Antimony Mining Co., Costerfield.

Capital, nominal: £20,000, paid up. £12,500.

12 - 1 - 72

Leading article on the subject of leasing auriferous land.

Neptuna Tribute Co. Let at 75% on all gold for 1 year.

Annual outputs: 736 tons of quartz, yielding 545 oz. 16 dwt. Owners made £545, the 4 tributors £640 clear profit. Reef average 7' thick, worked to 80' depth. The last 60 tons yielded 61 oz. 11 dwt. Again let to same tributors at 75% first year, 72¹/₂% second and third year. Prospects much brighter than at first. Larger operations planned.

Malvor Co. getting on with erection of machinery. 600 or 700 tons ready for crushing.

Bonaventura Co. to sink shaft 50' further. Present depth 72'.

Albion Reef, Thompson and Lacey's prosp. claim about to crush 30 tons, promising 2 oz. per ton.

19 - 1 - 72

Neptuna tributors intend to take out a block of stone to the north, left by former owners, after which they intend to sink a deep permanent shaft. Notice of application for gold mining lease: The Victoria Gold Mining Co., Argyle Hill. £3,000.

2 - 2 - 72

Costerfield Co. Past 4 weeks.

89 tons of stone - 64 oz. 16 dwt.

Antimony ore: 84 tons.

Shaft on the lode is down 59', of which 54' are slabbed. Lode 10" wide, gold visible.

Royal Crown Gold Mining Co., Long Gully. Machinery to be purchased.

Alison Gold and Antimony Co., Costerfield. Half yearly meeting, confirmation of directors, disposal of tailings at their discretion.

More controversy on sale and use of auriferous land.

Notice of applic. for gold mining lease: Golden Fleece Gold Mining Co., Horseshoe Bend, Coliban River, south of A.G. Miller's lease, No. 1335. £500.

- 2 -

16 - 2 - 72

Costerfield Co. Past fortnight:

68 tons of stone - 32 oz. 10 dwt.

Antimony ore: 52 tons.

Shaft on the lode sunk 6', lode 12". - 230' level carried north 18', and a splendid reef 4' wide, antimony ore and quartz, has come in.

Redcastle. Leaseholders working vigorously. Niagara Co. soon to open up their ground.

Notice of applic. for gold mining lease: The Red Hill Quartz Mining Co. £3000.

23 - 2 - 72

Redcastle. Most of payable quartz on mining leases has been extracted to a considerable depth. Another ironical attack on geologists, as being useless in search of gold. Crushing: 12 tons - 45 oz.

McIvor Quartz Mining Co. Considerable alterations of machinery necessary.

1 - 3 - 72

Costerfield Co. Past fortnight.

73 tons of stone - 49 oz. 12 dwt.

Antimony ore: 50 tons.

The underlie shaft sunk 7', and slabbed 15'; it is now down 72', lode 1' wide.

230' level: Lode 5' wide, principally quartz, but not rich in gold; this drive is in 30' north from cross out.

8 - 3 - 72

Bonaventura Co. (Past fortnight.)

Shaft sinking now in better ground, depth 115'.

15 - 3 - 72

Costerfield Co. Past fortnight:

70 tons of stone - 35 oz. 2 dwt.

Antimony ore: 49 tons.

Shaft sunk 10', depth 82'; the lode in the shaft is now showing more antimony

420' level: 19' further north, lode much broken up.

230' level: 38' from cross-out, the blow of ore has terminated, and the walls nipped in.

Near head of Parson's Gully a capital reef reported to have been discovered by Wilkinson and Co.

Victoria Reef crushing turned out nearly 1 oz. per ton.

McIvor Co. still sinking shaft. Engine ready.

22 - 3 - 72

Leading article on McIvor Quartz Mining Co., formed 6 or 7 months ago to work a reef at Wild Duck Creek. Rich and wide reef at south end discovered, added considerable value to property. 600 tons of highly payable stone waiting to be crushed. Machinery was considered not satisfactory. Squabbles between Melbourne promoters, local directors, and manager, hold up commencement of work. Shareholders impatient.

22 - 3 - 72

- 3 -

29 - 3 - 72

Costerfield Co. Quarterly report, ending 29th Feb.

Revenue from gold: £868.

Stone crushed: 371 tons; yield: 200 oz. 18 dwt. (11 dwt. per ton).

£70 was obtained for gold from a party of Chinese for cleaning up the Minerva battery house.

Revenue from antimony ore: £4020.

The shaft on the lode at the 420' level carried down to 94' from that level.

Lode 8" wide, quartz and antimony. 230' level opened out north, it is now 50' in, and after passing one of the usual blows 4' wide, it narrowed in, now 1' wide, and getting wider than usual in the mine.

320' level is in 160' north, lode 12" wide.

420' level is in 225' north. Lode is much broken up.

5 - 4 - 72

Leading article protests against granting of mining leases to persons and companies which do nothing about it, such as Kitto and Carpenter, Butler's Alabama and part of Long Gully's reefs.

12 - 4 - 72

Costerfield Co. Past 4 weeks

158 tons of stone - 28 oz.

Antimony ore: 92 tons.

Shaft on the lode now down 98', of which 91' are slabbed. Lode improving, 1' wide, good stoping ground. 230' level is 64' from cross-out. Lode 1' wide.

19 - 4 - 72

Conet Lease, Lower Costerfield. Tenders invited for shaft sinking to water level.

26 - 4 - 72

Consideration of forming a company to work Caledonia, Butler's and Long Gully Reefs (see 5 - 4).

McIvor Co. commenced crushing. "One of the best properties in the district one of the most ridiculous muddles in the colony". Directors and promoters at loggerheads.

Costerfield Co. Inspection through Sub-Committee of Directors. In excellent order, mine worked well, profitable work for years in view.

Past fortnight: 64 tons - 17 oz. 12 dwt.

Antimony ore: 50 tons.

230' level carried north 8', now 72' from cross-out.

Bonaventura Co. Shaft is now down 121', timbered and centered. Tenders called for driving a cross-out east, 6'x 3'6", 100' or strike the reef. Prospects good. Neptune tributors get 8% from proprietors.

3 - 5 - 72

McIvor Co. Crushing: 2½ dwt. per load of 15 owt. If done less slovenly, the paper alleges, the yield would have been about 5 dwt. or more. Reef 25' thick.

Albion Reef. Crushing going on.

Victoria Reef, Wild Duck, looking remarkably well.

Graytown. Several quartz claims marked out.

- 4 -

20 - 5 - 72

Hall and Marchesi crushing stone from their tribute next to Bonaventura Co.
Albion Reef, Thompson and Co., 55 tons of stone - 47 oz.
McIvor Co. still muddling.
Bonaventura Co. Cross-cut drive in fine-looking country.
Red Hill: Murphy and Co. crushing stone, looking well.

17 - 5 - 72

Leading article on McIvor Co.: Shareholders' meeting called to discuss mismanagement.
Redcastle crushings: 10 tons - 50 oz.
27 54 oz.
But many parties earned only small wages, and stone from Graytown was not worth the cartage.
Niagara Co.'s Mine, Redcastle, has been pumped out. Great quantity of mullock raised, will be crushed by the company.
Christmas Lease, do., abounds in gold and antimony.

31 - 5 - 72

Union Jack Co. obtained a cake of gold weighing 50 oz.
New reef at head of Possum Gully, continuation of Shakespeare's old reef. Looking remarkably well.

7 - 6 - 72

Costerfield Co. Past fortnight
70 tons of stone, recrushed, yielded 32 oz. 15 dwt.
Antimony ore: 50 tons.
The underlie shaft has been sunk 12', depth from surface 542'. Ground is good for sinking, lode 15" wide, composed of quartz, gold, and a little antimony ore.
McIvor Co. Drive at bottom of shaft is in 12'; reef is better defined, 2' thick. Stone in old workings to be tried which is said to be able to yield $\frac{1}{2}$ oz. per ton. Local directors will decide whether driving in lower level will be continued.
Notice of applic. for gold mining lease: The Emerald Lease Co., Racecourse Reef 12 acres, £1000.

14 - 6 - 72

McIvor Co. obtained a cake of gold weighing 64 oz. 13 dwt. from heap at Garden claim, estimated at 3 - 4 dwts. per ton, will pay handsomely. Reef 5' thick near engine-shaft, looking well.
Red Hill. Capital stone struck in Murphy and Co.'s claim.
Redcastle. Report that a Costerfield mining company offered the Government if a railway would be built from Kilmore, carriage of 140 tons of antimony per month.
Niagara Co. to sink main shaft 50' deeper. Upper levels pretty well explored. Company not likely to get returns for outlay unless sinking at least 200' deeper.
Christmas Lease Co., at 120' depth, uncovered a reef which appears to contain a good deal of antimony.

- 5 -

14 - 6 - 72

Crushings: 10 tons - 22 oz.
36 23
10 13 oz 2 dwt.
16 7 5
13 2 6
35 7½ dwt. per ton; reef 3' thick
20 40 oz., obtained by 5 men in 4 weeks.
4 2 oz 12 dwt
7 8 5
3 2 oz
5 tons quartz and mullock: 1 oz. 13 dwt. (South Niagara Co.,)
Mullock crushing proves payable.

21 - 6 - 72

Costeffield Co., Past fortnight:

63 tons of stone -- 21 oz. 4 dwt.
Antimony ore: 60 tons.
The underlie shaft sunk 18' in soft ground, a hard bar has now come in.
568' from surface, to be sunk other 60'

28 - 6 - 72

Bonaventura Co. have struck the hanging wall of the reef. Gold on the footwall to which there is yet some distance to drive.

5 - 7 - 72

Another article on mismanagement of McIvor Co's., mine.
Bonaventura Co. Cross-cut drive struck the reef.
Head of Wappintake Creek: Old antimony mine taken up again.
Neptune Tribute Co. began to sink a new shaft, down 25'. Prospects in old workings very encouraging.
Head of Possum Gully. Fyfe and Co.'s claim looking splendid. Stone ready for crushing.
Union Jack looking better than for some time. Plant too far north. The further they go, working south, the better the prospects. If the engine shaft would be 100 yards further south, the run of gold worked by Stevenson on the surface, would have been struck long ago.
Branscombe and Co., prepare for puddling and sluicing near old McIvor Inn. Capital prospects.
Alison Co. "coming to their senses. Have given up geological researches, and are going to sink for gold and antimony". Tenders invited for engine shaft to be sunk a further 100' from present depth of 210'.
Redcastle crushings: 10 tons - 25 oz.
6 - 8
6 - 10
Notice of applic. for gold mining lease: The Great Extended Quartz Mining Co., Shakespere Line of Reef, Sandfly Gully, head of Possum Flat. £1,000. 9 acres.

12 - 7 - 72

McIvor Co. Meeting of shareholders disclose that the promoters, Parker Bros. put up a sham footwall to deceive shareholders.
Bogus company. At present only prospecting.
Efforts to float a company in the Long Gully claim. Specimens taken to Melbourne.
Redcastle. £900 washed on Niagara Lease, extending upper levels which had been tested. Now sinking shaft deeper, but very hard rock; 3 shifts working around the clock penetrated only 5' in 2 weeks: Christmas Lease: Last crushing yielded only 5 dwt. per ton.
Notice of applic. for gold mining lease: The No Flies Quartz Mining Co., same locality as above (5 - 7). £1,000.

- 6 -

19 - 7 - 72

Leading article, accusing the Mining Dept. for "doing more to protect the squatters' interest than that of the miner".
Valuable new reef discovered by Norris between Spring Flat and Long Gully. Said to be remarkably good and extensive. Has been struck in No. 1 north. Costerfield Co. Past fortnight:

51 tons of stone - 11 oz.

Antimony ore: 60 tons.

Atmospheric engine to be erected on 420' level, to draw up water and mineral from new underlie shaft. A child found piece of gold weighing 6 oz., some stone attached. Value almost £23.

2 - 8 - 72

Maiver Co. Consider to sell the mine and use the proceeds to prosecute the promoters, Parker Bros.

Neptune Tribute Co. crushing. Plates look splendid.

From head of Black Jack Gully: 12 oz. of gold from a few tons of stone.

Old Shakespeare line: Crushing estimated at 2 or 3 oz. per ton.

Albion line, Thompson and Co. (s prosp. claim: 47 tons - 10 dwt. per ton.

Shamrock Co., No. 1 south on Albion line, struck the reef. Looks remarkably well; gold visible in almost every stone.

Old Antimony Reef in full work. Pleasing prospects.

Redcastle. Niagara Co.'s work temporarily suspended owing to mismanagement.

Crushings: 6 tons - 2 oz. 1 dwt.

22 1/2 oz per ton

5 1/2 oz 17 dwt

1 1/2 15 oz 15 dwt

20 33 1/2 oz.

Notice for applic. for gold mining lease: Honest Lamb Co., Redcastle. 9 acres. £2,000.

9 - 8 - 72

Quartz crushings.

20 tons from Great Extended Claim: 63 tons of smelted gold (on which the bank advanced £4.2 per oz.)

10 tons from Norris' new discovery: 20 oz.

Florence tributary crushing; looking well.

North Costerfield Gold and Antimony Mining Co. Prospectus issued in London.

25 acres, north of Costerfield Co. Promoters offer their interest for £11,500.

Redcastle. Old Welcome Reef, near Staffordshire Flat: Work resumed.

Sufficient mullock to supply stampers.

Niagara Co. resumed operations.

16 - 8 - 72

Redcastle.

Crushings: 4 tons - 9 oz. 1 dwt.

7 11 13

13 3 6 1/2

15 12 13 (new reef)

5 1/2 oz per ton.

Payable mullock crushed in quantity.

- 7 -

6 - 2 - 72

Norris' Reef, turning out remarkably well. Holders of prosp. claim crushing second lot of stone promising over 2 oz. per ton; crushing 30 tons. Reilly and Co., who have taken up No. 1 north, have got the reef, very good prospects.

Redcastle. Famous quartz lode, which enriched Clarke, found in Niagara Lease at a depth of 290' a break of 20' having occurred in it. Reef is thin, but appears very auriferous. Hand and Band Co. intercepted Reid and Wilton's Reef passing through their lease. Reef is thin, but good at 130' depth.

do., <u>crushings</u> :	19 tons	- 13 oz. 1 dwt.
	4	5 18
	10	2 13
	7	6 5
	10	9 dwt. per ton.
	11	5 1/2 per ton
	5	9 1/2 per ton.

MoIvor Quartz Mining Co. Tenders invited for purchase of Lease, Claim, Plant, etc.

Notice of applic. for a gold mining lease: The Great Victoria Gold Mining Co., Deadman's Flat. 9 acres. £4,000.

do., for a mineral lease: Comet Co., northern boundary of Comet Lease, Costerfield. 25 acres; antimony. £1,000.

13 - 9 - 72

Norris' Reef. Crushing: 30 tons of stone - 45 oz. Looking as well as ever.

Costerfield Co. Past 4 weeks.

125 tons - 27 oz. 18 dwt.
Antimony ore: 130 tons.

20 - 9 - 72

Golden Gully: Nugget, 12 oz., found in old ground.

27 - 9 - 72

Great Victoria Reef, Deadman's Flat. Remarkably good looking specimens. Reef looking well.

MoIvor Co. received no acceptable tender for purchase of plant, etc. Decided to let the mine on tribute.

Costerfield Co. Quarterly Report, ending 31.3.

Revenue from gold: £539.

Stone crushed: 463 tons, yielding 130 oz. 1 dwt (nearly 6 dwt. per ton.) Revenue from antimony ore: £4,985.

Rushworth. Mining very depressed. Few or none of the claims paying anything like wages, although number of quartz claims in work is something considerable. Gold price: £3.16.9. (mint price £3.19.9.).

3. 10 - 72

MoIvor Co. Local meeting recommends to auctioneer the mine.

10 - 10 - 72

McIvor Co. Report on meeting (see 3 - 10). It is clear that the assumption of a yield of $\frac{1}{2}$ oz. per ton, on which the company had bought, was wrong and was not likely to be realized, as none of the quartz crushed averaged more than 2 dwt. per ton, or less. Motion to let the mine on tribute was negatived. Proceedings against former promoters, Parker Bros., to be discontinued.

Costerfield Co. Past 4 weeks:

127 tons of stone - 303 oz. 17 dwt.
Antimony ore: 140 tons.
Chamber nearly ready for atmospheric engine on 420' level.

31 - 10 - 72

Possum Gully. Booker and Co. crushing 40 tons of very good stone, expect 3 oz. per ton.

Norris and Co. prosp. claim, near Spring Flat, still giving payable stone. Crushing 40 - 50 loads, estimated at 1 oz. per ton.

Redcastle. Small alluvial rushes not far from Staffordshire Flat, several diggers earned 1 oz. of gold each per week, but the gold patches are too limited and too wide apart. Williams discovered a reef 10" thick in old workings, may yield 2 oz. per ton. E. Field's crushing stuff looking very well. Niagara Co., employing 14 men in their lease; but the great distance from main or working shaft, where the reef was first picked up, makes operations tedious and expensive.

Notice of applic. for gold mining lease: Butler's Reef, Caledonia Gully: £1,000.

McIvor Co. meeting called to wind up the Company.

7 - 11 - 72

Tooborac. Splendid stone struck in Harnell's claim No. 2 north of Booker's Lease, Sugarloaf Hill.

Norris' and Co., obtained from 50 tons of stone 40 oz. of melted gold for 7 weeks' work.

Manton and Marchant discovered a new reef, $\frac{1}{2}$ mile north of Victoria claim. Stone is several feet thick, shows gold freely for a considerable distance along the line.

Booker and Co., 29 tons yielded 98 oz. of retorted gold.

Costerfield Co. Past 4 weeks:
96 tons - 29 oz. 12 dwt.
Antimony as usual.
Stopping as usual.

Gold prices: For choice and approved McIvor alluvial gold: £3.19.3. to £3.19.6 per oz. For quartz and alluvial gold sold by assay: Maximum £3.17. (Bank of Vic.)

14 - 11 - 72

Redcastle. All men employed on Niagara Lease have been discharged. Mine will probably be let on tribute. Main shaft should have been sunk 200' deeper, and cross-outs put in, instead of exploring the upper levels where the reef is too disintegrated. The reef as far down as it has been traced, though thin and broken up, is well impregnated with gold.

Crushings at Redcastle:

8 tons	-	21 oz.	13 dwt.
6		4	7
7		8	18½
7		7	14
3		1	15
6		1	5

Applications for leases: 1 gold, Red Hill; 2 antimony ore, Costerfield and Lower Costerfield

- 9 -
28 - 11 - 72

Union Jack Quartz, Mining Co., Peter's Gully. Right, title, interest, plant, etc. to be sold by auction.
Niagara Lease. Trial crushing (in Bendigo) of 10 tons of quartz yielded 12 oz. 14 dwt., far below expectations.

5 - 12 - 72

Perret and Co. struck the reef in No. 1 south of Norris and Co.'s prosp. claim, at 50' depth. Reef said to be 4 or 5' thick, gold shows freely throughout the stone.
Manton and Marchesi's prospects in new reef (see 7 - 11) very encouraging. Some excellent stone.
Costerfield Co. Past 4 weeks:
145 tons - 41 oz. 9 dwt.
Antimony ore as usual.
Booker and Co.'s claim looking as well as ever. Very good stone from 50 - 60' depth, reef 3' thick.
Possum Gully. New reef, not far from Booker and Co.'s claim, discovered by John Robinson.
Redcastle, Niagara Co. to be dissolved.
Application for mining lease: Butler's Reef, Caledonia Gully.

19 - 12 - 72

Redcastle, Natale Lussich is reported to have the best payable mining lease in the district, 2 miles from Redcastle, towards Staffordshire Flat. One reef 6" thick, dassing from gold; another has been penetrated 3' in thickness without being got through, expected to yield 1 oz. per ton. 2 other promising lodes discovered in the lease. Most important local mining discovery in many years.

Redcastle crushings:

16 tons	- 9 oz. 17½ dwt.
16	16 oz.
26	19 oz. 6 dwt.

Applic. for mining lease: Head of Opemus Gully.

26 - 12 - 72

Booker and Co. : 27 tons - 57 oz. of retorted gold.

MoIvor Times 1873

2 - 1 - 73

MoIvor Co. Directors have been empowered to wind up the company.

Costerfield Co. Quarterly Report, ending 30.11.72:

Revenue from gold: £467

Stone crushed: 427 tons, yielded 113 oz. 12 dwt. (5 dwt.

per ton).

Revenue from antimony ore: £6506.

On the 420' level an engine driven by compressed air has been erected in a chamber, to raise water and mineral from the underlie shaft, which is being sunk to follow the reef. The air, after operating the engine, is used for underground ventilation. Machinery works most satisfactorily. Mine operations satisfactory. The mine is well opened up, much work visible ahead. Gold yield at present small. Antimony ore of large quantity and excellent quality, selling in Europe at good prices.

9 - 1 - 73

<u>Redcastle, crushings:</u>	4 tons	- 10 oz.	10 dwt.
	16	38	8
	8	9	18
	16	5	11½
	2	17	6 (Natale Lussich
	8	18	13
	7	4	14
	9	17	10
	9	7	7
	5	4	10

North Costerfield Gold and Antimony Mining Co. wants tenders for sinking large shaft an additional 100', and small shaft 50'.

Golden Gully. Steam engine and crushing machinery to be auctioneered.

16 - 1 - 73

Costerfield Co. Past 4 weeks

70 tons of stone - 24 oz. 6 dwt.

Antimony ore: 105 tons.

13 - 2 - 73

New rush at One-Eyed Gully, back of Speed's property, between 4 and 5 miles from Heathcote. 100 miners on the ground; yields 4 dwt. to 8 dwt. per load, 2' thickness of washdirt. Sinking 5 - 30'. Several holes being sunk in deep ground. May be regarded as almost a new field. One of the holes has been bottomed, a prospect of 6 or 8 grs. per dish obtained.

27 - 2 - 73

Costerfield Co. Last fortnight: No crushing.

Previous fortnight:

62 tons of stone - 25 oz. 17 dwt.

Antimony ore: as usual.

6 - 3 - 73

Notices of Applications for mining leases:

- 1) Bendigo Gold and Antimony Co., Wappintake Creek. £4,000 20 acres.
- 2) The West Costerfield Antimony Co. 20 acres 1 1/2 miles S.E. of Costerfield £2,500.
- 3) Phoenix Antimony Co., 50 acres, Antimony Creek, £2,000

13 - 3 - 73

Costerfield Co. to sell 100 shares by auction, stating to be 'largest antimony mine in the world, except perhaps the antimony mine in Borneo'.

20 - 3 - 73

One-Eye-Rush animated. 200 people on the ground. Prospects very encouraging: From 3 loads of dirt 3 oz. 3 dwt., another party washed 7 dwt. off the bottom, a third got 1 dwt. per bucket. Wash dirt averages 6" to 2' in thickness. Several holes have been bottomed on payable gold, many others are being put down. Sinking deep and tough. Influx of miners going on. Run is about 3 chains wide, and has been traced a considerable distance, but it is rather patchy. Notice of applic. for gold mining lease: Jolly Sailors Co., Lincolnshire Reef, Redcastle. £500.

13 - 3 - 73

Redcastle. Mining very languid during last months, esp. since collapse of Niagara Co. many miners have left. Recently marked improvement. Fresh quartz discoveries. Crushings:

12 tons	-	19 oz	(Natale Lussich)
21		32 oz	15 dwt.
3		1	18
3		6	7
8		6	13
20		35	5
7		4	12
50		15	

27 - 3 - 73

South Costerfield Mine. The winze is down 86'. 6 men at work, antimony ore being raised. Vein of mineral exceedingly good. 10 or 12 blocks of the ore weighing 2 - 3 owt., are on the surface.

One-Eye-Rush. Prospects still encouraging. Two holes bottomed, 26' and 19'. From the first 1 oz. 3 dwt., from the second 15 dwt.

Another party who bottomed last week got 16 1/2 dwt. from 2 loads, good thickness of washdirt. Many other payable claims being worked.

Costerfield Co. Quarterly Report, ending 28.2.:
Revenue from gold: £349.

Stone crushed: 268 tons, yielding 84 oz. 6 dwt. (= 6 dwt. per ton).
Gross revenue from antimony ore: £4826.

All operations satisfactory, but very small gold output. Good prospects.
2 notices of applications for mineral leases:

- 1) The Australian Antimony Mining Co., Redcastle, 30 acres, £3,000
- 2) Lower Costerfield, 24 acres, £1,000.

- 3 -

10 - 4 - 73

Costerfield Co.: 139 tons - 41oz. 14 dwt. (since last report).
Antimony ore: as usual.

In the stopes all going well.

Notice of applic. for mineral lease: The West Costerfield Gold and Antimony Co., $\frac{1}{2}$ mile S.W. of Costerfield, 15 acres, £2,500.

17 - 4 - 73

No Flies Reef. 27 tons - 56 oz. 10 dwt. of retorted gold. Reef now being worked at 60' depth, looking as well as ever.

One-Eye-Rush. No yields of much importance, but population increasing. Lead may be said to be a "string" of patches. The few holes stand a good chance to miss these spots.

Redcastle. Crushing results almost negligible. New Quartz reef discovered by Geo. Smith and Co., 8 miles N.E. by E. Great Hopas.

24 - 4 - 73

"Cat-Gully" (new rush) belying expectations, but two quartz claims secured by hopeful holders.

8 - 5 - 73

Costerfield Co. Past 4 weeks.

172 tons of stone - 62 oz. 11 dwt.

Antimony ore: as usual.

The underlie shaft is down 162' from the 420' level. Lode in this shaft 1' wide, chiefly quartz and occasional bits of antimony ore. Atmospheric engine very successful.

15 - 5 - 73

Costerfield. James Dalsiel, who pegged off 40' of spare ground, wedge-shaped, between the Costerfield and Minerva Co. leases, has struck the reef at 30' depth. Reef 3' thick, antimony of very good quality.

Auctions of material of ex-MoIvor Co. and of crushing plant at Red Hill.

22 - 5 - 73

Leading article: Criticism of land selection methods and Sandhurst Mining Board actions. "Only portion of the district open for land selection are the heavy sandstone ranges between Mt. Ida and Costerfield, a portion of the 5 mile desert, and the rocky lands around the antimony country, which are certainly not likely to be taken up for settlement, and which for their well known mineral character ought to be reserved for mining purposes.

Dalsiel's Reef is, in addition to antimony, rich in gold, too. At 40' depth the reef is 3' thick, with casing, 1' of which is composed of antimony, and 18" of quartz, estimated at 3 or 4 oz. per ton.

One-Eye-Rush. Yields not very important for some time, encouraging since last week when Fiddler and Co. bottomed at 12' depth, washed 3 loads off the bottom, taking 4' thick of washdirt and obtained 5 oz. 18 dwt. Other miners sinking as near as possible to this hole which is on opposite side of the gully to where main workings have been going on since beginning of rush, not far from where gold was first obtained on surface. Another party have bottomed on washdirt will yield about 5 dwt. per load. Ground hard, good thickness of cement to be gone through.

- 4 -

29 - 5 - 73

Redcastle correspondent blames inefficient methods for poor crushing results.

5 - 6 - 73

Costerfield Co. Past 4 weeks.

218 tons of stone - 76 oz.

Antimony ore: Considerably less than usual, stopes being small and hard to work.

The underlie shaft is down 187' from 420' level, that is 607' from surface. A promising new lode has been struck south of the company's Minerva lease 40' from surface. It is 18" wide, contains gold and antimony. No doubt this will be struck soon by the company's shafts, two of which are near.

Redcastle. Crushings: Cat Gully (new rush): 16 oz. (= 2 oz. per ton.)
3 tons - 2 oz. 7 dwt. (= 15 dwt per ton.)

12 - 6 - 73

Norris and Co.: 25 tons - 26 oz. 13 dwt. of smelted gold.
(3 weeks work of 5 men)

No Flies Reef: Renumerative. 40 tons - 50 oz. of smelted gold.

Redcastle: 30 tons - 15 oz.

26 - 6 - 73

New discovery. Prosp. claim taken up by Schook on new ground $\frac{1}{2}$ mile S.E. of Hard Hills. Sinking is 7', good thickness of washdirt. Prospect 2 grs. per bucket.

Redcastle: 28 tons of quartz yielded 46 oz. of gold.

3 - 7 - 73

Costerfield Co. Quarterly Report, ending 31.3.

Revenue from gold: £757

Stone crushed: 529 tons; yield 187 oz. (= 7 dwt. per ton.)

Revenue from antimony ore: £4,500.

Antimony ore yield has fallen off considerably. Gradually improving gold yield expected. Two shafts being sunk intending to strike and work the lode discovered in adjacent Dalsiel's Reef.

Redcastle. Correspondent recommends Chilian mill. Report of new reef, discovered by Bride whilst working alluvial ground in Temperance Gully, 3 miles from Redcastle.

Costerfield Co. "Big Claim" idle. Men dismissed. 4 new shafts being sunk, three below Minerva and near Dalsiel's new discovery, one between Minerva and Big Claim, opposite Costerfield Hotel. In 2 shafts the reef has been struck: Above Minerva claim, and below Dalsiel; Several tons of antimony ore surface, and much more quartz, expected to turn out very rich. Next below Dalsiel's comes the Costerfield Co.'s new lease: Fine new shaft, cross-cutting to begin shortly. North Costerfield Co. pushing on steadily. Ground deep. No results yet.

17 - 7 - 73

Costerfield Co. Past fortnight: 36 tons of stone mixed with 84 tons of tailings crushed, yielded 34 oz. 4 dwt. Antimony ore: 8 tons. 3 shafts are being carried on in search of Dalsiel's lode, several promising lodes or leaders have been crossed.

Redcastle. Bride and son found exceedingly rich reef, 2 miles E. of Redcastle. 12 tons of stuff expected to yield 15 - 20 oz. per ton. Resembles burnt cement. 1½ oz. of free or loose gold washed from the rubble in 2 days. Yield per dish: 5 - 10 dwt. Cutting taken down, 25' deep, 12' long. At lowest depth the cement has passed into a finely developed quartz lode, 6" thick, alongside it the rock for 1' in width contains payable gold. Messrs. Elder commenced work last January 200 yards beyond Bride's, heaped about 100 tons of quartz, expect 1½ oz. per ton. Reid and Dunkley are reported to have again picked up their stratum of hardened quartz cone, looks as rich as ever.

Costerfield. Antimony ore: £8, £12, or £20 a ton; smelted, £60 a ton. Complaint of too much profit for the smelters.

Dalsiel, since striking the reef 2 months ago, raised 25 tons of quartz and 3 tons of antimony ore, and sunk an underlie shaft 22'.

Notice of application for mineral lease: "Duke of Portland", Costerfield. 15 acres, antimony; £1500.

24 - 7 - 73

Discovery. Newman bottomed a hole at back of Dr. Robinson's farm, near Shandygapp, ½ oz. per tub.

Wild Duck Reefs. From Garden claim in the ex-McIvor Co's lease, a crushing of 4 tons of stone yielded 11 oz. 11 dwt.

Fife and Son prepare crushing, same lease. Reef very thick. Prospecting going on.

2 notices of applic. for mineral leases.

1) North Central Gold and Antimony Mining Co., Costerfield, S.W. of Costerfield Co., ground. 20 acres. £1000.

2) Middle Creek Antimony Mining Co., 1 mile W. of Lower Costerfield. 10 acres, £500.

19 - 7 - 73

Redcastle. Correspondent describes and recommends "Chili Mill", as used in California, to improve crushing.

31 - 7 - 73

London Claim (Fife and Son), ex-McIvor Co.'s lease, Wild Duck Creek: 15 tons - 14 oz.

Redcastle. Urging to introduce more modern machinery, to learn from Californian experience. 16 tons yielded 30½ oz.

7 - 8 - 73

Redcastle. 13 tons - 10½ oz.

Re. ex-McIvor Co's. mine. (from Parkers Bros., the promoters): Claim that miners who worked in the Co.'s bottom level have stated that "the proper reef was never broken into, but only stripped and country leaders and mullock taken for crushing". Latest crushing results (Pelling and Fyfe) prove from both north and south that speculation was good.

14 - 8 - 73

- 6 -

14 - 8 - 73

No Flies - Reef. 40 tons - 76 oz. of retorted gold. New Reef, gold-bearing, discovered by Pelling in Garden Claim, Wild Duck, while sinking a straight shaft to catch the old reef. It is 1' thick, underlying towards the old reef, in a contrary direction to it, which it will therefore join below.

Costerfield Co. Past 4 weeks;

119 tons of stone & 102 tons of tailings = 43 oz. 14 dwt.

Antimony ores: 15 tons.

The extension of Dalziel's Reef into the Costerfield Co.'s ground has been followed down 50', crushing unsatisfactory; lode seems to be irregular and poor. Going to try deeper, and also of the old Minerva lode.

2.8.73

Antimony supply at Costerfield is claimed to be in-exhaustible, many reefs being known throughout the district. Price said to be insufficient for the lodes are near the surface, usually very small.

South Costerfield Mine in difficulties; not working.

At the middle reefs, $\frac{1}{2}$ mile from Lower Costerfield, fair prospects have been found, lease applied for.

North Costerfield. Shaft being sunk steadily.

21 - 8 - 73

One-Eye Rush. Parties still getting good prospects, one having washed 1 oz. out of a dish.

Costerfield, Dalziel's Claim. 34 tons - 14 oz. 2 dwt. Gold course. Also 28 bags of first rate Antimony. Prospects improved because 47' from boundary a good reef, 12 - 18" thick, showing gold and antimony, has been struck in the company's ground at 100' depth.

Re ex-Molvor Co's mine: Reply by Edwin Field to Parker Bros. (see 7 - 8) refuting their statements.

28 - 8 - 73

Costerfield, Gravel Pits Rush, to the Heathcote side on one of the most northerly tracks. One or 2 claims bottomed. If gold should be found, rush could become great because flat is very large.

Re Ex-Molvor Co's mine: Reply by Parker Bros. to Edwin Field.

4 - 9 - 73

One - Eye - Rush. Some claims turning out very well, esp. the prosp. claim. Depth of sinking in best part is 30 - 40', through 5 - 6' of unusually hard cement, under which lies washdirt, the yield from which has in some instances been exceedingly good.

11 - 9 - 73

Costerfield Co. Past 4 weeks

127 tons of stone - 31 oz. 8 dwt.

Antimony ores: a little more than usual.

No. 2 Minerva shaft is down 155'. A drive is to be put in following the lode at 100' down in the underlie shaft.

13 - 9 - 73

Redcastle. Blake's new crushing machine to be erected 3 miles from village. Many miners working nearby.

- 7 -

13 - 9 - 73

Bride has gained a few £100 clear from his discovery in a few weeks. Rich seam of conglomerate cannot be traced farther at present.
Perry and Gardner have reached depth of 130' in their shaft, sunk to intercept Red and Wilton's reef, expect that further 30' have to be sunk.
Burtonshaw and Stein have made a quartz discovery which will give them high wages.

<u>Crushings:</u>	19 tons - 31 ½ oz.
	2 - 9 oz.
	21 - 14 ½ oz.

18 - 9 - 73

Nugget, 8 oz. found near Butler's Reef, Caledonia.

2 - 10 - 73

Costerfield Co. Quarterly Report, ending 31.8.

Revenue from gold: £592.
Stone crushed: 450 tons, mixed with 186 tons of tailings; yield: 144 oz. 14 dwt.
Revenue from antimony ore. £3104.
Trial crushings from Dalziel's Reef, in the company's ground, did not prove satisfactory. Work resumed in old workings, drives being put in north and south at 100' down in the underlay shaft. Heavy decline in antimony price.

16 - 10 - 73

Redcastle. Several extensive leases taken up for antimony mining; surface indications encouraging. Ore samples have been pronounced, to be bisulphide of antimony. Reported discovery of an exceedingly rich reef near Nine-Mile diggings, between Graytown and Rushworth. Several small quartz crushings, though seemingly rich, have been little remunerative owing to heavy expenses in labour and time required.

30 - 10 - 73

Caledonia Gully. New reef discovered by the side of old alluvial workings, in alluvial claim of 15' sinking. Good prospects. Some very fine specimens, one containing 7 oz. 2 dwt of gold.
Long Gully, head. Good reef discovered by Hall and Marchesi.
Notice of applic. for gold mining lease: The Lollypop Quartz Mining Co., Sugarloaf Hill Tooborac. 9 acres. £5,000.

6 - 11 - 73

Tooborac, Sugarloaf, Gold-bearing reef struck in claim by Booker and Dwyer (next to above mentioned ground).
Prospects encouraging.
Long Gully (see 30 - 10) Stone of extraordinary richness.

13 - 11 - 73

Notice of applic. for gold mining lease: The Mount Carmel Gold Mining Co., ½ miles north of Redcastle. 20 acres. £2,000.

- 8 -

20 - 11 - 73

Head of Long Gully, Hall and Marohani: 24 tons yielded 324 oz. ! Some specimens remarkably rich. Out of a sieve the size of a tumbler 60 oz. were obtained, out of 2 smaller pieces 29 oz.

27 - 11 - 73

Costerfield Co. Excellent antimony ore at greatest depth, 520'. Quarts mixed with the ore shows a good sprinkling of gold.

1 - 1 - 74

Costerfield Co. Quarterly Report, ending 30.11:

Revenue from gold: £310.

Stone crushed: 328 tons; yield 73 oz. 16 dwt. (= 4½ dwt. per ton.)

Revenue from antimony ore: £3716

Energetic operations in old workings. The 420' level south, stopped at 276' from cross-out in July 1871, has been recommenced, and carried 58' farther south. It passed through a white lode 18" wide, of doubtful quality; at present looking better. The 520' level south was commenced on October 16th now 75' from crossout. For some distance it has followed a lode 9 - 12" wide, containing quartz and antimony. It is satisfactory that antimony ore still to be found at 520' depth.

15 - 1 - 74

Alison Gold and Antimony Mining Co. to sink the engine shaft 45' deeper.

Redcastle crushings: 2 tons - 9 oz. 19 dwt.

19 @ 13 10

7 6

47 58½ oz.

Notice of applic. for gold mining lease: Futler's Reef Co., Caledonia Gully
2 a 3 r. 11 p. £3,000.

5 - 2 - 74

Redcastle crushings: 30 tons - 38 oz. 5 dwt.

12 - 2 - 74

Alison Co. Tenders invited for cutting plat and driving level.

19 - 2 - 74

Redcastle crushings: 118 tons of quartz - 120 oz. 4 dwt.

(one year's work by 2 men.)

9 tons - 5 oz. 12 dwt.

14 - 3 - 74

Redcastle. Mining very dull. Blake and Co. raising stone and mullock in "Old Welcome" claim, Staffordshire Flat; remunerative. Smith and Co. discovered another payable reef, ½ mile south from Cat. Gully; estimated at 3 oz. per ton; but quartz lode is thin, adjoining rock hard.

A shaft for alluvial gold is being sunk few miles beyond Mount Pleasant.

Greatest depth now 100'; stuff to go through is so hard as to require constant blasting, it resembles blue pumice stone. A short distance away a shaft has been sunk through similar dirt, pipeclay bottom reached at 16' from surface, from which small quantity of gold was got. It is possible that a payable lead may be struck in the deep basin of the ranges of the hills now being tested.

- 2 -

16 - 4 - 74

Notice of applic. for mineral lease: Minerva Antimony Mining and Smelting Co., Redcastle, a little to the east of the township, north of Niagara, Lease. 30 acres; \$5,000.

30 - 4 - 74

Limestone Reef, discovered on Barker's property, Mount Camel, is now being worked. Reef is 2 - 3' thick. Present depth 5'; 40 - 50 tons of stone recovered. Kilm to be built.

Costerfield. Population and production of mines decreasing for some time, but improvement expected. Lower Costerfield mines working vigorously.

South Costerfield Co.: Engine erected, pumping started. Alison Co. to be wound up, but new attempt to be made to regain the old golden reef.

7 - 5 - 74

Costerfield Co. For some months past very moderate supply of antimony ore and little or no gold. Have been driving the 520' level south searching for continuation of good ground left underfoot in 420' level. Driving was through very hard, dry ground; during past fortnight they have come upon (20ft) soft ground, water, and a lode 12" thick, showing antimony and gold.

Line, Mount Camel. Deposit seems far more extensive than expected. Whole hill appears to consist of limestone. Also traces of coal found.

North Costerfield Mine: After expending great sums with the intention of sinking 400', crosscutting and finding a good reef, the mine has been stopped without result.

Dalsiel's claim: Splendid antimony reef visible. As the "underlay" is not great it may be worked to a considerable depth in spite of restricted space of claim. But little comes to surface.

14 - 5 - 74

Redcastle. From the reef abandoned by Mr. Bride and taken up by Messrs. Elders: 25 tons of cemented quartz ore yielded 24 oz. 14 dwt. of gold. (6 weeks' work of 2 men.) Fowler found new reef not far from above; good wages.

21 - 5 - 74

Net, 8½ oz., found in Nuggetty Gully.

28 - 5 - 74

Argyle Gully. Longmore and Co.'s claim: Cake of gold weighing 12 oz., yield of a trial crushing of 5 tons, and several specimens rich in coarse gold. Reef looking as well as ever.

Costerfield Co. erecting furnaces for smelting antimony. London smelter has been engaged.

- 3 -

4 - 6 - 74

Costerfield Co., Mine looking exceedingly well. Rich golden stone being obtained. Good ore being got in the 520' workings.

Redcastle. Fowler and Williams' new reef: Trial crushing of 6 tons yielded 25 oz. of gold. The lode, consisting mainly of iron stone, is permeated by a very thin seam of quartz, $\frac{1}{4}$ " to 1" thick which if it could be separated from the casing would probably afford 30 oz. per ton. They have also found another parallel line of reef in the same claim promising excellent yields.

Notice of application for mineral lease: Minerva Antimony Mining and Smelting Co., 30 acres, east of Redcastle, North of Niagara Co. £5,000.

11 - 6 - 74

Costerfield Co. Smelting works commenced operations.
Mount Camel. Lime-kilns to start working.

18 - 6 - 74

Crushings: Hall and Marchesi; Rosy Gully: 15 tons - 57 oz. retorted gold.
Becker and Co., No Flies Reef, Possum Gully: 25 tons - 27(tons.) oz.
Costerfield Co. Past 4 weeks: Better ground than for some months. From 78 tons of stone 80 oz. 10 dwt. of gold; of this 50 oz. came from a lot of 30 tons obtained in the 520' level. Antimony ore obtained is of best quality.
Redcastle. Quartz mining rush has set in 1 mile beyond Cat Gully, 6 miles E.N.E. Prospecting resulted in tracing line of reef opened by Smith and Co. and in securing a claim appearing very payable. 5 claims taken up. Doubtless most valuable mining country. Line of reef trends east and west, 2 - 4' thick, rock soft and yielding. G. Smith and Co.'s crushing of 15 tons yielded 26 oz.

25 - 6 - 74 (reported 2 - 7.)

Costerfield Co. Quarterly report, quarter ending 31.5.:

Revenue from gold: £180

Revenue from antimony ore: £1464.

520' level south (commenced on Oct. 16, 1873) is now in 272' from the cross-out. For some months discouraged by hard, unprofitable ground; but good antimony and gold bearing stone had been left under foot 3 years ago in 420' level. But 6 weeks ago, ground became soft, water coming in, lode continued to improve ever since. A rich run of gold found 3 weeks ago in this level, lode now 20" wide, showing gold and good antimony. Stoping commenced in these workings. Smelting in own furnaces has commenced.

9 - 7 - 74

Notice of applic. for gold mining lease: Energetic Co., North Redcastle, 15 acres, junction of Coliban and Campaspe River. £2,000. To work by tunnel from river bank, 40' below surface, under basalt.

16 - 7 - 74

Argyle Gully: 7 tons of stone - over 13 oz. with prospects of good future yields.
Notice of applic. for gold mining lease: The Royal Standard Quartz Mining Co., Horseshoe Bend. £2,000.

- 4 -

13 - 8 - 74

Redcastle. Most of population (which has considerably decreased last year) engaged in mining near Staffordshire Flat. Several parties doing well at new Cat Gully rush. Trial crushing of 6 tons yielded 1 oz. 13 dwts. per ton. Fowler and Williams crushing of 15 tons (near Staffordshire Flat) yielded 19 oz.

20 - 8 - 74

Costerfield Co. Smelting works proving most satisfactory. Star antimony of splendid quality is being turned out.

3 - 9 - 74

Costerfield Co. A splendid piece of antimony (star regulus) weighing 52 lbs., being exhibited.

10 - 9 - 74

Mount Camel Lime Works to be operated by new company: "Bendigo Marble Lime and Cement Mining Co." £24,000.

8 - 10 - 74

Wild Duck, Meadow Valley Creek: Sample of coarse gold, weighing a few dwts., found at 3' depth.

Redcastle, Cat Gully rush: No extension, but steady work on claims taken up. Weekly average £2.4. per man.

Natalie Lussich searching for antimony ore, near prospects 2 miles from Redcastle.

Costerfield Co. Quarterly Report, ending 31.8:

Revenue from gold: £362

" antimony: £930.

Antimony metal now being produced at the mine. Underground operations not satisfactory. Rich gold run appeared in June, but did not last long, stopes thin and hard. Workings are approaching 420' level where good ground was left under foot 3 years ago.

15 - 10 - 74

Parcel of gold, between 200 and 300 oz., purchased recently, being exhibited.

22 - 10 - 74

New rush at Mount Ida Flat, near Murray road, turning out less well than expected. Several parties prospecting.

12 - 11 - 74

Redcastle correspondent on the question of reserving auriferous lands.

26 - 11 - 74

Splendid specimen found, weight 120 oz., almost solid gold. Another piece, 6 oz. of pure gold (smelted), from same locality.

3 - 12 - 74

South Costerfield Gold and Antimony Mining Co. 41 $\frac{1}{2}$ tons of antimony ore shipped to London. Shaft was sunk an additional 75', to a depth of 210'. Reef 9" thick.

- 5 -

10 - 12 - 74

Mount Camel. (Bendigo Marble, Lime, and Cement Co.): Fine specimen of marble, dark-grey with a slight bronze tinge, used for mantelpieces. Furthermore, building stone and excellent lime being obtained.

24 - 12 - 74

Costerfield Co. Quarterly Report: Gold yield unsatisfactory. Valuable deposits of tailings and sludge, containing a good deal of antimony, will be utilized. Smelting profit expected at £25,000.

31 - 12 - 74

Red Hill. Nugget found, weighing 25 os. incl. a little quartz, supposed to contain at least 2 lbs. of gold.

Redcastle. Crushings: 5 tons - 12 os. 16 dwt.
4 6 16

(Others negligible)

McIVOR TIMES 1875

(JANUARY - JUNE MISSING)

15 - 7 - 75

Notice of application for gold mining lease: "Nil Desperandum Co.", Horseshoe Bend, Coliban, adjoining Easter Co. £500.

29 - 7 - 75

Costerfield. Patent granted to H. Herrenschildt for improvements in smelting antimony ore, saving fuel and raising efficiency. Notice of applic. for gold mining lease (as above; £1000.)

19 - 8 - 75

Costerfield Co. Contracts for raising ore have been let, employing 40 or 50 men. Excellent antimony being obtained.

26 - 8 - 75

Costerfield Co. Very pretty specimens of oxide of antimony taken from the entrance to the flues. They resemble corals. At the further end of the flues the oxide is taken out in the form of a white impalpable powder.

14 - 10 - 75

Costerfield Co. Quarterly Report, ending 31.8:

Revenue from antimony: £1,524.

First rate plant in good working order. Immense heap of tailings, rich in antimony, valued at £25,000.

The metallurgist, Mr. Herrenschildt, is to be paid out of the increase of yields he engages to obtain for the Company over former yields.

Costerfield Co. Underground operations suspended in Dec. '74, as the lodes being worked from main shaft were small, expensive to work, unremunerative. Main emphasis was put on reduction to metal of the ore contained in material on surface. An accident, in June 1874, retarded this. So underground mining was resumed with very satisfactory results in the ground purchased from late Minerva Co., and midway between main and Minerva shafts (1000' apart). A small vein is being worked north of the main shaft, from which some good ore is being taken; ore being now raised at a distance apart on the company's leases of 1150'. In Minerva ground the lode being worked looks very well, one being raised from it on contract, the company getting all quartz. There are other 3 lodes in this ground from which one can be raised.

From former level No. 1 South, a level has been driven south from the shaft at 120' depth from surface; this level is in 200', carried a payable reef all the way

420' level to be driven further south from main shaft. This level is in 400' requires driving 600' to connect main and Minerva shafts. Minerva ground will be opened up 200' below present depth (180'), the fall of the ground and rise of level making difference between apparent and real depth at Minerva end. 4 lodes in Minerva ground not large, but very remunerative now that ore can be treated on the spot.

In northern portion only one main reef, connected with one of the 4 lodes. Flues, built in connection with smelting, extend 1200', with large chambers at either end, catching oxides from furnaces at Minerva end. 2 furnaces working, a 3rd nearly completed. Herrenschildt's oxide-reducing furnace proves of great value, also renders the metal chemically pure.

- 2 -

21 - 10 - 75

New reef discovered near old McIvor Co.'s ground.

Wild Duck Creek; crushing gave $1\frac{1}{2}$ oz. per ton, from 6 - 10' depth, north end of shaft.

Butler's Reef to be worked again; machinery will be erected

4 - 11 - 75

Wild Duck Creek, new line of reef, parallel to old McIvor Co.'s line, 150 yds distant. As in old claim, new line runs N - S, dipping to E. 4 claims at work. Shaft 25' down. Reef 4" thick, in parts 6". At bottom of shaft showing good gold. For several feet along surface showing good gold. Gold in trial holes N. and S. of shaft. Next crushing includes quartz from a depth of over 40'. Good specimens, excellent prospects.

In No. 1. north, reef struck on surface, 6 or 7" thick, gold-bearing. Shaft following the reef, down 15'. Reef at bottom 1' thick, stone improving whilst going down. Reef has been tapped along surface north of shaft for 100', gold found. Prospect contained nice rough specks and fine gold.

No. 2 north: sinking for reef, presumed to run deeper here.

No. 1 south: only claim taken up on this end. Shaft 30' down, good gold. A drive, at shaft-bottom along the reef, is 5 - 6" thick. Reef, opened up on surface, proved gold-bearing wherever tapped.

Excellent stone from prospecting shaft.

Notice of applic. for gold mining lease: Caledonia Gully, 30 acres, quartz lode. £4,000.

25 - 11 - 75

Butler's Reef Co. Tenders called for erection of machinery.

16 - 12 - 75

Redcastle, Staffordshire Flat. Reid and Dunkley had splendid yield of crushing: 9 tons of stone - 104 oz. of retorted gold.

Wild Duck Reef, "Morning Star" claim: 14 tons - 18 oz. 3 dwt.

23 - 12 - 75

Victoria line of reef. White's Gully: 24 tons of stone 30 oz. Looking well.

Wild Duck: Another reef discovered, $\frac{1}{2}$ mile from before mentioned. Gold well embedded in stone. Claims marked out N. and S. from prosp. claim.

Butler's Reef, working started underground.

30 - 12 - 75

Costerfield Co. Quarterly Report: Mine looking well, yielding large quantities of antimony.

McIVOR TIMES 1876

6 - 1 - 76

Notice of applic. for gold mining lease: Victoria Reef, Deadman's Flat.
£2,000.

27 - 1 - 76

Butler's United Quartz Mining Co. Pumping in progress, shaft will be sunk
50' deeper and driving for the reef will begin as soon as the water will be
got under.

2 - 3 - 76

Antimony smelting: 2 patents granted to H. Herrenschmidt, late of Costerfield,
fluid metal running off continuously; revolving conical roasting furnace set
horizontally, feeding at smaller, discharging at larger end.

30 - 3 - 76

Notice of applic. for mineral lease: South Costerfield Gold and Antimony
Mining Co., 13 acres, antimony.

11 - 5 - 76

Sale by auction of a half-share in Great Northern Quartz Claim (head of
Little Colbinabbin Creek near Redcastle), known as Reid and Dunkley's Claim,
from which last December 104 oz. of retorted gold were obtained from 9 tons
of stone. Recent crushing of 16 tons yielded 87 oz.

1 - 6 - 76

No Flies Reef, Opossum Gully. Rich stone struck in old workings. Reef 14"
thick where gold can be seen right through the stone and on all sides of it.
Costerfield. Sale by auction of Dalsiel's, Gold and Antimony Mine (between
Costerfield Co's and former Minerva lease.)

22 - 6 - 76

Rushworth. Mongolian Reef Co. to sink main shaft a further 25'.

6 - 7 - 76

Costerfield Co. Quarterly Report (ending 31.5.)
Financial position improved. Mine continues to yield large quantity of antimony.

10 - 8 - 76

Butler's Reef, Caledonia Gully. Gold struck. Reef 1' thick, with tendency
to widen.

31 - 8 - 76

Notice of application for gold mining lease at Costerfield.

- 2 -

7 - 9 - 76

Victoria Reef, Long Gully. New lease taken up.

Butler's Reef. Large battery being erected. Gold bearing stone 10" has been broken in 260' level and in 200' level where it averages 3 - 16" thickness..

14 - 9 - 76

Old Alabama Claim, Caledonia Gully, expected to be in full work again, taken up by Butler's Reef Co., contract let for sinking a shaft 600' from surface.
Victoria Flat: Shaft down 20', expect to bottom shortly. Going through goodlooking washdirt in which fine gold obtainable. But large amount of water.
Notice of application for mineral lease: North Costerfield. Gold and antimony.

21 - 9 - 76

Costerfield Co. resumed dividend payments (suspended since 1873). Spent \$100,000 in district since 1865 and distributed \$32,000 dividends.
Butler's Reef Co. extended the lower - 260 ft. - level 20', with a reef 6' to 10' thick. Some very good stone broken, showing gold plentifully.
At 200' level a drive has been put in 176', coming on an old shaft which is now being sunk as a winze shaft, depth of the winze from 200' level 40'. Reef in winze shaft small, but contains gold.
Hit or Miss Claim, Victoria Flat. Bailing water out of 2 shafts. Shaft bottomed at one corner, dip considerable. Prospects payable, improving going down.
Old Rosy Gully Claim taken up
Red Hill. Shaft down 60 - 70', intend to catch the reef formerly worked by Robinson and Neil.
Redcastle, Great Northern Claim: 80 tons of stone crushed yielded 160 oz. of gold.

28 - 9 - 76

Trestrail's lease near Caledonia: Good gold struck at 60' after claim has been held for 12 years. (The shaft has been sunk for 10 years, the gold was struck when a drive was put in on a line of reef for 50' but nothing payable was obtained. Prospect of 4 dwts. per dish. A small specimen contained as much gold as quartz.
Victoria Line of Reef, Long Gully (ex - Italians Reef): Shaft being sunk to water level, or 200'.
Harwood's Hill, opposite Golden Gully: 2 claims being worked.
Victoria Flat: Shaft bottomed, prospects encouraging. Washdirt 4' thick, 1/2 dwt. of gold from two small dishes of stuff. Water troublesome.

5 - 10 - 76

Harwood obtained splendid gold, sinking deeper.
Red Hill: broken through to old workings; suspended.
Costerfield: Payable gold at the rush on Blake's road. Average 6 dwts. per load. Sinking 8 or 9'.
Victoria Flat: 1/2 oz. of gold washed off bottom. Sinking second shaft closely.
Costerfield Co. Quarterly report, ending 9/18. Good profit, mainly from antimony. New small, but important ground acquired between Minerva shaft and northern ground. Company holds now 60 acres extending 3300' along the reef N. to S. Good prospects.

12 - 10 - 76

Victoria Reef, Caledonia. Shaft 80 - 90' down.
Victoria Flat. From second shaft specimen of coarse gold 1/2 oz.

19 - 10 - 76

Butler's Reef Co. First crushing: 50 tons of stone yielded 87 oz. of retorted gold. (about 2 oz. per ton.) Stone is being raised in the stopes. The 260' level is in 180', the No. 2 winze down 46'.
Trestrail and Gray (near old Argyle reef): very good prospect. About 40' between where gold was got in the shaft in the drive and the main shaft.
Victoria Reef Caledonia: Shaft down 100', being slabbed.
Harwood's Hill: Driving from Harwood's shaft. Costello is down 40', putting in a cross-cut in 10 or 12'.
Victoria Flat: First shaft fell in.

26 - 10 - 76

Blake's road rush near Costerfield: gold still obtained in payable quantities.
Old Antimony Creek: lease sold, new shaft to be sunk.
Butler's Reef Co. Ties for catching pyrites in operation. Winze shaft between 200 and 260' levels broken through. Drive to be put in to old Butler's shaft from the 260' level.
Victoria Co., Caledonia: Shaft sunk to 124'.
Big Possum Gully, Charlett's old claim: Good reef struck, E.W. direction, parallel to line of reef from which v.d. Luft etc. obtained rich yields. Reef is right in bed of gully, 18" to 2'6" thick, promises to yield 1 - 2 oz. per ton. (Worked by Ch. Husfeldt.)
Surface Hill (near) Rye and Carboon to put a drive from old Baragwanath's shaft, which is down 65', 50' from it towards their recently worked shaft which is down 20', having followed gold in leaders and quartz jumble all the way.
Harwood's Hill: Manton and Costello are in with their drive towards Harwood's old shaft, S.W., 16'. When in 12' they came on E.W. leaders 8 or 9" thick. Driving very tough.
Red Hill: G. Christie working east of his old claim, in leaders a little gold.
Old Antimony Creek: Discovery of antimony reef reported.
Trestrail and Gray stopping out. Reef 6" thick.

2 - 11 - 76

Big Possum Gully (Charles Husfeldt's Just-in-time reef: Cake of gold weighing 23 oz. 3 dwt. obtained from 13 tons of stone, in addition to 6 - 9 oz. of pieces and specimens (total yield over 30 oz. in ten days). Reef 2'6" thick, good gold going down. Claims taken up N. and S., No. 1 north struck the reef with very fair prospect.
Surface Hill (see above). Have driven 15', expect to reach their old workings in 10'.
Harwood's Hill Harwood down 13' with new shaft. 8 or 9 nice looking leaders out, dipping to E., all bearing some fine gold. Ground very tough. Manton and Costello put in cross-cut 27'. At its end very heavy quartz body and gold bearing leader (a little fine gold.)
Old Antimony Creek: Leader lost at 9' depth, but found again.
Butler's Reef Co. Second crushing: 104 oz. of retorted gold.
Victoria Co. Shaft down 140'. Drive to be put in to old workings, 50'.
Trestrail and Gray: Reef more defined. Very good prospect of 3 dwt. of coarse gold. One piece: $\frac{3}{4}$ dwt.
Disraeli Claim, $\frac{1}{4}$ mile from Reilly's old workings in Farson's Gully, taken up for quartz prospecting.
Costerfield: Notice of appl. for mining lease (Antimony), 10 acres.

9 - 11 - 76

Notice of applic. for gold mining lease: Norris's Reef Co., head of Argyle Gully.

- 4 -

16 - 11 - 76

Big Possum (Husfeldt): Reef 3' thick, promising.
Harwood's Hill: Manton and Costello in 40' with cross-out.
Not. of appl. for gold mining lease: Try Again Gold Mining Co., 20 acres,
South Costerfield, 500 yards W. of Alison Mine.

30 - 11 - 76

Butler's Reef Co. Crushing yielded 50 oz.
Big Possum. Ch. Husfeldt obtained from 12 tons crushing about 1 oz. per ton.
In No. 1 north reef bared for several feet.
Harwood cut likely looking leaders bearing gold, but not payable.
Red Hill: J. Christie came across leaders bearing a little gold.

28 - 12 - 76

Staffordshire Flat, Dunkley and Co.: Crushing of 49 tons of mullock and
casing gave 57 oz. of retorted gold. The stuff was taken 8' wide from alongside
the reef which is left unstripped. Result of 1 month's work.

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MISSING

- 2 -

14 - 3 - 78

Whroo. Splendid reef found. Stone looks like 50s. per ton. (near Darroch's crushing machine).

21 - 3 - 78

Butler's Reef: Last crushing: 66 oz. A portion of the claim open for tribute.

4 - 4 - 78

Rushworth 5 oz. nugget from new rush near the Perseverance.
Mining plant of South Costerfield Co. to be sold.

30 - 5 - 78

More prospecting.

Butler's last crushing gave 104 oz. Mine looks very well. Bottom level is No. 5, depth 380'.

Caledonia Gully: Marchesi and Trice, in a claim opposite the crushing machine obtained from 11 tons a yield of 3 oz. per ton (from nearer surface: 1 - 2 oz. per ton.) Sinking two new shafts, one is 60' deep, the other a well-shaft, 50', to strike the reef at 150'. Water level is a little over 60'.

Red Hill. T. Thomas sunk shaft to 180'. Prospecting and driving in different parts of the hill, also on Surface Hill.

27 - 6 - 78

Costerfield Co. Quarterly Report, ending 30.5.: only very small profit, no dividends.

4 - 7 - 78

Alabama and Butler's Reef Co. installing immense boiler weighing 11 tons.

15 - 8 - 78

Butler's Reef: Last crushing gave splendid yield of 186 oz.

22 - 8 - 78

"Our Mines"

Butler's Reef, Caledonia Gully, worked with success more than 20 years since, splendid gold obtained. Then inexperience and wasteful methods set in, and whole line of reef lay dormant for years. Splendid stone obtained by H. Book and Dr. Atkinson of Sandhurst. Stone averaged 4 oz. per ton. No. 1 south taken up by Italians, sank a shaft 6 x 4 200' deep and struck the reef with great difficulty, but gave up. Then line of reef lay dormant again. Soon after an engine was erected by a company, incl. Dr. Atkinson, but worked only temporarily, then taken away. Gold run proved to go south, as most lines of reef in the district (with one exception of a reef running north), only shoots dipping north. Butler's Reef Co., has in two of their leases some of the best mining properties in Victoria. It also controls old Caledonia Reef which should not be left idle.

3 - 1 - 78

South Costerfield Co.'s claim, machinery, and plant to be sold.

Costerfield Co. Quarterly Report ending 30.11.77: Revenue from antimony £7,965, from gold £125. Profit £3,294.

Dividend 5/- monthly per share. Revolving cylindrical furnace being erected. Sludge and tailings to be passed through cylinder and met by a current of flame which drives off the antimony in shape of oxide, to be collected in fines and converted into metal.

10 - 1 - 78

Swede's Gully. New Reef struck by Ch. Husfeldt at head of Gully, depth 25'. Stone shows gold freely. Reef runs parallel to one worked by the same before. Husfeldt obtained considerable gold quantity from his Possum Gully reef in last 12 months.

Staffordshire Flat. Average crushings inspite of long drought. One lot of 15 loads from "Black Cat" gave 2 oz. per load. Others 9 dwts. to 1 oz. 7 loads from Costerfield road yielded 3 oz. per load.

24 - 1 - 78

Barne's Prospecting Co. Shaft between Costerfield and Graytown bottomed on "hard shore", got nothing.

Alabama and Butler's Reef Co. mine: Satisfactory. Main shaft's total depth: 386'. A cross-cut has been opened out to catch the lode by driving 50'. Work going on north of Butler's old shaft. Battery at work. Buckets to be replaced by cages.

Costerfield. Borthwick Co. using revolving cylinder, formerly used by South Costerfield Co. to reduce tailings, "Just-in-Time" quartz claim, Possum Gully, owned by Ch. Husfeldt, to be sold incl. machinery and tools. During past 12 months yielded £2000 worth of gold.

31 - 1 - 78

Butler's Reef. Crushing returned 114 oz.

Just-in-Time Reef, sold for £14.

Alabama and Butler's Reef Co. to drive 320' level a further 200'.

7 - 2 - 78

Just-in-Time Reef. Excellent stone being raised.

14 - 2 - 78

Rushworth. New rush at Nuggetty Gully, 1 mile away, 156 men working. 4 claims are on good payable gold, one having turned out 31 oz. in nuggets of 3 oz. in a week. From Balaclava Hill very good crushing.

Butler's Reef. Last crushing: 48 oz.

28 - 2 - 78

Costerfield Co. Revolving cylinder trial very satisfactory

- 3 -

29 - 8 - 78

"Our Mines"

Redcastle deserted. In the past, the Austrians Claim yielded £10,000 worth of gold, as high as 31 oz. per ton. Clarke's Welcome Claim averaged 7½ oz. per ton to a depth of 300', yielding £55,000 worth of gold. Hit or Miss got as high as 21 oz. per ton. Towards Staffordshire Flat there is Why Not Claim where several lines of reef seem to concentrate. Crushing stuff taken at almost indiscriminate width. 112 tons yielded 72 oz. Staffordshire Flat, crushing machine obtained 89 oz. 2 miles away: Black Cat; Reef being worked, yield 1½ oz. per ton. Plenty of similar reefs about there.

5 - 9 - 78

"Our Mines"

Antimony. Over 20 years ago, a party of men, incl. one called Doyle, found on the old Antimony Creek, some curious stuff similar to coal but about 10 x as heavy. Got many tons to surface, stacked it and left it as worthless as nobody wanted it. Shortly after an old shepherd died in Sandhurst hospital, having in his possession some very rich specimens of copper ore, said to have been found on the range beyond the old Antimony Creek. This, like Marryatt's "Flying Dutchman", has been looked for but never found. Later a shepherd, McNicholl, discovered Costerfield Co's claim. A great rush followed, the country for miles around was pegged out in few days, but first found remained unequalled. No. 1 south was worked, some nice looking ore discovered. When reef was struck, the speaker, having taken too freely of various kinds of liquor, mounted a stump; "Gentlemen, I have got my fortune at last; I have worked hard in my time, but hope I shall not want to work much more. Gentlemen, I am a Christian and believe in the Holy Lord, and don't care a d___m for any man." 1 mile further south is now Lower Costerfield. Describing a series of failures connected with Alison Mine.

12 - 9 - 78

"Our Mines"

Red Hill. In 1860 the Cornish Mining Co. was formed, which worked as a model company but never got a speck of gold in 15 months. An old shaft 50' deep was sunk 50' deeper, then drove 90', but met only a few veins running in all directions. Then a second shaft was sunk 200' south, 90' deep, no result. Then a third shaft opposite No. 1 to depth of 150', hard blasting ground. But some got over £2,000 worth gold from Red Hill, for there is gold up to the summit, many pounds weight have been got on surface. Author believes that the splitting or throwing of the Red Hill into thousands of veins has been caused by Golden Gully reef, which is a very strong one, running east-west and intersecting the Red Hill. Has no doubt that at some indefinite depth the reef or reefs will be found in their proper form. Advocates tunnelling the Hill by means of a Company.

19 - 9 - 78

"Our Mines"

Raconcourse Reef One of earliest known in district, once celebrated, now neglected. Was found on south side of White's Gully, very rich specimens from cap of reef. Large quantities of gold obtained, especially by Stephenson, the owner of crushing machine at Caledonia Gully (1½ mile from the claim). Followed by company, erected battery 600' too far north. As the gold dipped south, they could not work it systematically and expenses were too high. South of company's claim the Bonaventura claim. Shaft sunk in wrong place, complete failure.

19 - 9 - 78

cont:-

Author believes that Old Racecourse reef runs due N.- S. from White's Gully. Looking north the line of reef will come about top part of Dwyer's paddock, running through top of F. Thomas's paddock.

26 - 9 - 78

Butler's Reef. Last crushing gave 211 oz.
Long Gully Reef. Operations resumed.

"Our Mines"

Old Melvor Caledonia Reef in Caledonia Gully. Once famed and exceedingly rich. Originally very small claims, about 20 x 20. Yields of 20 oz. per ton were common. Later made into a local company. Because one of most prominent mines in Victoria, representing a capital of £40,000. Was worked in most extravagant manner. Company must have got £40,000 worth of gold. Spent all this plus capital, no dividends. Worked the underlay stops after stops, only kept their shaft a few feet deeper than the stops. Instead of following expert advice and sink the shaft to strike the reef at 600', they sank only 240' and put in a crosscut, but found that they were less deep than old workings. Mine and plant had to be sold, but was not worked again systematically. There is a run of gold more than 300' long, in one part of the run it will yield at least 6 oz. per ton.

10 - 10 - 78

Butler's Reef. Splendid crushing yielded 308 oz. 6 dwts.

17 - 10 - 78

Costerfield. New reef in United Miner's Co. claim looks well, large blocks of fine antimony being raised. Quartz forming the casing of the reef is thickly studded with gold. Adjoining claim taken up, shaft to be sunk 150'.

24 - 10 - 78

Red Hill. Reported that Hedley had obtained 500 oz. of gold, but it was ascertained that cleaning up was not finished.

Butler's Reef keeps up splendid yields. Last crushing yielded 615 oz. from 100 tons of stone. Expected to encourage reopening of other reefs.

Redcastle. New reef discovered at back of school; described as extremely rich. Specimens on surface led to shaft-sinking. Struck reef at 3' followed it down 9', splendid stone all the way.

7 - 11 - 78

Argyle Reef and Norris' Old Reef - to be worked on tribute.
3 old leases taken up again.

Butler's Reef. Last crushing gave 822 oz. for a fortnight.
(£6976 worth of gold in 6 weeks.)

"Our Mines"

Alfred or Opossum Reef, between Big and Little Opossum Gullies. Worked 20 years ago, then 1868. Found a little gold going south, about 8 dwts. per ton. Shaft further south cut the reef at 70'; crushing 7 oz. per ton. Yielded gold worth £2575. Then struck very large reef and water, abandoned. Adjoining claim gave £1800 worth of gold, taken up again but left because ground too hard. Later Ch. Husfeldt made valuable discovery 100 yards from old workings, recovering £2000 in less than 1 year working to 80' depth. So far £7000 worth of gold taken out of Opossum line of reef, 150 yds. of this line being known on surface and working not deeper than 120'. Ground being taken up again.

21 - 11 - 78

Butler's Reef: Last fortnight's crushing: 504 oz.
Costerfield; United Miner's Co. started raising antimony. Mine looks well.

"Our Mines"

Norris's Line of Reef, between Long Gully Co.'s claim south and Butler's Reef Co.'s claim north. Claim was worked with success 15 years ago. But they lost run of gold, not found again yet, but author has no doubt that there is a good run. He believes that reef was crossed, or that it made a break, or that the gold made a "jump". Advises to sink a shaft 150' south of old whim shaft to cut the lode at 200' depth. Cosmopolitan claim, No. 1 south, was worked successfully. On west side is a distinct line of reef crossing the Norris's line. No. 1 north was worked without finding gold. South of Norris's claim a shaft was sunk without success. All the ground from the old workings, except this shaft, is untried, and this line crosses the Hard-up-Reef.

22 - 11 - 78

"Our Mines"

London Reef, on Wild Duck Creek, 1 mile south of bridge on Kyneton road. Reef taken up by Parker Bros., many years after its discovery, in 1871. Got a little gold, crushed in their own machine at Old Racecourse. Then met with water. Parkers sold to new mining co. formed in Melbourne with large share capital. Shaft sunk at north end to catch reef which did not exist. At the same time a "rubble" reef was worked at south end, only 20' deep, as a "bait" for intending shareholders to whom splendid prospects were shown. This was caused by an artificial footwall. Game was up. Plant was sold.

5 - 12 - 78

Redcastle. Why-not-Claim. Crushing of 120 tons yielded 130 oz. from a reef taken 8' wide.

Butler's Reef. Crushing gave 80 oz. for a fortnight.

No Flies Reef. Company formed to resume mining.

Notice of appl. for gold mining lease, N.E. of and adjoining Royal Crown Co.

"Our Mines"

Old Argyle. Worked 20 years ago. 20 tons averaged 22 oz. of gold. It is a mullocky reef, most of the gold could have been washed with tub and cradle. When reef is lost, author advises to follow small vein. He found new reef running parallel to old reef, but no gold. But thinks that old Argyle reef is a good one.

19 - 12 - 78

Butler's Reef. Last crushing gave 160 oz.

9 - 1 - 79

"Our Mines"

Williams' Reef, Argyle Gully. Reef discovered by Williams & Longmore, later taken over in part by two brothers Hirds. Two small shafts sunk to depth of a few feet. Many small leaders were found dipping East - containing a little gold. Later when Williams & Longmore sank a shaft a little further to the east, they struck the reef at 15'. First crushing, nearly 1000 oz. After the 'cream' of the claim (apparently) had been worked out, Williams & Hird's bought out claim for £500 (fourth share). Later portion of interest sold to Jude of Bourke St., Melb. who erected battery etc. (part of paper missing)... Shaft sunk to 230' after working much of claim, followed by a drive of 230'. After expending as much as they had already made, they sold the claim and the machinery. A gent. named Hedley has taken the claim and intends to work it.

Opossum Gully, Q. Mining Co. Ten thousand shares offered to public. Company to consist of 21 thousand shares (£2,500 worth of gold had been taken in a short time, and adjoining claim over £2,000 worth gold), Claims 80 yds x 150 yds. Calls not to exceed one penny per share for 3 months, by which time payable gold expected to be found. Shares are offered at 6 pence each.

16 - 1 - 79

Butler's crushings gave a yield of 140 oz gold.
Opossum Gully Mine, Shares offered as above.

23 - 1 - 79

"Our Mines"

Long Gully Mine . Reef between Long Gully and Argyle Gully, let out on tribute after not paying. Did not pay for considerable time but finally a rich shoot was found. Many men who had not been paid for considerable time hence they helped themselves to the gold, and so various stories as to the actual richness of mine came into being. A short time after, the mine collapsed again "and some of the men have never been paid up to this date". Some time later, after machinery had been sold, mine was re-opened and is working with difficulty.

30 - 1 - 73

Butler's. Last crushing for the fortnight was 200 oz.

6 - 2 - 73

Opossum Gully. United(Gold) Mine advertisement for sale of shares still appears.

20 - 2 - 73

The White's Gully Claim. $\frac{1}{2}$ miles S. of Butlers Reef, on the same line, (apparently not paying well). Crosscut put in from shaft until reef was out. Drive then put in along the reef, where good gold was originally obtained.
Opossum Gully United Gold Mine Co. Tenders invited for sinking shaft 160ft.

- 2 -

10 - 4 - 79

"Why-Not Claim" Redcastle.

Tenders worked to sink present shaft from 140' to 200'.

24 - 4 - 79

Butler's Reef.

Alabama & Butler's Reef Co. have been engaged in sinking and cross-cutting struck good gold on April 19. Reef was driven on to the No. 6. 485' level, 65' from cross cut. Reef about 3" thick, dipping south. Winze from No. 5 level has been sunk 48'.

15 - 5 - 79

Wild Duck Creek. Good yields obtained recently. The alluvial workings are situated at the foot of the late McIvor C. (£60 -£70 worth obtained in sinking 14' ??)

Sugar Leaf Creek, Beyond Tooborac Chinese obtained payable gold (No details)

12 - 6 - 79

Karanga Chronicle reports new reef showing coarse gold - close to road leading from Goy's Diggings to Graytown.
Kilmore & Quartz Alluvial Gold Mining Co.
bit on tribute to Dr. C. Robinson for 5 years, at 10% on gross yield of gold.

19 - 6 - 79

Tooborac. Harnell and party, obtained from a reef near Sugar Leaf, 15 oz from 13 tons
Reef appears to improve in width and richness in depth.

26 - 6 - 79

Tooborac Reef improved in richness. Other claims taken up to N. and S.

10 - 7 - 79

Butler's - repairing pumps etc.
Reef discovered near Hanging Rock by J. McIntosh. Reef struck in Bombay Co's ground, Costerfield.

24 - 7 - 79

Reports of Rush at Camp reserve (no details)

21 - 8 - 79

Dr. Robinson's machinery is being erected and battery is working at Reedy Creek. Recent rains make possible Mr. Hedley's sluicing.
Argyle Reef, 1 . Prospected, and reef struck in shaft at 90'. Lode 12" -18" thick.
Why-Not, claim - Redcastle. Clean up yielded 97 oz gold.

- 3 -

4 - 9 - 79

Still no payable gold at Camp Reserve etc.

9 - 10 - 79

Butler's Reef. Rich stone struck in reef Oct. 2. Much dead work done over previous months.
Why-Not Claim Redcastle - 100 tons gave 85 oz. Reef now worked at depth of 200'. Seam from 8 - 12 ft. thick.

23 - 10 - 79

Why-Not Claim, Redcastle. Last crushing yielded 128 oz, 5 dwt. from 185 tons. Rock taken out on 16 ft gold thickness. Workings now at 200' and shareholders consider forming a company.
New Rush at Major's Line, between Costerfield & Graytown. Gold of 5 dwt per load, with washdirt about 2 feet thick. Run in narrow Gully about a $\frac{1}{2}$ mile in length.

20 - 11 - 79

(Mining turns to better)

James Service Co. Gold struck on 140' level.

Old Argyle Reef. (Mr. Hedley) Gold struck.

Costerfield Co. New Antimony lode struck, a little to N.W. of old workings. Lode struck at 20 ft. from surface. Lode is from a foot to 18" in thickness.

Reports:

James Service Co. Ltd. N. drive now in 56'. Lode 15" thick.
S. drive in 12' - coarse gold.

Bombay Co. Ltd. - Costerfield. Contractors cutting plat and firing main shaft. Large quantity of ore to be raised as soon as shaft is connected with level.

Letter from D. Sim? deploring incompetency of the Local Mine Managers.
("Our Mines")

4 - 12 - 79

Alabama & Butler's Reef Co. Co. offering, by advert., portions of mine out on tribute.

11 - 12 - 79

Mine Managers Reports: -

James Service Co. Preparation being made for further sinking of South Main shaft when will follow two winzes in shoots of gold.

Bombay Gold & Antimony Mining Co. Costerfield.

Since last report (Nov. 20?), north level has been extended 35 ft. Good ore, 30" thick was out.

Morning Star Co. (Costerfield). Tenders invited for putting in cross-cut to cut Bombay lode.

24 - 12 - 79

Bombay Gold & Antimony Mining Co. Tenders invited for sinking main shaft 40', driving level 100'.

McIVOR TIMES 1880

22 - 1 - 80

Exhibition Gold Mining Co. Graytown. New company strikes gold 4 oz. 10 dwt. in first two dishes. (Formerly United Miners Gold-Mining Co.) Rock subsequently taken out of two sets of timbers yielded 27 oz. 10½ dwt. Since three other leases taken up at Compton's Creek, Old Graytown lead and Graytown respectively.

Costerfield

Bombay - Good gold and antimony still being won.

Forn and Bischoff claim - to west and adjoining Costerfield Co. Ten ft. below cap, well defined reef with coarse gold.

Morning Star Co. resumed on Jan. 19, and have cross cut 14'.

James Service Tribute Co. Small winding and crushing plant purchased.

5 - 2 - 80

Royal Crown Mine, commenced to sink shaft.

19 - 2 - 80

Costerfield's Co's Mine. New safety cage tested and was most satisfactory.

26 - 2 - 80

Why-Not Claim, Redcastle. Court proceedings, dissolving partnership and selling assets.

James Service Co. Ltd. Three dams completed Battery at mine and erection of head-frame commenced. Contractors in North shaft have 30 more to sink. Stone ready for crushing in three weeks.

Bombay Gold and Antimony mining. 549 bags ore shipped to date since last report.

Battery clean up yielded 24 oz. of gold.

4 - 3 - 80

Why-Not Claim, Redcastle. Notice of Auction of assets.

6 - 3 - 80

Why-Not assets sold.

11 - 3 - 80

Royal Crown, Gold Mining Ltd. Heathcote. Over fortnight; shaft sunk 11 ft. and timbered 12'. Total depth from surface 272 ft.

18 - 3 - 80

Huzorous essays on origin of metallike lodes.

1 - 4 - 80

Mr. Hedley, has recommenced work on his sluicing at rear of Heathcote Hotel after good rains.

- 2 -

8 3/4 - 80

Royal Crown Gold Mining Co., Over fortnight - shaft sunk 10', total from surface 291'. Water heavy.

15 - 4 - 80

Boring Co., under T. Hedley? (Later H.Y.L. Brown) commenced boring along Alluvial Flat along McIvor Creek.
New Reef found near old Blue Banner shaft in the lease recently held by Dr. Robinson on Norris' Reef.

Morning Star Co. 6 - 8' reef out.

22 - 4 - 80

New Co. to be floated for working antimony at Whroo. Management to be at Heathcote.

Bombay Co. Costerfield: Ore on bottom level of very high quality.

James Service Co. Heathcote: machinery approaching completion. Holed through into Shakespeare's old workings from N. shaft. Gold to be seen in ore, is hoped to cut rich shoot originally worked by Shakespeare.

Royal Crown Gold Mining Co. For 14 days shaft sunk 10', depth of shaft now 301 ft.

Continuation of D. Sims indictment of local mine managers.

29 - 4 - 80

James Service Reef. (News:-)
Struck gold on Shakespeare's old spur.
(Mine report)

Struck good gold in No. 2 shaft at 60' from surface. Erection of machinery at No. 1. shaft progressing.

Mr. Hedley has 40 hands employed at rear of Heathcote Hotel on his sluicing works.

Boring in McIvor Creek continues. Ground proved up to 50 ft. in depth. False bottom passed through at 30' and layers of wash found beneath. Little gold but nothing rich.

6 - 5 - 80

Costerfield Gold & Antimony Mining Co. No. 1 reached Bombay lode of Antimony and make another call to shareholders. Shareholders consider it more economical to sink another shaft than to continue driving through hard ground to meet lode. Lode is 20' wide in Bombay's Co's lease and is very profitable. This passes through the above Co.'s ground.

James Service Co. Stone struck in N. shaft; has gone under foot, dipping south sharply.

Royal Crown Gold Mining Co. For 14 days, shaft sunk 4', total from surface 305'. Solid shaft at 300' and now cutting plat.

13 - 5 - 80

James Service Co. N. shaft sunk 7' below plat, S. shaft extended 10'.

Bombay Co. Costerfield. Lode going N. carrying good lode.

- 3 -

20 - 5 - 80

Malvor Creek Boring. Bores down 70' or 80' without reaching bottom.

Royal Crown Gold Mining:- Plat out, shaft timbered, crosscut driven 4' with crosscut now in 12'.

James Service:- N. shaft sunk 18' below plat.

27 - 5 - 80

Bombay Co. Level going N. towards Costerfield Co., still carrying good lode. Stopes average.

3 - 6 - 80

James Service Co. N. shaft crosscut at lower level now.

Bombay Co. Costerfield. No 1 level going N. still carrying good ore - lode smaller than usual. Shaft down 52', smelting works proceeding.

17 - 6 - 80

Abandoned Clarke's Marianne Reef reopened.

8 - 7 - 80

James Service Co. Battery now in operation. Stone from lower level of N. shaft showing free gold.

Bombay Co. Costerfield - "Stopes showing splendid ore"

15 - 7 - 80

Royal Crown Co. Mine improving.

Hedley Sluicing continuing.

Boring Company now working night and day, and are between 150 and 200' without reaching bottom.

Royal Crown Mine now called New Royal Crown (No Liab). (D. Bins in "Our Mines")

22 - 7 - 80

Morning Star, Costerfield. Mining Inspector (Grainger) ordered immediate timbering of shaft. Hoped to find Costerfield Co's and Bombay Lodes.

29 - 7 - 80

James Service Co. Capital to be increased. Crushing to be resumed August 2.

Boring Co. are on 200' without reaching bottom.

Exhibition Co. Ground, Graytown, Alluv. gold (20 oz) taken in 14 days by two picks.

- 4 -

5 - 8 - 80

Royal Crown Co. Struck old lode. After crushing 50 loads, 131 oz. 12 dwt gold obtained.

19 - 8 - 80

Boring Co. abandoned deep bore and started on another.
Mr. Hedley still going strong.
Company to work Alabama & Butler's Reef is being formed.
Victoria Gold & Antimony Mining & Smelt. Co. New Antimony lode has been struck at Whroo.

2 - 9 - 80

Many rumours about gold being found in Boring Co's operations, varying from "5 dwt to the dish" to "when the rod was raised, gold was twisted around the auger". However, in spite of the company's reluctance to reveal information the editor considers that the stories of gold have some foundation.

9 - 9 - 80

Tributors on the James Service have struck gold "coming down under the break". The shaft and winse will be sunk on the two runs of gold which have been proved to go down.
Peep O' Day shaft to be sunk a further 50' by Victoria Co., Whroo. Portions N. rich, up to 90 oz. gold per bucket of quartz. Antimony ore also first class.
Butlers Mine - very good gold has been struck.

15 - 9 - 80

New Royal Crown. Boiler cleaned out, water cleared from mine and operation are about to recommence.
Butlers. Stories rumoured that ore will assay from 4 to 20 oz. gold per ton. Editor thinks may be 4 - 5 oz.

7 - 10 - 80

Mr. Hedley's Sluicing Works. Alterations being carried out with the view to raising the tailings higher and carrying them farther from the works.
G.R. McDonald & Party struck gold in 'Possum Gully. Three leaders being worked, each about 3" thick and bearing good gold.
Party who were boring ground in Sims' Freehold, on site of Old Creek Lead have discontinued boring without reaching second bottom (75'). They intend to sink a shaft. No mention of their having found any gold.

15 - 10 - 80

Sims' Freehold Party. Sinking commenced.
Boring Co's Lease refused by Mines Dept.

- 3 -

22 - 10 - 80

Alabama & Butler's Mine. Last crushing of 16 tons gave 83 oz. gold. Previous crushing of 15 tons gave 92 oz. Incompleted winze is holding up operations.

5 - 11 - 80

Sin's Freehold Party. Good progress is being made on the shaft. Water troublesome.
McDonald & Party's claim showing better gold.

26 - 11 - 80

Sims Freehold Co. Work retarded last week due to water breaking through. Shaft now down 26'.

3 - 12 - 80

Morning Star struck a good vein of antimony.
Butler's Reef, crushing yielded 211 oz 7 dwt.
Royal Crown, Shaft down to 320', and intend to sink to 380'.
Sims Freehold are now down 38'.

17 - 12 - 80

Butlers Reef 14 days crushing yielded 209 oz.
Royal Crown down to 330'
Sin's Freehold Co. ceased operations at a depth of 56', due to heavy water. Slate-reef struck at 46' which, they followed down perpendicularly for 10'.
(cont)

24 - 12 - 80

Bombay Co. 93 oz. gold from 65 tons ore.

1981 MISSISS

12 - 1 - 82

Antimony to be developed in North Costerfield Co.

19 - 1 - 82

Redcastle (May Day Co.) Yields 1 oz to ton, and total of two tons of antimony. Perry and Son crushed 6 tons and got $6\frac{1}{2}$ oz. 1 oz. per ton from Hawkins lease.

Staffordshire Flat. 31 loads gave 46 oz. 6 dwt, for 8 weeks work.

(12 - 1 - 82)

Sale of Royal Crown Claim Mining Plant. (advert)

North Costerfield Antimony and Gold Mining Co. During last 14 days 320' level has been extended a further 10'. Here reef is all quartz about 13" thick.

2 - 2 - 82

North Costerfield Co. Crushing ceased owing to a broken plunger.

9 - 2 - 82

North Costerfield Co. 320' level extended 23 ft. in 14 days, making from old working 150' and from cross-cut 418'. 12 loads yielded 10 oz. 8 dwt. 230' level driven 8' - no change.

23 - 2 - 82

Rush near Kilmore Road, nugget weighing 5 oz 14 dwt found "some time ago".
Report from North Costerfield Co. (5 months) Co. obtained a tribute of 15% on gold and antimony. 220' level, previously in 128', has been driven 50'. 320' level, previously in 268', driven 150'. 420' level is under water. Reef underfoot in 320' level is sufficiently good to warrant working the 420' level.

16 - 3 - 82

North Costerfield Co. Over 14 days, the 320' level has been squared and timbered up to the face.

13 - 4 - 82

North Costerfield Co. During 14 days, 320' level driven 11' making 456' from cross-cut. Small stream of water coming from footwall. Straight face between 320' and 420' level has been cleared and repaired and testing of reef over 420' level. 10" antimony showing under 320' level.

- 2 -

27 - 4 - 82

North Costerfield Co. During last 14 days 320' level driven 6' making 471' from crosscut. (April 13, 320' level 456'. Add 6' doesn't equal 471' !!) 4 tons antimony raised from 320' level.

11 - 5 - 82

North Costerfield, Antimony, Gold Mining Co. Last 14 days, 5 charges of ore from below 320' level (antimony?) have been put through the furnace which yielded 1 ton, 18 cwt, 2 gr. of crude (antimony?) worth £26 per ton. 320' level has been driven a further 23', making a total of 227' from old workings and 495' from crosscut. Patches of good ore.

Bombay Co. No. 3 level has been extended as rapidly as possible and stopes are looking well. Crosscut at No. 3 level has cut a vein of ore running parallel with main lode.

18 - 5 - 82

North Costerfield, Antimony, Gold Mining Co. 320' level has been driven a further 23', making 518' from crosscut. There is no reef in the face, a little water is coming from the hanging wall. 5 tons ore raised last 14 days by Edmonston's and party.

1 - 6 - 82

Bombay Co. 355 bags crude antimony have been shipped to England over last month. (May).
North Costerfield Co. 320' level has been stopped, and commenced a rise to test overhead. Six charges through furnace and 37 cwt crude antimony produced.

8 - 6 - 82

Rush at Redcastle reported

15 - 6 - 82

Nothing in rush at Redcastle.

Hospital Hill Rush. Wellington & Therton still finding payable gold. Hedley & Co. have sunk two shafts to northward of claim adjoining, but broke into old ground, and are now sinking more to the East. Altogether five shafts are being sunk. Ground is hard and deep.

22 - 6 - 82

Hospital Hill Rush. These (3?) shafts bottomed, sufficient gold to induce driving the ground.

29 - 6 - 82

North Costerfield Co. (Antimony and Gold Mining Co.) 320' level driven a further 17' making 279' from old workings and 547' from crosscut. Rise is now up 32'

- 3 -

13 - 7 - 82

North Costerfield - 320' level extended a further 13'. Rise is now up 45'. Ground is becoming harder and is carrying better quartz.

27 - 7 - 82

North Costerfield - During 14 days, rise over 320' level extended 8'. Stopping commenced over No. 1. level.

24 - 8 - 82

North Costerfield - Since last report, 4 charges of ore from stopes over No. 1 level have been put through furnace, yielding 23 oz. Antimony.

31 - 8 - 82

New Service Co. Rich specimens shown in town before sending to directors in Melbourne.

Excelsior Co. Lease taken up on old Wild Duck Reef. Water all bailed out of old shaft, which was originally sunk to 150'. Shaft being replaced repaired. Engine and machinery in good order.

28 - 9 - 82

Why-Not Ess Boiler exploded killing a woodcutter.

12 - 10 - 82

Maori Tom Reef - Majors Line. 6 - 7 oz gold from 6 tons recently, and during past 18 months max. of 3 oz. per ton obtained. Stone in reef becomes richer in depth.

19 - 10 - 82

Yield from various alluvial workings very poor, having greatly fallen-off of late.

9 - 11 - 82

Excelsior Co. Winze from 140' level has been sunk 36' on a well defined reef, until water prevented further sinking. Main shaft then continued.

23 - 11 - 82

Rushworths Sutherland & Thomson, for 16 days crushing, 221 oz. gold. Since erection of plant in August, have gained 530 oz.

Molloy & Co. 48 loads gave 221½ oz.

Clausen, 30 loads gave 57½ oz.

30 - 11 - 82

Alabama Co., Shares in new Co. have been completely disposed of.

Hedley and Co. have just installed a steam puddling machine at Heathcote Hotel.

4 - 1 - 83

Rushworth District. (Paper considerably damaged). Irving & Cameron? 30 loads gave 62 oz. 14 dwt. Hipgraves & Sons, 19 loads gave 60 oz. from scrubby reef between Whroo and Tait & Hamiltons. These are expected to gain 3 oz. - ton from "another reef in same claim". Sutherland & Thomson, 148 oz. in 6 weeks work. Milley & Co. 14 oz. from 19 loads from South Growlers. Franzell - 35½ oz from 11 loads from Paramatta. Clousen - 18 oz. "from small crushings" Old Neds Myers & Palmers - 9 oz. from 11 loads. London Reef (Allen & Co.) 25 oz. from 14 tons. Opperman & Co. 8 oz. from 11 tons.

8 - 3 - 83

Proslior Quartz Mining Co.

Wild Duck Creek. Since June 9, 1882, machinery and head frame erected. Water 110' from surface, and 30' above plat, i.e. plat 140' from surface. Considerable repairs to shaft were necessary. Shaft sunk 27' below plat. The level at 140' was extended 58' to 115' from shaft. Reef 3' thick. Shaft driven further 22'. At 127' from shaft, winse sunk 36', with reef going down between two well defined walls, 15" thick. 47 tons 16 cwt. crushed in Sandhurst yielded 15½ oz gold and ½ ton pyrite containing 1 oz. 7 dwt. gold. In last month 10 tons gave 5 oz 3 dwt.

3 - 5 - 83

Alabama Plant erection now almost complete.

17 - 5 - 83

Failure of Meadow Valley Sluicing Co.

Costerfield, Bloch & Co. crushed 9 loads from old Garibaldi Reef, 1½ oz. per load obtained.

24 - 5 - 83

Bombay Co. ready to start working again.

New Reef struck ¼ mile from Brown & Moodies' Lease.

1 - 6 - 83

Milley & Co. After having been imperfectly worked in past, splendid specimens obtained.

8 - 6 - 83

Costerfield Antimony and Gold Mining Co. Offered for sale.

Victory Gold Mining Co. Lease comprises Sugar-Loaf Hill, Tooborag. Lodes proved to a depth of 40'. Quartz yielded from 15 dwt to 2½ oz. per ton. Reef 16" to 18" wide in soft, decomposed granite country.

Robinson & Co. Costerfield. Crushed 55 loads for 39 oz. gold.

- 2 -

22 - 6 - 83

Costerfield Co. Sold on June 15th for £1000. Mine apparently intends to resume operations.

Alabama (Butler's) Reef. Water has been pumped out of shaft, and timbers found. Sinking to commence.

14 - 9 - 83

Boring of McIvor Deep Leads Pros. Co. Commenced near Church-of-England and are now down 50'.

21 - 9 - 83

McIvor Deep lead P. Co. Boring down between 60 - 70'.

28 - 9 - 83

McIvor Deep Lead Co. Boring down over 100', in dry powdery ground.

5 - 10 - 83

McIvor Deep Lead Co. Hard ground encountered, and bore down 112'.

12 - 10 - 83

McIvor Deep Lead Co. Bore down to 116'

19 - 10 - 83

" " Bore down to 120'

14 - 12 - 83

Old Tom Maori Reef. (J Davanny's) Crushing of five tons gave 2 oz. gold to the ton.

11 - 1 - 84

Scrubby Reef Mine:

Hipgraves & Sons, 48 loads, 10½ oz. gold
Ellis, 10 loads, 1½ oz per load
McLeish, 20 loads 15 oz.

Staffordshire Flat reef,

Burgess & Sons, 8 loads 19 oz.

Bombay Co. Engine shaft down 280', at 134' crosscut put into lode and levels extended North 348' and South 200'. In north end, crosscut driven in 30'. No. 2 crosscut at 72' below No. 1 also cut lode and levels extended North 310'. In N. level a crosscut has been carried into Eastern lode. No. 3, 67' below No. 2 extended North 341' South 106'. Prospects are now encouraging. Vein underfoot for whole length of N. level fully 15" thick. In order to work this part, main shaft will have to be sunk another 60'. Between No. 2. & No. 3 a large body of ore is visible, averaging 14" thick and 100' in length. Stone waiting to be crushed will probably yield from 6 - 8 dwt per ton.

1 - 2 - 84

Deep Lead Co. (Melvor) Calling for tenders for sinking a shaft at the foot of Red Hill.

14 - 3 - 84

Costerfield. Robinsons Co. amalgamated with "some adjoining claim" and to be called The Robinson's Gold Mining Co. Workings have only been extended 150' from the surface. 820 tons have been crushed yielding 1184 oz. gold.

Quarry-Hill Claim. Adjoining and included in above Co's ground is down 60' and average yield has been 7 dwt gold per load.

18 - 4 - 84

Staffordshire Flat.

Burgess' Reef. 14 oz. 6 dwt. gold from 8 loads.
Italian-Joe's Reef. 13 oz. from 9 loads.

2 - 5 - 84

Antimony - During last quarter, 200 tons of antimony freighted from Kilmore. "Most of the ore came from Costerfield".

20 - 6 - 84

Staffordshire Flat.

Braden & Son. 10½ oz. for 2 crushings, 10 weeks work for 2 men, 18½ oz. gold obtained.

Fowler, 7 oz. from 6 loads.

Mr. Hedley's Reef. 40 tons gave 15 dwt. - ton.

27 - 6 - 84

Crown Cross Reef Shaft sunk 60' below former stopes where former yields of 6 oz. - ton were obtained. On opening out, reef was found to be 3' thick, and better stone than previous.

- 2 -

4 - 7 - 84

Hedleys Reef. Second crushing of 40 tons gave 6 dwt. - ton. Previous crushing gave 11 dwt - ton. (June 20 news said 15 dwt. per ton.)

25 - 7 - 84

Alabama & Butler's Reef - Reef improving with depth.

6

1 - 8 - 84

Nuggett of 9 os. found at Red Hill by R. Norris.

5 - 9 - 84

Alabama & Butlers Mine. Trial, 11½ tons yielded 70 os. 3 dwt. Stone taken from sinking shaft and driving levels.

12 - 9 - 84

Opossum Gully, Burgess unearthed a nuggett weighing 18 os.

19 - 9 - 84

Caledonia Gully, (Sims, Farley, Marchesi & Trice) 8 tons trial gave over 7 os. per ton. Stone taken from a depth of 130', reef being 9" thick. J. Hedley, crushing of 25 tons (near Bald Hill) gave 17½ os.

26 - 9 - 84

New Reef 2 miles east of South Costerfield. Shows good gold and widened from 3 feet at surface to 7 feet.

14 - 11 - 84

Alabama & Butler's Reef. Crushing of 10 tons ore and "few tons of mullock" yielded 34 os. 4 dwt.

12 - 12 - 84

Alabama, 18 tons yielded 42 os. gold.

McIVOR TIME% 1885

23 - 1 - 85

Alabama - 63 os. gold for 14 days.

27 - 2 - 85

Robinson's Gold Mining Co. Costerfield. Crushing plant installed. 30 HP engine, battery of 3 leads of 12 stamps. Reef on Hill, 250 yds. from plant. Reef $8\frac{1}{2}$ feet wide. Quarry Hill shaft is down 60'. (This is the haulage shaft). Robinson's shaft is down 130'.

10 - 4 - 85

Redcastle: Moonlight Line of Reef. 2 loads gave 4 os. 7 dwt.

17 - 4 - 85

Alabama: good gold struck during the week. Gold struck freely in crosscut at 500' level.

24. 4 - 85

1 - 5 - 85

Hird & Bros. have been at work on "deep ground" - 33', opposite Ben Nevis Hotel. Two shafts were put down off a false bottom $4\frac{1}{2}$ dwt. were obtained, and in the other shaft 5 dwt. Mr. Hadley struck bottom at 33' with bore.

8 - 5 - 85

Rushworth: Mascotter mine. Last week 53 tons ore yielded 46 os. gold. Reef at 180' level is 4 feet thick.

12 - 5 - 85

Alabama & Butlers. 60 loads gave 54 os. gold of this about 9 tons was reef quartz.

Bombay: shaft sunk 8', trial crushing of 75 tons - 7 gold. Smelters operating.

21 - 8 - 85

Alabama Mine. 53 os. yield on crushing. Shaft to be sunk deeper.

4 - 9 - 85

Alabama & Butler's Mine - gold yield for 12 months was 723 os.

13 - 11 - 85

Bombay Co. - for sale.

19 - 3 - 86

Costerfield Co.: Big engine sold.
Bombay Co.: Mining plant sold.

26 - 3 - 86

Red Hill Diamond Drill. At 146' quartz leader 7" thick struck. A number of small quartz veins had been struck previously. Total depth 1508.

7 - 5 - 86

Red Hill Diamond Drill. Down 450'.

" " " " Down 500'

28 - 5 - 86

Alabama & Butler's Mine. Results unsatisfactory.

11 - 6 - 86

Plant of Robinson Gold Mining Plant, Costerfield - offered for sale.

Rushworth; Crown Cross Reef. 92 tons produced 1006.5 gold. two months ago 766 os. from 76 tons.
Bound to win: 140 tons yielded 159 os. gold. (4 men, 4 weeks from reef 8 feet thick.)
Try-again Co. (Hard Hills) two months ago, 51 tons yielded 425 os.

18 - 6 - 86

Diamond Drill, after completing second bore is to commence drilling at the Alabama mine (with the sanction of the Shire Council). If drill does not pick anything up in Alabama Mine, mine will have to close.

25 - 6 - 86

Alabama Mine - crushing for last fortnight 60 os. Mine has been closed, and will be let out on tribute.

Diamond Drill (Red Hill) is now down 140'. A number of quartz leaders were passed three for the first 80'.

Diamond Drill report,

No. 1 Bore - To 200', ironstone and quartz
154', Quartz 8" thick
200', difficulty in circulating water.
200-500', Rock mixed with quartz veins

showing mundic etc.

No. 2 Bore (600' to South of No. 1)

(Actual description of strata passed three in Bore No. 1 - if required - Descript. general.)

through

2 - 7 - 86

Diamond Drill Bore - Gold struck in No. 2 bore at 190'. Gold met with in rubbly quartz leaders and fine colours brought up in the sediment for about 8 ft.

- 2 -

11 - 12 - 85

New reef discovered North of Costerfield Antimony workings. At surface is 15-18" thick, and is a good sample of antimony ore with a little gold. Shaft is down 12'.

- 2 -

10 - 7 - 86

Traytown. Mining operations to be resumed in the Spring-Creek District. Co-op.Co. to work the old "Wet Lead".

23 - 7 - 86

Diamond Drill. Boring for purpose of raising broken rod is being proceeded with.

30 - 7 - 86

Rushworth. Splendid yields have led to seventeen applications for mining leases.

13 - 8 - 86

New Discovery at Rushworth. New run about 1 mile north of township. Stone thin, country broken. 3 dwt. to the dish.

Diamond Drill:- Rod broken again at 110 ft.

1 - 10 - 86

Third Diamond Drill hole, 10' from second, in which rods broke twice, is now down 215 ft.

22 - 11 - 86

Diamond Drill now down 570' (Red-Hill Bore No. 2b)

24 - 12 - 86

Details of Bore No. 4 available if required. (general descript. of strata)

NOIVOR TIMES 1887

25 - 3 - 87

Graytown:- Spring Creek & Graytown Gold Mining Co. First bore bottomed at 78' with gold being found. Second bore at 78' (same depth) ironstone bolder lying on a good pipe-clay bottom.

22 - 4 - 87

Two small nuggets found. £10 nugget in Old Creek Lead workings.
£14 nugget at Red Hill.

6 - 5 - 87

Loc. of Norris' Old Reef, Long Gully. Sims & Party have obtained excellent prospects in their shaft.

30 - 9 - 87

Co. being formed to work Clarke's Welcome Reef, Solavonian and Hit-and-miss reefs. Redcastle. 24,000, 5s shares.

14 - 10 - 87

Graytown Co. floated to work ground at Graytown. (Miller's Freehold Gold Mining Co.) 27,000 shares of 10/-
No. of bores bottomed at depth ranging from 76 - 100'.
Crown Cross Co. Rushworth. 553 oz. gold from 53 tons stone from No. 1 paddock, and 16 oz. from 22 tons from No. 2, making 569 oz. from 75 tons.

McIVOR TIMES 1888

10 - 2 - 88

British Queen Reef. Parson's Gully. 190oz. gold from 15 tons stone.
Sims & Co. Long Gully, 2 oz. to ton in the crushing.

24 - 2 - 88

Graytown. (Spring Creek Gold Mining Co.) Mining operations have commenced.
A "powerful engine and splendid plant" erected. 2 oz. gold off bottom of shaft.

15 - 6 - 88

New Reef. - at head of alluvial workings at Long Gully, found by Longmore & Smith.
11 oz. from 12 loads.

17 - 8 - 88

Spring Creek Co. Week ending July 27, washed off two machines for 13 oz.
East Drive 94',
West Drive 76' and holed through to N. drive from No. 2 west which is 73'.
Half yearly meeting. - Light machines sluiced off for 78 oz. 13 dwt., the
best, 18 oz 5 dwt, and lowest 6 oz. 13 dwt taken from wash-dirt only.

14 - 9 - 88

Spring Creek Co. (to August 15)
West drive 23', No. 2 North from East 10', total 131'.
No. 3, North 27' total 57'. East drive 32', total 145' from 2 North.
One machine washed for 6 oz. 9 dwt. Washed another for 6 oz. 1 dwt. 8 grms.

McIVOR TIMES 1889

4 - 1 - 89

German Gully (Andrew Hansen). 10 loads recently yielded 38 oz.

8 - 2 - 89

3 diviners visit Heathcote on recommendation of Mines Dept. Melbourne !!!

13 - 6 - 89

Alabama Co. Machinery bought by the Fontainbleau Syndicate. 300 tons at gross and 10,000 tons ready for stoping at average grade of 5 dwt/ton.

22 - 8 - 89

Australian Native Mine, Rushworth. Rich reef struck "No better stone has been struck for the past 20 or 30 years."

26 - 9 - 89

Crown Cross Co. Rushworth. Rec. deposited 400 oz amalgam and bank of Victoria. Crushing was commenced last Friday (Sept. 20), 150 tons having been raised. Reef is 9'6" thick and shows free gold.

10 - 10 - 89

Reef discovered on top of McIvor Range on track to old Antimony mine. Reef is 2 ft. thick and should yield 1.5oz. of gold.

17 - 10 - 89

Crown Cross Co. Rushworth. Finished crushing 400 tons, and yield being 655 oz. 50 ft. have been opened up along reef north and south. New Reef McIvor Range. 60 yds long, 2 feet wide followed down 16', with gold of an extremely fine character.

24 - 10 - 89

Shaft being sunk in New reef. It is down 24'.

14 - 11 - 89

New Reef, At 30' depth reef is 3' thick and showing coarser gold.

McIVOR TIMES 1890

2 - 1 - 90

Assay of ore from New Reef is 1 oz. to the ton.

20 - 2 - 90

Iona Reef, on McIvor Range. Tender accepted for sinking shaft to 100'.

6 - 3 - 90

Shaft (Iona Reef) down 30'.

17 - 4 - 90

Iona Reef. Party struck gold in shaft.

5 - 6 - 90

Balaslava Mine (Whroo) has struck payable gold close to surface.

Australian Natives Mine. Slightly over 4 lb. gold panned out from 2 dishfuls of dirt. (Second sensation in a week.)

4 - 9 - 90

Reef on the Range. Shaft down 70'.

4 - 12 - 90

New Co. called the "New Costerfield Gold & Antimony Mining Co." being formed to work ground of Costerfield Gold and Antimony Mining Co.

Bombay	"	"	"	"
Morning Star	"	"	"	"
Alison	"	"	"	"
South Costerfield	"	"	"	"

16 - 4 - 91

Welcome Reef, South Costerfield - on crushing 14 tons yielded 55.5 oz last week, (4 oz. to the load). Stuff taken just on water level at 156'. Previous crushing of 10 tons gave 41 oz.

9 - 7 - 91

Royal Commission on Gold Mining. General description of gold mining activities by locals. No details or dates.
(Following are some summaries which may be of use) -

Creek Lead - discovered in 1858. 10,000 miners on land. Nuggets up to 68 lb. Extent of lead about 1 mile, starting from Lake Hotel, and in some places 3 chains wide.

Old Caledonia Lead - 200' long to 1 ft. wide at surface. Worked down to water at 90', giving 20 - 30 oz. to ton. Claims amalgamated, and called the McIvor Caledonia Co. - Co. erected machinery and sank to 300'. Co. put down 240' shaft at £20 a foot. They eventually put in a crosscut to west, and when in 240', they found that they were not below the old workings. Co. was sold for £1,525. Machinery went to Winter's Freehold. Cos amalgamated and later called Alabama & Butler's. Machinery was moved to Old Caledonia, and after 600' sinking of shaft abandoned the claim altogether (old Caled Reef).

Old Argyle Reef - Worked down to water at 90' but reef became solid with no gold in it.

Possum Gully Reef - very rich to 120', averaging 7 oz. to the ton.

William's Reef - Shaft down 450', and last crushing gave 177oz. to 120 tons

Local Reefs are about 25° west of north is. 335°. Long Gully reef cuts the course of the Alabama reef almost at 90°.

Rosey Gully Reef - Originally gave 25 oz. to ton. One crushing went 435oz and another 325oz. but rapidly petered out.

Costerfield Gold and Antimony Mining Co. - (Debney) " have seen the reef 13' thick and of pure antimony". At 620' reef was 6" thick with 1 oz gold per ton and little antimony.

Alison Mine. Had yielded 20 oz. to ton, and stopped when shaft reached 380'

Brown & Moodie took 6 - 8 oz. gold from Costerfield mine.

McIVOR TINES 1893

16 - 3 - 93

Stafford Co. Staffordshire Flat.

Good stone from 10' from surface and 200' from shaft. Much is taken from a diorite dike (over 20' wide).

Robinson & Bros. - Costerfield.

After sinking main shaft and crosscutting, have struck splendid stone at a depth of 190', the reef being 11" thick. Stone is estimated to yield 5 os. to the ton.

30 - 3 - 93

Friswell & Ashworth

8 tons for 48 os., from British Queen Reef, Parson's Gully, are now sinking to catch the reef lower down.

Graytown.

J. Allegri. 5 tons gave 14.3 os.

H. Ohrs 5 tons gave 24.4 os.

6 - 4 - 93

Wallace & Party, Bald Hill

10 tons gave 0.75 os - ton.

27 - 4 - 93

New reef at head of Sailor's Gully, near Kyneton Rd.

Machinery at New Costerfield Co. is almost installed.

4 - 5 - 93

New Costerfield - Metals Extracting Co.

Dewatering first, then treatment of antimony and tailings. Two engines 14" and 16" cylinders. Percussion tables and Watson & Denny Fans to be completed. Old shaft cleaned out to a depth of 60' and a good lode going 40% antimony and 1 os gold per ton. Lode about 8" thick. Expenditure to date £1,805 - 12 - 10.

11 - 5 - 93

Second crushing from Wallace & Party's claim gave 4 - 5 ounces for 10 tons.

New Costerfield. 10 stams installed and bed for new boiler laid.

Boek Bros. Bradley & Burgess. Started crushing at Staffordshire Flat and had to put through 22 loads for a total yield of 22.75 os.

18 - 5 - 93

New Reef disc. by Eyre on opposite side of Kyneton Rd. to the good reef now being worked.

New Reef disc. by Boek, $\frac{1}{2}$ mile north of the Costerfield line (on same line as other workings). Reef is about 1 foot wide. Addit 30 loads for 34 os. taking stuff from 12 - 14 feet wide in Diorite Dyke.

Why-not. Staffordshire Flat. 30 loads gave 34 os.

McIVOR TIMES 1892

19 - 5 - 92

Redcastle - old Niagra Claim. Boiler engines and other appliances have arrived.

23 - 6 - 92

Hall & Hedley Opossum Gully sunk 150' and driven 60' and there are nice colors showing in leaders running into reef. In past reef has given up to 20 os. to the ton. T. Hall has taken up the Duke of Edinburgh reef and hopes to form a company.

Robinson Bros. 15 loads for 65 os "the other day"

Reid Bros. 15 loads for 22 os.

28 - 7 - 92

Robotham & Knersch crushed 10 tons from James Service for 2.6 os. F. Knersch crushed 10 tons from Red Hill for 2.75 os. Hall and Son have started on the Red Hill tunnel.

18 - 8 - 92

Clarke's Claim Redcastle, taken up again. New head-frame erected. Boiler strong and substantial. Shaft depth 320', to be sunk a further 100' to 420'.

25 - 8 - 92

Norris & Party's - Hil Desperandum. Now have 8 loads at grass.

Heenan & Ellis in the Real-Estate No. 2, in No. 2 South from above the same line, have out the reef at 12'. Reef is 3' in thickness.

Robotham & Knersch crushed 7 loads from Swedes Gully for 3.6 os.

8 - 9 - 92

Grayton. Two lots of stone totalling 12 tons gave 22 os.

6 - 10 - 92

Robotham & Knersch reef in Swede's Gully, 10 tons for 3.75os.

J. Harnell, Monday Gully. 10 tons for 3.6 os.

13 - 10 - 92

Redcastle lease, last 10 tons gave 41.3os. (unofficial)

24 - 11 - 92

New Costerfield Co. being organized.

Heenan & Ellis 1/2 tons for 14 ounces.

Robotham & Knersch 10 tons gave 8 ounces.

Hall & Son, Red Hill 25 os. per ton.

Hird, Bald Hill 25 os. per ton.

J. Harnell Jnr. 2' reef, 10 tons 5 ounces.

15 - 12 - 92

New Costerfield Co. which in setting up includes in its program the treatment of 60,000 tons of tailings.

- 2 -

25 - 5 - 93

Bradley-Book & Co. have put through 72 loads for 76 ounces. Reef 22 feet wide.
Bradley Bros. have a quantity of stuff about 55 tons, expected to average
4 oz. to the ton. Reef 15 - 20 feet wide.
Graytown - Mason & Baily. 5 tons gave 9.65 oz.

8 - 6 - 93

Eyre Bros. 23 tons - 41 oz. gold.

15 - 6 - 93

Bradley Bros. Staffordshire Flat. 2 tons gave 37 oz.
Edwards Reef 1 mile E. of Costerfield. 2 oz - ton. (4 loads)
Edwards & Robinson, Emu Creek. 5 tons gave 8 ozs.
Brown & Burgess, Staffordshire. 10 loads ~~from~~ yielding 6½ oz.
Bradley Bros. 18 loads from reef put through for 36 oz.
(80 Depronodon skeletons discovered at Lake Frome on June 12.)

29 - 6 - 93

Tooberag. Co. struck reef in tunnel.
Graytown "Four Mile" revival. 6 tons for 24 oz.

13 - 7 - 93

Robinson Bros. Costerfield. 20 loads yielded 50 oz.
Hansen & Woolley of Bald Hill. Truck of stone went 1.2 oz - ton.
Tooberag Tunnel. 15 lbs hand picked?? spec. went 5 oz - ton. Reef 9" thick.
Robinson Bros. Claim. 20 loads - 2 oz. per load.

27 - 7 - 93

Graytown Four mile. H. Orhrt has crushed 6 tons for 19.9 oz.
J. Allegri - 3 tons for 5 ozs.
Whroo: Balaslava 16 tons gave 2 ounces
Mitchellstown, Burke & Nagel. 4 tons for 4 ounces.
Meridith & Son, 6 tons for 0.9 oz.

10 - 8 - 93

Bradley Bros. Have opened up a rich vein which appears to go about 10 oz - ton

17 - 8 - 93

Eyre Bros. Crushing last week of 33 tons gave 19.15 ozs.

- 3 -

24 - 8 - 93

Tailings from Costerfield Co. treated at Bendigo, 23 tons yielded 15.95 ozs.

31 - 8 - 93

New Costerfield plant "Christened"

Old Clarkes Reef, Redcastle, 7½ tons gave 2.25 oz. gold

14 - 9 - 93

Redcastle - History :-

Redcastle Co's. Mine, (Clarke's Reef) discovered by party of Italians and Austrians, led by Antonio Geronovitch in 1859. Crushings yielded 4 oz - ton. Clarke took up No. 1 north, and obtained yields from 4 to 30 & 40 oz. Gold followed for 175'.

Hit & Miss Co. took up No. 2 north and first crushing gave 12 oz. - ton. Higher was 22.5 oz - ton or 265 oz for crushing. Claim abandoned when broken ground encountered.

Niagara Co. occupied line about 1870, obtaining only about 2 oz per ton. Mine taken up by Redcastle G.M. CO. - has started in old shaft which is down about 350'. No. 5 level in 140'. No 5 level is in gold. No. 6 crosscut is in about 36'. No. 7 in 100'. Trial from No. 5 gave 2.25 oz. per ton.

Tokalon Co. (Old Why-Not), intends to buy machinery.

Tokalon No. 1 south, yielded 2 dwt - 1 oz per ton years ago. Only worked to 50'. Reef from 4 - 10 feet.

A.T. Mitchel took up this line of reef, and there is a spur at 30', 18" thick going eastward. Old reef in parts 4 - 8 feet thick and yielded from 0.2 - 4 oz. per ton. Thousands of tons of mullock around, 5 dwt - ton.

Reef runs N. & S. and underlies to west. There is indication of its being a saddle nth east and west leg.

Curley Dog Reef yielded from 1 - 9 oz per ton and varied from 3 - 20 inches thick. Line traced for 1½ miles and worked to water level 200'.

Recently Mr. Bradley had 9½ oz from 31 loads of stuff.

South of Bradley's reef on Curly Dog line, Sullivan, years ago, obtained 66 oz. from 6 tons on trial crushing. Depth worked to 150' when break occurred.

Union Gold & Ant. Min. Co., 1 mile east of Redcastle on Graytown Rd. Reef made into antimony at 12', average gold was 2.1 oz. per ton. Reef varies from 8" - 2' in bulges. At 100', reef is 18" thick.

Beautiful Venice line of Reef to depth of 200', yielded up to 7, 8, & 9 oz. per ton 25 years ago. Water beat them.

Reef recently opened by Babbidge and Chapman about 1 mile north of Why-Not. Crushed 7 tons, 10 ft. thick, yielding 17½ dwt.

Claim S. of Clarke's old Niagara Reef yields up to 18 oz per ton obtained about 186'.

21 - 9 - 93

Redcastle

Redcastle Co. still raising stone from reef in No. 5 level.

Tokalon Co. overhauling.

28 - 9 - 93

Costerfield Co.

Yields were 3.8 oz. per ton.

19 - 10 - 93

Glencarr Co. Party now down 85', reef is 18" thick.

Costerfield Co. Concentrates are 8% of bulk and assay 2½ - 3oz. gold, and 20 - 30% antimony.

Mitchell & Party Redcastle - sunk to depth of 70'. Reef 7' thick carrying 0.5 oz gold per ton.

Graytown

Taylor & Johnston	14 tons	- 4.1 oz.
Baily & Mason	17	- 9.75
Shepherd & Cragie	10	- 9.25
Ohrt & Son	10	- 39½ oz
G. Ohrt & Nelson	11	- 37
Ealy & Sullivan	4	- 7.35

Article (no details) on New Costerfield - 2 - 11 - 93.

9 - 11 - 93

Cosmopolitan Mine - proceeding satisfactory

MOIVOR TIMES 1894

22 - 2 - 94

New Costerfield Metals Extracting & Mining Works. Tailings to be treated by the new chlorination method.

8 - 3 - 94

Cosmopolitan Co. Graytown. Crushing, pending repairs, on a "few loads of quartz" yielded 63 oz 18 dwt.

15 - 3 - 94

Tokalon Mine, let on tribute, and 14 tons giving 48½ oz. Before Christmas (1893) 8 loads gave 12 oz. 14 dwt.

5 - 4 - 94

New Costerfield Metals Ext. & Mining Co. First clean up after chlorination. 104 tons tails yielded 13 oz. 5 dwt. This was disappointing in view of what was expected. Poor recovery was due to inefficient filtering. Assay of sand treated was 16 dwt per ton, and after chlorination found to contain 2 - 3 dwt - ton, but most lost in liquors which were not filtered satisfactorily.

26 - 4 - 94

Tokalon Mine - Tributary rec. cleaned up 30 oz. gold for 13 days work. Nugget 5 oz 4 dwt found at foot of Long Gully, by G. Walsh

Redcastle Mine, Reef appears to contain 20 - 30 oz. gold per ton, and reef widens from 18" to 5 feet, with free gold throughout. Crushing Machinery to be erected.

3 - 5 - 94

New Costerfield Mine

Clean up gave very poor yield - no figures

10 - 5 - 94

Redcastle Gold Mining Co.

Assays from 350' level

- i) Harrold Bros, 96½ oz - ton
- ii) J.C. Fraser 100 oz - ton
- iii) School of Mines 74 oz - ton

Tokalon Mine.

72 tons yielded 30 oz gold - ton.

Graytown. 13 tons from Whroo crushed for 41 oz.

6 tons midway to Michellstown, gave 29 oz.

Coys diggings - 4 oz to ton.

31 - 5 - 94

New Reef between Costerfield & Redcastle. 8 loads gave 21 oz gold, from depth of 8' from surface. Reef is about 3' wide.

14 - 6 - 94

Buskworth Reefs

Perserverence (or Pioneer) had 5334 tons ore taken from it, yielding 7,020 $\frac{1}{2}$ oz gold. Depth attained 640'. Reason given for stoppage was that it belonged to a Bendigo Co., whose shareholders finding a suspens. of dividends, determined to reclaim what they could in the form of capital, sold the machinery for what it would fetch.

Nuggetty Reef

184 tons - 19 dwt. 9 g. (180')
330 tons 1 os 4 dwt. (300')

Crown & Cross Reef. Yields gold 3 - 4 os - ton, but ground was patchy and this caused discouragement.

Mongolian Reef. 31 tons taken between 50' & 200' levels averaged 7 $\frac{1}{2}$ oz. to the ton, another 11 tons averaged 12 oz, and numerous other patches of less rich stone were found.

Phoenix Reef, over £20,000 worth gold taken.

Reported yields -

Crookers reef, 13 tons - 293 oz. 7 dwt. at 150'
60 oz gold taken out of heap before going to mill.
16 tons - 23 oz at 100'
20 tons - 2 $\frac{1}{2}$ os

Whroe. Carr's Reef

10 tons - 11 os 17 dwt.
253 tons 8 dwt. at 140'

Albert Reef

4 $\frac{1}{2}$ tons - 23 os
12 tons - 10 os
10 $\frac{1}{2}$ tons - 141 os.
27 tons - 243 os.

Perserverence Co.

£250,000 worth gold. Little work done below 300', although shaft sunk to 420'.

Balaclava Reef

Party cleared £25,00 in 13 months.

Mary Reef - 5' - 6' thick, early miners got 5 - 6 os. per ton, deepest shaft 140

At Coy's, Byron Reef was yielding so largely for a time, that quarter shares were selling at £1000 a piece.

As at Heathcote, reefs hardly ever worked below water level (200 - 250')

6 - 7 - 94

Gold from this division for previous quarter was 790 os.

- i) 370 os. from Reef Mines
 - ii) 420 os. from alluvial mines.
-

13 - 7 - 94

Costerfield.

Trial at New Coster. Mine, resulted in 6 dwt. to ton being saved through the pan process ???

- 3 -
20 - 7 - 94

New find at Staffordshire Flat, Costerfield, for 3 weeks, 17½ oz. from surface sinking.

Marianne Reef. 6 tons - 4 oz. 17 dwt. Tokalon Battery
4 tons - 2½ oz. John Collins' Battery.

Knowsley. 2' reef found on private prop. and expected to go 6 - 7 oz. - ton.
(Mr. Middleton)

3 - 8 - 94

Spring Creek Lead Payable gold struck at 93'.

24 - 8 - 94

Mr. James Stirling, together with one of the juniors, Mr. Whitelaw, visited Costerfield, Staffordshire Flat and Redcastle.

21 - 9 - 94

Mines Dept. Report on -

Costerfield & Antimony Mine
The Prentice R
Staffordshire Flat (Curley Dog Reef)
Union R
Happy-go-lucky
Redcastle mine.

28 - 9 - 94

Union Mine to be reworked. 21 oz - ton yielded in experiments at Adelaide.

19 - 10 - 94

Burgess Bros. Staffordshire Flat. 47 tons rubble yielded 27 oz. 12 dwt.

26 - 10 - 94

Graytown

Franks & Pope 2 tons - 2 oz. 14 dwt.
Hohmann 4 tons 14 oz 15 dwt.
Laroy & Pape 5 tons 9 oz 13 dwt.
Neilson Bros. 16 tons 25 oz 5 dwt.

Redcastle Co. 100 tons - 144 oz. retort gold.

Knowsley Gold Mining Co., reef 4' wide has been found carrying good gold.

British Queen Heathcote, 10 loads sent to the Shenandah Mine gave 19½ oz.

2 - 11 - 94

Marianne Reef 9 tons 4.8 oz.

Graytown Fred Titmouse 2 tons, 2.5 oz.
Will Cragie 2 tons 5.5 oz.
Davis & Northousand 9 tons 43.25 oz.

- 4 -

9 - 11 - 94

Gold yield in Heathcote district for last month (October) was 384 oz.

Collier of Costerfield, 4 tons, 5 oz.
Potter of Heathcote 10 tons 2 oz.

16 - 11 - 94

Bradley Bros. 10 tons / 15 oz. ||
Redcastle Co. 7 days / 50 oz.
Red Hill 6 tons / 4 oz.

New Knowsley Reef. Down 18'. At 12' particularly pure antimony reef,
12 inches wide.

7 - 12 - 94

Gold yield Heathcote for November 268 oz, of which 136 oz came from
alluvial workings.

21 - 12 - 94

North Welcome, Staffordshire Flat. In sinking shaft to 70' obtained 45
loads, with yield 18 oz. Reef is 9 feet wide and shows gold freely.

New Knowsley Mine Down 18'. At 12' particularly pure antimony reef,
12 inches wide.
Down 20', 2' reef shows antimony veins, and quartz. Quartz goes 1 1/2 oz gold
per ton

28 - 12 - 94

Messrs Book
39 loads gave 55.45 oz.

Malvor Times 1895

4 - 1 - 95

Marianna Reef, Redcastle, (crushed at John Collins), 2 tons, 2 oz - 5 dwt at 150' depth.

11 - 1 - 95

Gold yield last quarter - 1147 oz. (762 oz. from Q. Reefs)

600 oz. above previous quarter.

Years total 2854 oz, 1098 oz more than yield for 1893.

15 - 2 - 95

Five-Miles East of Graytown - Rich find by G. First crushing 2 tons - 36 oz. with 3 oss. from surface waste.

22 - 2 - 95

May & Bros. installing plants for extracting gold from antimony by the lead process.

15 - 3 - 95

Graytown Workers

Book	5 tons	-	3½ oz.
Cragie	6 tons	-	9.35 oz.
Titmouse	3 tons	-	3.3 oz.
Hopman	3 tons	-	2.7 oz.
Neilson	7 tons	-	18.75 oz.
Oht & Son	4 tons	-	16.75 oz.
Early & Sullivan	3 tons	-	5.8 oz.

11 - 4 - 95

Eyre Bros & Hirsch

25 loads (13½ reef 11½ seconds) gave 30.5 oz. (from depth of 130'.)

Mr. J.J. Christmas's lead process for separating of gold from sb. has proved very satisfactory.

3 - 5 - 95

Graytown McCulloch & Party. 24 oz. from 12 tons. Other lots averaged 5 dwt. while others were unpayable.

10 - 5 - 95

Redcastle, Chamberlain & Co. 4 tons (13 dwt per ton)

Hexton & Party 6 tons - 7.5 oz.

Costerfield,

Robinson Bros. 15 tons - 10 oz.

21 - 6 - 95

New Why-Hot Mine

60 tons from crosscut in No. 4, yielded 20 oz.
Add. 10 - 15 head battery to be erected.

Graysboro -

Donnellan & P.	7 tons	- 16.45 oz.
Crappy & Johnson	3	8.4 oz
Nagel & Laden	2	2.4 oz
Wee Kick	3	2.1 oz
Burke & Party	14	45.0 oz
Ineson's Reef (4 mile)	7	9.0 oz

23 - 6 - 95

Graysboro -

Heilson Bros	10 tons	- 19.0 oz.
Ohrt & P.	5	20.0
Early & Sullivan	3	4.5
Kilcorran Gold Mining Co.	3 1/2	11.9 oz.

12 - 7 - 95

New Why-Hot Co. Redcastle.

Last fortnight, crushed 100 tons for 23 oz. gold.
Mines dept. statistics on gold production.

25 - 7 - 95

New Why-Hot Redcastle.

60 tons crushed for 8 oz.

16 - 8 - 95

New-Why-Hot, Redcastle

<u>Redcastle G.M.Co.</u>	85 tons yielded	40 oz.
	3 tons yielded	11.2 oz.
<u>Reid and Burgess</u>	6 tons	11.0 oz.

22 - 8 - 95

Staffordshire Flat

Reid & Burgess after six weeks prosp. 6 tons yielded 11 oz.
Massy crushed 6 tons for 6 oz.

30 - 8 - 95

Bradley Bros.

9 loads yielded 15 oz. 1 load mullock 9 dwt.

Redcastle - battery to be erected on 'Happy Jack' originally known as 'the mullocky'. Reef 3'6" wide.

- 3 -

6 - 9 - 95

New Why Not: 53 tons for 15 $\frac{1}{2}$ oz.

Redcastle G.M. Co. have struck splendid stone.

Alabama & Butler Lease & Old Apple lease are being reapplied for.

11 - 10 - 95

Union G.M. Co. Redcastle are cleaning up old workings (with intention to reworking?)

1 - 11 - 95

Eyre Bros.

Over periods of intermittent working 147 tons stone have yielded 246.6 oz. (total amount of gold being obtained from the opening being 307 oz.) Water closed the original mine. New Mine will be known as North Butlers.

Graytown (last week)

Neilson Bros.	11 loads	-	16 oz.
Craigie	8		17
Ohré	5		19
Donnellan	3		7.5 oz.

Graytown G.M. Co. Bottomed on payable gold, getting 2 oz off bottom.

8 - 11 - 95

New Why-Hot.

Over last 6 weeks machinery has been overhauled. Crushing got underway with a 5 stamp battery. About 50 tons from No. 4. level.

Graytown:-

15 - 11 - 95

Niel Bros.	3 tons	-	3.5 oz.
Davidson &	6		6.2 oz.

mater.

Local crushing plant closed for want of water.

13 - 12 - 95

Redcastle G.M. Co.

Last fortnight 125 oz.

New Why-Hot Mine 50 tons for 18.5 oz.

Graytown Wm. Neil. 2 tons for 12 oz.

Costerfield Donnelly 4 flour bags - 4 oz.

Bertram & P. 10 tons - 11 oz.

Costerfield, Ashworth 2 tons - 1.15 oz.

McIVOR TIMES 1896

3 - 1 - 96

Bradley Bros. 9 loads from Curley Dog Reef at Staffordshire Flat for 20.7 oz.

Graytown,

Alluv. Graytown G.M. Co. 6.9 oz.
Goff 9oz. 16 dwt from 1 ton.
Davidson 3.5 oz. from 6 tons.
Allegri 6.0 oz. from 7 tons.
Early & Sullivan, 3.55 oz. from 3 tons.

9 - 1 - 96

Graytown Alluv. Co.

3.3 oz. for the week.

Mitchellstown, 33 oz. from 27 tons from Cos. Battery, and 500 oz. obtained by puddlers and indiv. alluv. miners during past three months.

Gold yield for Vic. 1895, 727,706 oz, which is an increase of 14,621 oz. as compared with 1864.

23 - 1 - 96

North Butlers G.M. Syndicate Co. Steam Engine purchased from Birmingham, and work on foundations has been proceeding.

6 - 2 - 96

North Butlers G.M. Co.

Machinery in position and capable of mining down to 1,000 feet.

20 - 2 - 96

Graytown G.M. Co. putting in a level for the Exhibitions Co.'s boundary.

Graytown returns from quartz are as follows -

Neil Bros. 11.75 oz. from 6 tons.
Davidson 5.3 oz. from 6 tons.

27 - 2 - 96

North Butler's G.M. Co. Mine formerly belonged to Eyre Bros. and was known as the Reward Claim, and is situated 2 miles from Heathcote on the Kyneton Rd. Yields have been from 1 to 3.5 oz. per ton. Mine is on the same line of reef as the South Butlers Mine has erected a 16 horse power winch and vertical boiler. Shaft which was sunk by former holders is down to 140 feet. Cross cut put in on east side and reef struck for 11 feet. It is two feet wide and runs north and south. Water bailed out with a 50 gal. bucket, which entered the mine at a rate of 150 gals per hour. Yield expected to be 2 oz. per ton.

Report:- Flat at bottom, level timbered, started to cut winch through No. 2 level for ventilation. South drive continued 2 feet (total 7 feet) Reef is 3 feet in width. North level continued 5 feet, (total 14 feet) - much mullock and small leaders - shows gold freely.

Kilcorran G.M. Co. (Eau Creek) Machinery nearly erected 50 tons at grass, and considerable crosscutting done.

- 2 -

5 - 3 - 96

Redcastle Co. obtained 93 oz. last week.

Graytown, T. Goff, crushed 1 ton for 9.8 oz. This is one man's work for six weeks.

19 - 3 - 96

North Butlers. Trial crushing from North Butlers of 15 tons, yielded 0.35 oz. per ton.

Niagra Mine, Redcastle. Fortnight. 53 tons yielded 65.25 oz.

9 - 4 - 96

Neal Bros. Graytown. 20 tons 10½ oz.

Davidson 6 tons - 5.75 oz.

Neilson Bros. 6 tons, 13.8 oz.

Smith 2 tons - 6.55 oz.

30 - 4 - 96

Redcastle Co. 33.9 oz. for the week.

14 - 5 - 96

Redcastle G.M. Co.

Return for 6 months ending Jan 31st 1896.

Stone treated 401.15 tons, 1028 oz - 8 - 8

Gold value £4,018.6.1.

Graze 2 oz 11 dwt 6 gr. per ton.

Feb. 1st 94 tons yielded 131 oz. 18 dwt.

" 22 60 tons 103 - 2 - 18

" 28 40 " 92 - 19 - 0

March 16, 53 " 65 - 5 - 0

" 30 42 " 61 - 9 - 12

April 14 40 " 52 - 2 - 0

" 28 60 " mullock 33 - 11 - 6

Grand total 790 tons, 3cwt yielding 1568 oz 15 dwt, 14 grs.

21 - 5 - 96

Possum Gully

McMahon & Bazendale unearthed a nugget weighing 17.5 oz.

28 - 5 - 96

Union G. & Ant. Mining Co. have amalgamated with McGaunders' leases at Redcastle. Bendigo Dist. G.M. Co. are considering erecting winding machinery on their lease at Redcastle to work the beautiful Venice.

23 - 7 - 96

New reef near Lady-bird's Coy's, first crushing of two loads yielded 27 oz. 5 dwt.

New Kilcorran Mine, Emu Ck, 25 tons for 44 oz. gold.

- 3 -

13 - 8 - 96

Graytown "4 mile"

W. Cragie & T. Lavoy . 11 oz. 8 dwt. from 3 tons.
Titmouse 5.25 oz. - 5 tons.

Mitchellstown. The Wee Neck & Prince Imperial are raising stone from
1 oz - 2 oz per ton.

20 - 8 - 96

Graytown Ewbank. 10 tons yielded 17.9 oz.

Graytown G.M. Co. worked half time and took 16.3 oz. from one machine.

24 - 9 - 96

Haganand Reef, Mundy Gully

15 oz. gold, - 14 tons stone

15 - 10 - 96

Manton and Speed discover a rich leader in Golden Gully at the foot of Red Hill. Rich leader struck 20' from surface and yielded 6 oz to the dish. Gold very coarse, together with distributed fine gold. Leader runs through a dike formation 6 or 7 feet wide, there being payable gold in this formation.

19 - 11 - 96

Manton & Speed come across more rich gold.

26 - 11 - 96

Manton & Speed 11 oz gold from about 4 dished.

Graytown Madman's Hill.

Aug. 10 tons. 17.9 oz.
Sept. 116 tons 48.9 oz.
Nov. 135 tons 76 oz. (to date)

Surface Hill Lease, Graytown

19 oz. from 10 tons. Lease disposed of for £1,200.

3 - 12 - 96

Chisholm's Paddock, Derrinal. Site of old and payable workings. Cement wash is about 40 feet wide and one foot thick. Recent crushing gave 0.9 oz. per ton.

Caledonia Gully. Nugget weighing 13.2 oz.

24 - 12 - 96

The Wet Lead Co.

20 tons sent to Q'ld, yielded 4 oz. per ton.

Ohrt & Key - 3 tons for 23.45 oz.
Allegrì 4 tons 4.0 oz.
Clarke 4 tons 6.0 oz.
Titmouse 2 tons 2.5 oz.

McIVOR TIMES 1897

7 - 1 - 97

Heathcote. Gold yield for last 3 months is 760 oz. 400 oz of this yielded by puddlers and alluvial miners.

28 - 1 - 97

Manton, Speed & party - Golden Gully. 10 loads at Great Britain Battery, Bendigo for 10.85 oz, in addition to 15 oz. picked out prior to crushing. Dwyer Bros., from Reef at Majors Line have crushed 17 tons for a yield of 20 oz.

1 - 4 - 97

Day Bros. Staffordshire Flat. ~~15 tons stuff for 37 oz.~~
Speeds Paddock, Durrinal. 70 tons for 57 oz. i.e. 16 dwt / ton.

8 - 4 - 97

Reid Bros., Staffordshire Flat.
15 tons stuff for 37 oz.

3 - 6 - 97

Surface Hill, G.M. Co., Graytown.
Once 30,000 people, but flood in 1870 wiped the mining out. New shaft 200 feet NE of old shaft sunk to 100' since Jan. last and struck in a cross-out 20'. Quarts 4' in thickness. 8 tons sent to Eaglehawk went 15.3oz, not including pyrite. Dam & Battery are being erected. Over 100 tons ore at grass, specimens show free gold. Ore is brittle and crushed easily.

0 - 6 - 97

Pascoe Bros. Ellesmere Battery. 19 oz. smelted gold last week.

17 - 6 - 97

Coy's diggings 15 tons for 16 oz.
Ohrt & Keys 7 tons for 26.5 oz.
(4 tons from old reef giving 24 oz.)
C. Smith 2 tons for 3.1 oz.
G. Dibbock 2 tons or 2.25 oz.

Welcome Gold Mining Co., Redcastle. During 6 months, main shaft sunk 220'. Alternating slate and sandstone met with in first 150'. In last 30 or 40 feet, solid blue slate, with bands of iron-stone. Originally intended to drive at 250', by on rec. of Gov. Geologist, will be opening up at 300'.

1 - 7 - 97

Morning Star Syndicate, Camp Hill, Rushworth. 4 loads gave 46.6 oz.

29 - 7 - 97

McLay, Redcastle

11 tons, 10.85 oz.
W. Graig 4 tons for 2.35 oz.
A. Fraser 2 tons for 1.3 oz.

Surface Hill, Graytown 10 head battery in course of erection. Mine has 300 tons at grass. Start made of adjoining north lease, and shaft 10' x 4' is down 30'.

Neilson Bros. Graytown, 8 tons for 8.25 oz. J. Allegri 8 tons for 4 oz.

- 2 -

23 - 9 - 97

Surface Hill. New ten head stamp battery started Thurs. 9.
Ore at Surface Hill about 19 dwt/ton so far.

7 - 10 - 97

P. Dwyer. 30 loads for 30 oz, taken from at Snake Hill, near Major's Line
Reef 4' at 20', 200 tons at grass.

18.- 11 - 97

Miller & Sons, Maori Tom Reef, near Major's Line. 11 tons for 37 oz. gold.

25 - 11 - 97

Manton & Speed, Golden Gully. rich prospects unearthed 12 months ago then
good ore ran out. Dyke formation lying between faulted ~~stones~~ against
diabase. Depth is 60' and is richer than what they found at 10' & 25'.
~~P. Dwyer sold claim at Snake Hill for 1100.~~

9 - 12 - 97

P. Dwyer sold claim at Snake Hill for 1100.

Sims & party, Camp Reserve, reached 10', went through a false bottom and
encountered so much water, (gravel formation) that work had to be discontinued.

Welcome G.M. Co. Staffordshire Flat, Redcastle. Reef is 4' wide and is
mineralized over 3 feet. Driving and crosscutting of 150' also done at 300'
level. Ore should go (sample) about 3.45 oz/ton. Distance of drive
from shaft is 70 feet.

16 - 12 - 97

Prospecting Association formed in the district.

23 - 12 - 97

Surface Hill - Dam built.

Ohrst & Key, 6 tons, 30.55 oz.
A. Ohrst 5 tons, 4.7. oz.

30 - 12 - 97

Raines, Harrop & Bloomquist, Essesmere.
96 oz. gold from 200 tons in two weeks.

Surface Hill, 297 tons crushed for 98 oz. Battery capable of crushing 120
tons per week.

McIVOR TIMES 1898

6 - 1 - 98

Manton Speed & Party, Golden Gully, another rich find, 10 oz to a dish. Formation 2.5 feet wide at 45 feet. Rich vein running through it.

3 - 2 - 98

Hagan & Party, Mundy Gully Reef. 25 tons for 45 oz. depth of 60'. Three men in 10 weeks have produced 70 oz.

10 - 2 - 98

Try-again G.M. Co. is being reformed.

3 - 3 - 98

Manton Speed, and the 'Try again' at Golden Gully have been amalgamated to form the Heathcote G.M. Co.

10 - 3 - 98

Heathcote G.M. Co. Shaft down to 45'. Strata is bastard sandstone and soft slate, interlaced with spurs from a thread to 6" in size, whilst strata runs W. of N., it underlays to the east. Reef probably shed from a reef higher up this Golden Gully.

28 - 4 - 98

Tailings Dumps around the districts are being treated with cyanide.

9 - 6 - 98

McDonald & Sexton sold 25 tons of antimony at £4.10.0. a ton last week. 10 weeks work for two men. Most mining operations retarded for want of water.

16 - 6 - 98

Rain!!

Knersch & Hassell - crushing of 17 tons yielded 4 ounces.

Snake Hill dam begun.

Heathcote G.M. Co. 59' level driven north 6' (total 40') On big reef at 65', have driven east drive 21', total 37' from shaft.

23 - 6 - 98

5 head battery erected at the Sandstone Mine.

30 - 6 - 98

Hagan & Party, Mundy Gully, 150 oz. from 53 tons. Last crushing of 62 tons gave 110 oz. M

Mitchel & Wellington 40 tons gave 19 oz.

Caldwell & Collier, 11 tons gave 13 dwt per ton.

Christies mine at Red Hill, 10 tons - 5 oz.

- 2 -

7 - 7 - 98

Burgess, near Redcastle,

8 tons yielded 6.8. oz.

Book Bros.

17 loads for 13 oz.

Surface Hill Co. for fortnight yielded 26.2 oz. or about $3\frac{1}{2}$ dwt to the ton.

14 - 7 - 98

Heathcote G.M. Co.

N. Drive at 39°, driven 1116", total 58'. Risen 18'.
Total from drive 26'. Crushed 43 loads for a yield of 2.4 oz.

Donnelly & Party crushed 10 loads, for the yield of $1\frac{1}{2}$ oz. to the load.

Rains, Bloomquist & Party, Fosterville, 350 loads for 72 oz.

21 - 7 - 98

Great Pidgeon, Heathcote. Great Pidgeon deep shaft driven 30', risen 13'
on new make of stone from 8 - 18". Crosscutting to out stone at 100' level.

In No. 3 Austral, stone 20" to 7' wide. Drive going south, stone 2' wide.
Stone in face 2'. Stone in tunnel 3'. Prospects 7 - 8 dwt.

28 - 7 - 98

Heathcote.

59' level driven to 60', in 2'. Put rise up, and holed through
to 25' level. Total from drive 32'.

WELCOME, Redcastle. July 21st. Drive in on reef 78' from crosscut.

Bulk test 6 tons - gave return of 9 dwt per ton.

Surface Hill, Graytown. S. drive in from crosscut 10'. Reef pinched out.

A new splice made 18" wide, contains black-jack and galena.

Fortnight 193 tons for 30 $\frac{1}{2}$ oz. gold.

25 - 8 - 98

Surface Hill, Graytown. Monthly return, 120.15 oz.

Sandstone mine is $1\frac{1}{2}$ miles West of Surface Hill. 500 ounces gold been taken out.

Grinoline - another trial crushing yielded 1.1 ounce per ton.

Bawley 19 ounces to 11 tons.

1 - 9 - 98

Hagan & Party

49 tons for yield of 137 oz.

Surface Hill. Last fortnight, 36 ounces from 186 tons.

Sandstone Main Shaft, down first 100'

WELCOME Mine Redcastle. Intend increasing gold yield by cyaniding.

8 - 9 - 98

Heathcote Gold Mining Co. (Gurnow) Shaft sunk 14', total 28'. Passed through
spurs 2 ft. thick. Will continue sinking.

- 3 -

22 - 9 - 98

Heathcote - Curnow. First 33 loads crushed gave the splendid yield of 80 oz. but since then returns have been poor. Altogether, 194 loads crushed for 109 oz. 4 dwt. Another shaft is being sunk further east, which is down 44'.

(Details of Mine drives, winzes etc.)

Surface Hill, Graytown 12th.

Stopes small and poor. First stope over N. level shows little gold and is 18" wide. No. 2 stope. N. stone pinched out, but to all appearances will make again.

No. 3 stope. N. greatly mixed up with diorite bar, poor.

In vendors stope, large body of quartz but poor.

Underhand stope by crosscut reef 2" in Sand, 2' in E. end, smaller being rich shoot of narrow gold.

Heathcote - Sunk main shaft 16', total 44'. Started to sink shaft on tribute. Block sunk 11', total 14 ft. Crushed 10 loads for 2 oz.

6 - 10 - 98

Heathcote - Curnow.

Sunk shaft 13', total 56'. Went through spur showing gold. Sunk shaft on tribute block 43'. Total 57'. Went through about 20' payable dirt in sinking. Will open out at 60' and drive on reef.

24 - 11 - 98

Central Toolleen. Shaft sunk 23', total depth 73'. At 70' passed through ironstone spurs and a quartz spur about 2" thick, underlying east. No gold.

1 - 12 - 98

Rains & Bloomquist.

41.35 oz. amalgam. for a week.

22 - 12 - 98

Surface Hill cleaned up on Sat. for fortnight for a yield of 30 oz. 8 dwt from 81 tons.

Royal Oak, Mitchellstown, 17th, Reef in 41 feet. Shaft opened up nicely. Stone from 14" to 18" carrying fine gold. Ashley (Toolleen). At 127', east crosscut extended 10'. total from shaft, 182'. Ground slate and small quartz spurs. West crosscut extended 20', total 60' from shaft. Ground sandstone.

29 - 12 - 98

Toolleen Pioneer.

Level N. from S. shaft extended 17', i.e. total 37' from crosscut. At big blow, driven crosscut 12' through hard sandstone and quartz.

5 - 1 - 99

The Ashley, Toolleen. At 127', crosscut extended 13', total 95'.

West crosscut extended 4', total 64'.

Mines here output (which mines?) was just under 500 oz. prob. Heathcote.

Surface Hill Mine, Graytown. During last half year, 1789 tons crushed for 381 oz. 8 dwt 13 grs. gold.

Mine managers report: From Oct. 1, work stopped in N. blocks and recontinued in S. blocks. S. level driven 18 feet, total from crosscut is 140'. Reef in end of level has been thrown underfoot by diorite bias, from 6" to 4 ft in size. In No. 1 stopes reef in our back averaged 3'6", but diorite bias has also crossed the reef and disturbed it, causing it to disappear.

In No. 2 stopes, the reef is one foot thick (poor).

No. 3, stone is 6" thick and poor.

Crushings are being taken from under south level, south of the winze.

He considers that two shoots of gold have been displaced to below the 100' level both are 60' apart, one north and the other south of the shaft. At 175' level, he cleared out east crosscut and drove 348 making 83' from shaft.

Where the reef was out, reef is 4' wide and all broken. In level north, crosscut driven north 13'. In end of level, reef is broken up, but in the back there is 2" of solid stone showing mundie Galena and some gold.

Taking charge crushed 411 tons for 107.3 oz.

Also washed off late managers last crushing of 125 tons for 6 oz.

2 - 2 - 99

Red Hill - Caldwell & Collier. First week 16 loads for 2½ oz - ton.

Surface Hill cleared up last week for 10.6oz. from 70 tons.

Knowsley Reef, in O'Sullivan's paddock a little distance from the railway station, on the Heathcote side. Reef has been traced for 500 yards along the surface and cut in 7 places. Deepest shaft is 33 feet. Stone averages from a few inches to 5 feet. Thickest part of reef is in the North end of workings. Dip east. Antimony carrying gold was also met with close to the reef, antimony varying from a few inches to 2 feet in places. Water met with at 20' and is very heavy a few feet deeper.

Toolleen - Pioneer. Driven North level from south shaft 5' making 53' from crosscut. Stopped, then drive level 6' to west.

On Pascoe's Boundary - sank winze 6' on the reef. This was about 1' thick, but has narrowed to 6". At big blow have continued the east crosscut 8', total 248 from shaft. Cut foot wall of formation and have driven north 6' in sandstone and spurs.

Ashley - Toolleen At 127' crosscut east, extended 13' total from shaft 130'.

16 - 3 - 99

Central Toolleen.

Number of trenches out, then shaft sunk to 90', and crosscut put in 24'. Several leaders, but no gold.

Toolleen, Pioneer - At S. shaft, sank winze on Pascoes boundary, 8', total 38'. Stone not promising. New shaft, 100 yds from S. boundary, sunk 16', total 21', ground slate and ribs of sandstone.

Messrs. Raines & Bloomquist last week crushed 159 loads for 30.5 dwt.

Surface Hill Graytown, cleaned up on Saturday for fortnight, 31.5 oz. from 95 tons.

During month of February, there were 14.85 oz. yielded from Heathcote Division.

2 -

6 - 4 - 99

Four Mile - H. Ohrt, crushed 5 tons for 32 ounces, and Will Brownlee, 6 tons for 14.25 ounces.

20 - 4 - 99

David Sims at Knowsley, 15.5 oz. from 11 loads. Country is granite, and outcrop at surface is about 12' wide. In S. drive the walls are well defined at a depth of 25', which while N. they are more ragged. Contiguous with the reef is an antimony lode about 15" wide.

Mundy gully Syndicate Reef, Tooborao. 58 tons gave 104 oz. Sixth crushing taken out in last 14 months. During this time 242 loads have given 573 oz.

25 - 5 - 99

Crushed at Niagra Battery.

P. Quick & Party; Jubilee Claim. 6 loads for 20.4 oz.

J. Molloy & Evans - Easter Gift. 6 loads for 5.7 oz.

W. Babidge & Connelly - Old Gentleman, 2 loads for 2.45 oz.

Welcome G.M. Co. N.L. Water bailed out of shaft. Stopping and other underground work commencing next week.

8 - 6 - 99

Assay of samples from Sandstone Mine Grayson.

No. 1. 3 oz. 8.14. - ton

2. 6 oz. 13.7. - ton

3. 22.3 oz. of bullion going 19.54 %.

Caldwell & Collier - 9 tons for 15.6 oz.

20 - 6 - 99

Great Pigeon, 440 tons, gave 127 oz.

1,167 tons, gold yield to date 237.65 oz.

Heathcote Mine? quantity treated to date.

13 - 7 - 99

Heathcote,

Sunk and opened up on spurs 60' E. of main shaft, gold obtained in dish prospects. Sunk shaft 21' from surface to pick up Smith's run of spurs. Cleaned two copper plates for 0.73 oz.

Clarke's Welcome, Redcastle. 300' level. Rise up 55'. Reef averages 2 1/2' shows fair gold.

200' level. Stopping reef 6' wide, showing little gold. Tailings from last crushing, average assay 5 1/2 dwt per ton.

Great Pigeon, Heathcote. Stoppage Reef from 1 + 2' thick.

Austral Shoot, No. 1 level. Reef from 18" to 2' wide, shows gold.

150' level. S. drive driven 24'. Reef 18" thick. N. drive driven 41'. Reef in face 5' thick.

Mundy Gully, S. Heathcote. During fortnight ending 7th, shaft sunk 22', making total distance from surface 40'. Tight shooting ground. Sandstone Bar in centre of shaft 4' thick. In last 10' of sinking country mixed with quartz spurs, varying from 1/2 to 2 inches in thickness but showing no minerals. In addition have put in 27' shaft timber.

17 - 8 - 99

Mundy Gully mine. Shaft down to 93'.

- 3 -

31 - 8 - 99

New reef, Meadow Valley.

5 - 10 - 99

M. Manton, Red Hill crushed 25 tons for 12.25 ounces.

19 - 10 - 99

Great Pigeon Nine

900 tons treated for 224 ounces over? ? period. To date 3,861 tons ore have yielded 1027 oz. 11 dwt.

9 - 11 - 99

Clarke's Welcome, Redcastle:

300' crosscut from end of S. level extended 14' west toward long welcome line. Stoping above the level, formation about 2' wide showing little gold and heavily charged with minerals giving rich assays.

Quarry-Hill - Costerfield. Sunk shaft 8', reef carrying a little gold and slightly increased prospects.

Great Pigeon, Snake Hill. Cleaned up on 28th for 155 oz. from 570 tons.

30 - 11 - 99

Mundy Gully S. Heathcote

Since last report, extended W. crosscut 20' from plat. Ground much broken and unsettled. East crosscut extended 12' from plat, ground slate and lot of mundic showing at times.

7 - 12 - 99

Clarke's Welcome, Redcastle.

Continued stoping over 300' level. Lode from 18" to 2.6" carrying fair gold and improving.

Nolvor Creek Dredging. Plans and specifications for barge completed. Machinery progressing.

Great Pigeon:- Pigeon shoot, lower level: Stopes over lower level 12" thick, little gold on breaking.

Austral Reef. No. 3 level, N. drive extended 10 ft, reef 2' shows better.

No. 2 level. Reef above level from 1 to 2.5' thick. Gold on breaking, washed up 88 oz from 440 tons of stone.

1900 MISSING

1900 MISSING.

MOIVOR TIMES 1901

10 - 1 - 01

Graytown.

J. Allegri	5 tons	for 2.3 oz.
M. Dwyer	9 tons	for 19.25 oz.
G. Key	3 tons	for 11.8 oz.

21 - 2 - 01

Mundy Gully, Tooborac

Driving and stoping continues at 150' level. Stone is about 18" wide. Stone in intermed. level, 8. and is broken but carrying gold. At 100', stone is 2'6" wide. During 14 days crushed 155 tons for 54 oz.

28 - 2 - 01

N. Pigeon. 116 tons stone gave 77.5 oz. gold.

Great Pigeon, Snake Hill. 261 tons gave 177 oz. Reef averages between 12" and 18", but is mixed with mullock. Old scandinavian Reef, Golden Gully, taken up again. Reef at 180'.

7 - 3 - 01

Moivor Creek Dredge started, but trial not satisfactory.

Mundy Gully, 150' level. Work on branch drive, reef being broken and poor. Stopes over back of same level, reef about 2' thick and payable. At south end of 100' level engaged following saddle. In north stopes over 100' level stone is about 2' thick and shows gold. During fortnight, crushed from all parts of mine - 261 tons for 35.4 oz.

14 - 3 - 01

Tooborac, Mr. Wine's paddock. Alluvial material bottom at 10' to 12'.

Moivor Creek dredge satisfactory. Sluicing about to start.

21 - 3 - 01

Mundy Gully.

150' level extended 27', reef still small. Stone on interm. level about 4'6" thick. Stone in stopes over back of 100' level, 2'6" thick and showing a little gold. Crushed from various workings 140 tons for 42 oz.

28 - 3 - 01

Dredge commenced 26th

Graytown. J. Donnellan. 7 tons for 30.85 oz.

Redcastle Co. 1, erecting machinery for extraction of gold from tailings.

- 2 -

18 - 4 - 01

Dredge

Gold in overburden only.

Mundy Gully. During fortnight stoping over back of branch drive at 150' level. In N. end of stopes, stone 1 foot thick. In S. end reef 6" thick and poor. Stopes over back at 100' level are 3' and little gold. Crushed 114 tons for 47.95 os.

30 - 5 - 01

Mundy Gully crushed 80 tons for 24.5 os. (no date, just May):

Great Pigeon - Snake Hill. 105.5 os. from 460 tons.

13 - 6 - 01

Dredge has picked up small nuggets weighing 2 & 3 os. respectively.

Mundy Gully Reef at 100' level from 1' to 5' thick with little gold. Started driving on spurs on bottom of main rise 280' south of crosscut. Crushed 100 tons for 19.5 os.

20 - 6 - 01

Dredge. Partial clean up for over 40 os. Several nuggets ranging from $\frac{1}{2}$ to 3 os. (45.3 os for 172 hours)

27 - 6 - 01

Golden Gully

Frank Knearah. 25 tons to Bendigo, gave 12.35 os.

Great Pigeon. 180 tons for 61 os.

Mundy Gully. 116 tons for 23 os.

The Newhaven, 6 loads for 4.9 os.

4 - 7 - 01

Dredging Co., completed building bank.

Graytown:- T. Ferguson. 5 tons for 8 os.

M. Dwyer 2 tons for 1.65 os.

11 - 7 - 01

Mundy Gully.

From reef over 100' level have crushed 103 tons for 19.5 os.

North Pigeon, Snake Hill. 304 tons gave 143 os. gold.

Redcastle Ore extraction works complete. These are erected on Clarke's old battery.

25 - 7 - 01

Mundy Gully Since 11th, contractors have sunk shaft 13' with total 181 feet. Ground passed is slate and sandstone, containing promising looking spurs in which mundic is seen, but no gold.

- 3 -

1 - 8 - 01

Dredge sluiced off overburden, and getting near virgin ground.

8 - 8 - 01

Mundy Gully. Shaft sunk 23 feet, making 211 feet from surface. Ground passed through sandstone bars with slate faces, underdriving east with small quartz spurs 2" to 3" thick. Slate country coming into west end of shaft at bottom. Four plates yielded 32.55 oz.

Morning Star, Red Hill. Mr. A. Debney - bailing out water. Head-frame erected.

22 - 8 - 01

McIvor Creek Dredging. Cleaning in bottom which is very irregular and stoney.

Mundy Gully. During last 14 days, shaft sunk a further 14'4" making a total of 225' from the surface. Country passed through is principally sandstone bars with slate faces underlying to the East. Ground in the bottom, at present, is much more settled and harder. Water continues about same, but is not troublesome. During 14 days, tributors have crushed 80 tons of quartz for a return of 32 oz. 15 dwt. Most of this gold has come from a new make of stone.

29 - 8 - 01

Graytown Messers Donnelly & Ashworth taken up lease No. 6905. T. Ferguson crushed 7 tons for 6.3 oz.

5 - 9 - 01

McIvor Creek Dredging

Deepened pump hole and ditch - bottom of main gutter. Fair prospects - plenty of water. For last 6 months, taken one paddock ($\frac{1}{2}$ acre) and obtained 45 oz. Since another paddock ($\frac{1}{2}$ acre), taken out in 4 weeks with recovery of 84 oz.

12 - 9 - 01

McIvor Creek Dredging.

Started to blow in bottom on 6 inst., same dipped away south carrying six feet of solid wash, giving ~~the~~ prospects.

19 - 9 - 01

McIvor Creek Dredging

Washed up after 11 days in order to move barge. Yield 28 oz.

Mundy Gully. Shaft sunk 18', total from surface 260' - ground is sandstone. Will start to cut plat at 240' level. Tributors crushed 90 tons for 18.85 oz. Dredge moved into better looking country.

26 - 9 - 01

North Pigeon Mine, Snake Hill

Finished sinking new shaft and commenced driving for the reef on Monday last (23rd) and hope to strike it in about a fortnight. Arrangements have been made to reconstruct to co-op. company into a registered one.

Mundy Gully. They have opened out from new shaft, and prospects are unusually favorable, good stone being struck.

26 - 9 - 01

cont:-

Malvor Creek Dredging. Shifted barge before Sept 20, built back-dam. Started sluicing today. Boilers operating better.

3 - 10 - 01

Malvor Creek Dredging Co.

Sluicing two shifts. Ground less stoney. Fair gold in the solid. Hedley's dam about full.

10 - 10 - 01

Malvor Creek Dredging Co.

Sluicing two shifts.

Redcastle. A party of two have taken up one of the old abandoned shafts, which has not worked for several years, took out 7 tons, which was crushed at Costerfield. This yielded 7 oz.

A second party in another old shaft took out 3 tons, obtaining 3 ozs.

A prospecting party is now working under a Govt. Grant of £200, sinking a shaft from which most of the reefs referred to will be accessible.

17 - 10 - 01

Malvor Creek Dredging Co.

Sluicing two shifts. Working on solid ground in the earlier part of the week. Now in broken ground, making better progress. Overhauled gravel pump during week.

Mundy Gully. Crosscut at 240', extended 20' from plat. Ground passed through was tough Sandstone. Also encountered was a small spur from which water is issuing freely. Have started to sink a winze at 150' level on reef. Tributors crushed 90 tons for 9.6. ozs.

24 - 10 - 01

Redcastle. The prospecting party, under Govt. grant, has their shaft sunk 104' and mostly timbered. Probably have to sink 200' before commencing to drive.

31 - 10 - 01

Mundy Gully.

During fortnight, the crosscut at 240' level has been driven a further 24', making a total of 44' from shaft. Ground passed through was slate, sandstone with black slate mixed with quartz leaders highly mineralized. Up to present no gold seen. At end of crosscut, leader is 6 inches thick and of promising appearance.

At 150' level, winze sunk 25', average thickness of reef being 15 inches in which fair gold is seen.

Crushed for Redan, No.2 tributors 15 tons.

Mr. A. Day and party have had excellent return of 35 oz. gold from 65 loads of stone from their claim in Mr. Chisholm's paddock, Derrinal.

7 - 11 - 01

Malvor Creek Dredging Co.

Operations stopped, pending arrival of new shaft.

North Pigeon Co. have struck reef, but heavy inrush of water stopped work for a day or so. Reef is about 2 ft. thick and looks promising.

14 - 11 - 01

Mundy Gully

Crosscut at 240' level driven 20'. Total 64'. Sandstone mixed with quartz spurs, from which water is making freely. Country in crosscut face is hard sandstone.

At 150' level, winze sunk 20', total 45'. Last 10' is broken and poor. Stone carrying gold pitches south. Thickness of reef is 18".

Mitchell & Party (Redcastle) Prospectors have sunk shaft to 180' and intend driving at 200'. By driving east, they will cut Charles Cook & Mary Ann reefs, western drive will cut the Teddywinkles and Balmoral Reefs.

Graytown

H. Ashworth	3 tons	for	7.05 oz.
M. Dwyer	3 tons	for	10.55 oz.
J. Donnelly	5 tons	for	11.5 oz.
T. Ferguson	6 tons	for	6.75 oz.

28 - 11 - 01

Mundy Gully.

Cross cut at 240' extended 20', total 84'. Ground hard sandstone, mixed with quartz spurs. Winze at 150' level sunk 10' to total of 55'. Reef in bottom of winze 30" thick, and showing little gold. Discontinued sinking winze due to influx of water. Will start to timber south drive at 150' and make preparation for inspection of reef in bottom of level.

5 - 12 - 01

Malyor Creek Dredging:-

Cleaned no. 1 boiler, put in new runner shaft and new pulley wheel. Resumed sluicing today.

12 - 12 - 01

Mundy Gully.

At 150' level, winze is 60' west from shaft on Wylie's Reef. During half year, let ground on tribute in S. shaft and during this term, the tributors raised 612 tons quartz yielding 136 oz. smelted gold.

Tribute on Redans line of reef raising 15 tons quartz giving 4.8 oz. Raised and crushed for company 269 tons quartz yielding 55 oz. 5.5 dwt. Also cleaned cuplates, returning 32 oz, 11.5 dwt smelted gold. Total 896 tons, giving 230.65 oz.

9 - 1 - 02

Mundy Gully

Crosscut at 240' level advanced 8', total 132'. Ground passed through, black slate, highly mineralised. Will extend crosscut, but on failing to meet with anything, we will start driving to South on reef met with at 124' from plat.

In winse at 350' level, 350' South from crosscut, have met with water, which we are unable to control.

Intend commencing underhand stoping the reef along bottom level. Cleaned and tested boilers and effected all necessary repairs.

Tributors in S. shaft have given up their tribute.

23 - 1 - 02

Mundy Gully

Cross out at 240' level, West of shaft, advanced 24 feet, total 156'; ground sandstone. Discontinued driving crosscut, and started to drive south on reef. Met with at 124' from plat. reef has widened out to 12 inches and showing gold. At 150' level, have been engaged in underhand stoping. Reef 350' S. of main crosscut, reef in bottom of stopes being 2 ft. in thickness of a laminated character and showing fair gold. Will continue sinking here to a depth of 50' below level, when it is intended to open out levels both N. and S. of the reef, and then back stone to 150' level. 30 tons crushed for 2.65 oz.

Redcastle, Mitchell & Party, under Govt. grant have their shaft down 162', all timbered, and intend to drive at 130' and have chamber formed. Have out lode heavily laden with antimony and gold. Have also out some small quartz spurs below the 130' level causing a run of water.

6 - 2 - 02

Mundy Gully

a) Drive South at 240' level, 124' west of shaft, advanced 24'. At 12' from crosscut, reef widened to crushing from here next fortnight. In underhand stopes at 150' level, have been engaged stoping reef. Stone showing fair gold. Crushed 64 tons from both places. Worked for 47 oz. 7 dwt.

b) We hear that a Syndicate from Ellesmere has taken the Robinson's line of reef in hand, with the intention of putting on machinery and going below water.

c) A party of local men have again taken the Great Pigeon Mine on tribute, with the intention of sinking deeper. As this mine has been the means of employing a large number of hands, we wish them every success.

d) We also hear that Reid and party have opened up another shoot of stone on the well known Felix Brown line of Reefs, carrying a fair body of stone of highly payable quality.

e) Mr. F. Tranter has obtained a nice specimen of gold from a prospect close to the Eald Hill.

20 - 3 - 02

Great Pigeon: tributors have improved prospects at the 400' level and are running two shifts at the Battery on payable stone, they intend putting through about 200 tons before cleaning up.

Redcastle: Mitchell & Party, have sunk to a depth of 187 feet, the shaft are timbered. Between 130 ft. and present depth, 3 separate reefs have been out averaging over 6 inches, carrying gold proved to be 1 ounce per ton. 3 or 4 reefs are known to exist in the vicinity of the present workings. At 183', a large body of antimony has been out through - one ton of which is now on the surface.

- 2 -

10 - 4 - 02

Mundy Gully Crushed 84 loads for 22½ ounces.

Great Pigeon. Crushed 210 loads for 42 ounces.

Redcastle Neilson & Party have out a well defined reef in the shaft. It is about 8 inches thick, and should contain about 1 ounce/ton. This has no connection with the antimony lode higher up.

Costerfield, Reid & Party. 70 loads of stone for 107 oz. gold. Stone mostly came out of the shaft being sunk, and with a fair body of stone and good prospects at 60 feet. Extent of shoot has not yet been proven.

Cyanide Works at Redcastle being erected by Mr. G. Hyndman are rapidly approaching completion.

17 - 4 - 02

Mundy Gully Drive between 150' & 240' levels extended 24 feet, making total of 30'. Stone here, has become poor, so stoping N. end of winse 40' below 160' level. In underhand stopes at 150' level have been stoping on stone of poor quality. Have stopped working here, and have started to prospect on formation going to east of S. drive at this level.

24 - 4 - 02

Redcastle, W. Mitchell & party. Prospecting, have their whim erected, and water almost out, after which stone will be raised.

What was formerly known as the Redcastle Gold Recovery Co., which is entirely in the hands of Mr. Hyndman, has the erection of a windmill on the Niagra claim completed. Vats are being erected.

1 - 5 - 02

Molvor Creek Dredging Co. After a fitful and chequered existence of about eighteen months, the Molvor Creek Dredging Co's operations at South Heathcote have ended in fiasco. The efforts of the directors to place sufficient shares to enable them to carry on sluicing operations during the coming winter, proved unsuccessful, and as a result, the plant is being dismantled and moved to Queensland.

Mundy Gully. Stoping on Wylie's Reef and have carried stopes through to bottom of 150' level on stone 1 foot thick, in which fair gold has been seen. At 150' level, 350' south of crosscut, prospecting on formation to East of main drive, this formation has widened from 12 inches to 30 inches and has the appearance of becoming more defined this stone shows color and is of good extent. Just crushed 80 tons for 56.15 oz.

29 - 5 - 02

Mundy Gully.

At 160' level, 350' south, have been engaged driving and stoping on formation E. of main level. Stone varies from 12" to 30". Stopes have been mullocky and poor. In winse below 150' level, have taken out payable stone and have started at 240' level to extend S. drive, which has been advanced 7', total 68', south of crosscut. Here reef took sudden turn to west. Have started to drive west on formation 30", of a laminated appearance. Crushed 55 tons from 150' level and 52 tons from 240' level. Total 107 tons for 8.9 oz.

- 3 -

5 - 6 - 02

Tributors at Great Pigeon Co. have been stopped by directors.

Mundy Gully Co. has suspended operations.

S. drive at 240' level extended 8 ft. Total 75', reef in end of drive 3' thick, of a laminated character but showing no gold. At back of 150' level, 350' S. of crosscut been stoping on stone 18" thick in which little gold is seen. Crushed 40 tons for 4.1 oz. Cleaned plates and magnet irons for 26.9 ounces.

Collier & Party 4 dwt - ton.

Kirby & party (Opposum Gully) 16 loads - 3.3 oz.

Kuersch (Red Hill) 3 dwt - ton.

29 - 8 - 02

Mundy Gully. Machinery etc. auctioned but bought for £505 by former workers.

4 - 9 - 02

Company for developing Gold resources has been floated.

Cyanide Works at Redcastle are now completed.

11 - 9 - 02

Heathcote Mining Development. Messrs. Harcourt, Methuen, and Riley pegged out about 350 acres from Camp reserve to Blue Point on behalf of the above syndicate.

25 - 9 - 02

The Gem Gold Mining Co.

Co. formed to work Lease 7611 near Redcastle comprising an area of 21 acres adjoining the Staffordshire Flat. Capital of £2000 in 200 shares, £10 each.

30 - 10 - 02

Redcastle - Duke Mine. Company are engaged in putting in a crosscut for the purpose of finding the old reef.

8-1 -03

Redcastle

Prospecting party - Charlie Cook Reef. This work is about to be resumed. In addition to sinking a shaft 200 feet, well timbered, 27 tons of stone were raised and crushed, yielding 23.15 oz smelted gold, and sample of millings sent to Lyddel's Pyrite works Bendigo gave 8 dwt - ton by amalgamation. Total 34 oz, being equal to about 1.25 oz. per ton. Reef in south measures from 6 to 12 inches; north end 6", more heavily charged with gold. A cross-cut driven into the Eastern end had to be abandoned owing to too great an influx of water. The nearest battery being 9 miles distant adds considerably to the expense of working.

22 - 1 - 03

Rushworth Gold Rush.

At present 20 claims being worked, 16 of which are now on gold. Gold ranges from 3 to 9 dwts per load, most being 4 or 5 dwt. Better yields are quite profitable since washdirt taken is 3 feet in thickness.

2 - 4 - 03

Rushworth - alluvial find. At Branding Yards 6 miles from Rushworth. Sinking 15 feet from 2 holes, 2 oz. of coarse gold picked out from bottom.

2 - 7 - 03

Reid & Party have crushed 10 loads from the New North Pigeon claim, Snake Hill for 20 oz gold. Stone obtained from an 18 inch reef. Mundy Gully Co op. Synd. 150 tons gave 57 oz gold.

6 - 8 - 03

Redcastle.

Work resumed at Redcastle cyaniding works.

Venus Mine, Redcastle. Erection of battery nearing completion.

13 - 8 - 03

New Pigeon. (Reid & Party).

16 loads out of a large body of stone gave

1 oz. per ton.

W. Reid & party are still sinking on their new find near Devanny's Major's Line.

M. Rogers has added four more stampers to his battery at Red Hill making an 8 head.

8 - 10 - 03

Bombay Syndicate, Costerfield. After having gone to considerable expenditure in draining the mine, has ceased operations for the present.

15 - 10 - 03

New North, Snake Hill, J. Reid & Party - while sinking a prospecting shaft struck what appears to be a new make of stone, about 3" in width, carrying payable gold, and are now busy taking out a trial crushing of 50 loads. W. Reid and Party are sinking a straight shaft on thin make near Devanny's to prove it deeper - their last crushing going nearly 1 oz to the ton.

26 - 11 - 03

Muddy Gully cleaned up last week for the satisfactory returns of 50 oz.
(one month's work).

Vaughan Bros. obtained 4 oz. from their quartz claim at Rocky Gully - the
gold was obtained by dollying.

1904 MISSING

1904 MISSING

McIVOR TIMES 1905

16 - 2 - 05

New Year Venture Leases. Ford's Gully. $1\frac{1}{2}$ miles from Mundy Gully on the same line of reef.

a) South New Year which adjoins the abandoned workings known as Harnell's underlay. Shaft sunk 30 feet to south so as to cut reef straight down, instead of on the underlay. Depth of shaft is about 74 feet and top level has been driven 30 feet south and 25 feet north. Prospects are most satisfactory. The shaft has been sunk another 25 feet to the north. North bottom level, prospects are good. Two crushings have yielded 7 dwt. and 10 dwt respectively to the load.

b) New Year Venture. Situated 100 yards to north of above. Shaft is 130 feet deep, 40 feet having been sunk since last crushing which went 2 oz. to the load. A drive has been put in about 40 feet to connect with the winze from where the last crushing was obtained. During 13 months, 17 (seventeen) ounces of gold have been obtained.

Cyanide works at Costerfield which has been in course of erection over last 6 months are now completed and treatment of sand has begun. Plant consists of 2 iron four-tiered furnaces for roasting, and three 20' diam. vats for cyanide solut. There are also two large underground tanks.

Castlemaine district company formed to work the McIvor Creek Hydraulic Sluicing Co.

27 - 4 - 05

Knowsley & McIvor Prospecting Syndicate formed £2000 in 200 shares.

25 - 5 - 05

Machinery for McIvor Creek Hydraulic Sluicing Co. arrived at Heathcote Railway Station and conveyed to the dredging site.

Bombay Mine Costerfield New machinery arriving from N.S.W. to be erected.

8 - 6 - 05

Shakespeare G. M. Co. N.L. formed. Capital of £7,500 in 30,000 shares, 5/- per share.

Property contains three well-defined lines of reef which have been worked to various depths ranging from 60 to 300 feet proved to be rich in gold. Reefs are i. Shakespeare and No. Flies Reef.

ii. Duke Reef

iii. Dutchess Reef.

Dutchess is 20 feet to east, and parallel to the Duke Reef, and as the whole should joint at a depth it is proposed to crosscut from the 300 ft. level and so cut the Duke & Dutchess lodes.

22 - 6 - 05

Redcastle - Hamiltons Pioneer Reef.

Small crushing of eight tons quartz and antimony on Sat. last, taken from the 230 ft. level which is being extended on the line of reef in an Easterly direction to cut several shoots of gold known to exist. (This yielded 8 oz. gold besides the antimony and also gold to be taken from antimony and tailings ?)

29 - 6 - 05

Work progressing on the McIvor Creek Sluicing plant, expected to commence operations in four or five weeks time.

- 2 -

17 - 8 - 05

Molvor Creek Hydraulic Sluicing Co. operations to commence next week.

24 - 8 - 05

Molvor Creek ... commenced. Working 3 shifts.

28 - 9 - 05

Molvor Creek First clean-up at the dredging works took place this week for the return of 97 oz. 18 dwt. 12 grs. of smelted gold, with 50 oz 5 dwts. of nugget picked out previous to smelting gives the splendid total of 147 oz. 23 dwt 12 grs. From the concentrates to be treated it is expected that about a further 10 ounces will be obtained and this will bring the yield well over 150 oz.

5 - 10 - 05

Wattle-Flat Hydraulic Sluicing Co. will start to excavate a large reservoir at Wattle Flat in 2 or 3 weeks. Co. consists of 6000 shares at 10/- i.e. £3000. The plant itself, will be similar to the Molvor Creek plant and will be complete in four months time.

2 - 11 - 05

Molvor Hydraulic Sluicing Co. had a rough clean-up last week, the result being highly satisfactory, 28.4 oz. gold being obtained. It is anticipated that the final clean-up will yield over 200 ounces.
Costerfield Cyanide Works have yielded 'it is stated in some quarters' over 360 oz. in 10 weeks.
Govt. battery of 5 stamps to be sent to Mandy Gully.

30 - 11 - 05

Molvor Creek Dredging Co. Partial cleanup for 100 oz. prior to sluicing Milne's crop paddock.

7 - 12 - 05

Mandy Gully Mine.

At present, the mine is being worked by a co-operative company of 12. The shaft is down 240' and 66' from the bottom is centre country and 102', the next leg. The country rock is completely traversed by quartz spurs. Along the level south from the East leg 65' and in the stopes overhead, a great development of quartz has taken place on what is apparently a saddle formation. Quartz is very abundant, and is being sent for crushing from wide faces. The feature at the 150' level is the abundance of quartz of a profitable character to work. For the past 12 months, an average of 7 dwt is reported and with the large bodies of quartz, (as much as 30 ft wide in one instance) this pays handsomely. From 1901 to Sept. 30, 1905 - 7,452 tons have yielded 2789 ounces.

New Years Venture, $\frac{1}{2}$ mile south of Mandy Gully, shaft is 130' deep, with a drive along the reef, which is said to be $\frac{1}{2}$ foot to 3' thick, south 100' north 50'. 40 loads from the south drive gave $3\frac{1}{2}$ dwt per ton, 20 from the North level $\frac{1}{2}$ oz per ton and 20, $7\frac{1}{2}$ dwt per ton. A shaft sunk to the North to cut the shoot of gold ahead of where the last crushing was obtained has followed a quartz reef from the surface down to 40 ft where it is 3' (wide) thick.

South New Years Venture. Shaft down 100' and some payable crushings are said to have been taken out of the mine in which the reef has been worked at 46' and 84'. Two hundred yards to the west the half moon reef has been worked for several hundred ft. by shaft, and a half mile west of Daisy Flat reef has been worked for a considerable length.

A half mile south is the New Years Venture extended, the most southerly workings on this line of country, where a shaft has been sunk 30' but no gold struck. Mr. Durin recommends that this shaft should be continued to 100'.

- 2 -

14 - 6 - 06

Moivor Creek Sluicing Co. A 61 oz. nugget found, apart from 8 oz and 10 oz. pieces. Total nuggets weigh 95 ounces, and 60.65 oz. have been smelted. Previous clean up was 131 oz. Returns ending March 31, 1906

Mundy Gully 395 tons for 132 .4 oz.
T. Ferguson 3 tons for 6 oz.
W. Ferguson 5 tons for 5 oz.
Costerfield
Tailings 1584 tons for 267 oz.
Moivor Creek 148.5 oz.

Bombay Co. Antimony ore of excellent quality is being obtained.

28 - 6 - 06

Willies Reef. Larger pump necessary to keep water down.

5 - 7 - 06

Govt. Battery working satisfactorily.

12 - 7 - 06

Moivor Creek Sluicing Co. Third clean-up for paddock, 1st yielding 165 oz, 2nd 131 oz and that of yesterday 209 oz. Total 506 oz from $\frac{1}{2}$ acres sluiced. Time taken - 9 week 3 days.

26 - 7 - 06

Moivor Creek

Concentrate for last week 9.2 oz. 3 shifts being worked.

Possum Gully Barge, completed and boiler and part of machinery placed in position.

Another find of copper has been made at Mt. Camel. The new copper lode is 12 miles north of Heathcote. Rock at lode appears to be highly altered igneous rock. Samples assayed 1.6% copper. Below the friable cap, the blue and green copper carbonates are visible. Carbonates, red oxide, and film of native copper have been found.

Average assay of costeans, gold 8 gr. per ton.
copper 1.5%
iron 61.8%

Rich lode is about 14' across.

16 - 8 - 06

Hattle-Flat dredge is now completed

Opossum-Gully dredge is approaching completion

Melb. syndicate formed to work some of the Mt. Camel Copper.

30 - 8 - 06

Hattle Flat dredge sluicing all week. Ground is very hard, and explosives have been used to loosen it.

Opossum Gully started sluicing today.

20 - 9 - 06

Moivor Creek Up till 18th, 38 oz. including a nugget of 11.35 oz. was picked up.

27 - 9 - 06

MoIvor Creek Clean up yielded 296 oz gold, in addition to a rough clean up of 67.75 ozs 4 weeks ago. Total 365 oz.

Mt. Camel Co. 2,500 shares of £5. 500 held in reserve.

4 - 10 - 06

Caledonia Gully Sluicing Co. has been floated.

11 - 10 - 06

MoIvor Creek Co.

6.35 oz. from cleanup.

Wattle-Flat Sluicing Co. First rough clean-up gave 46 oz. Conc. expected to yield another 10g.

Mt. Camel Copper Co. Shaft site fixed.

18 - 10 - 06

Possum Gully (Heathcote & Castlemaine Sluicing Co.)

Cleaned up for 53.55 oz. This obtained from a half acre of ground.

Caledonia Gully Work started in connection with proposed sluicing operations.

Bombay Mine. 2 shifts. Battery 3 shifts. Highly satisfactory.

25 - 10 - 06

New sluicing Co. formed to work Sawpit & Mosquito Gullies

1. 11 - 06

Peters Gully mine. New Co. will open old shaft and have purchased machinery from North Beehive and Derby Co.. Shaft been under water for 35 years but is in good order. Quarts outcrops are bold and are 45' wide in places. When last worked up to 2 oz - ton over a width of 20' was obtained.

MoIvor Creek Sluicing Co. had a clean up for 90.5 oz.

Wattle Flat for 80.2 oz. This makes a total from the first paddock of 126.2 oz.

Bombay Co. 80 tons antimony ore shipped to England, 11 oz antimony recovered for October.

8 - 11 - 06

Wattle Flat Sluicing Co.

Conc. yielded 13 oz. making a total of 139.2 oz. from

first clean up.

Possum Gully have started sluicing their second paddock.

Co. to sluice Sawpit & Mosquito Gullies - is to be called MoIvor Junction Sluicing Co.

22 - 11 - 06

Construction at Peters Gully is making good progress.

Williams Reef. New pump, delivered and capable of lifting 21,000 gals per hour.

Yields for quarter ended Sept. 30, 1906.

Mundy Gully 310 tons for 127.6 oz. gold.

T. Ferguson 4 4

Bombay 19

Costerfield Tailings 14.8 oz

MoIvor Creek Co. 2 1/2 acres 585.25 oz.

22 - 11 - 06

cont:

<u>Govt. Battery</u>	Fords Gully	20 tons	3.5 oz. gold.
	New Year Venture	50 tons	5
	South New Year Venture	40 tons	6.15 oz.

29 - 11 - 06

McIvor Creek - slug of 11.2 oz.
Fossum Gully Co. yield was 31.2 oz.

6.-12 - 06

McIvor Creek. Clean up Sat. yield of 250 oz. This with rough cleanup makes total yield of 340.5 oz.

Wattle Flat Co. Cleaned boxes Tuesday for 11.2 oz.

Peters Gully Unwatering of shaft will begin tomorrow.

Mt. Camel. Ore is impregnated with Maladite and agurite, and small seams of ouprite run through out. Now 100' in with their tunnel and have met with galena, and leaders of high-grade copper ore.

Bombay Co. Have struck another rich antimony reef under the old claim of the Morning Star Co.

13 - 12 - 06

McIvor Creek Total from paddock. 349.9 oz.

27 - 12 - 06

Peters Gully Water now down to 150'. Shaft timbers are all in good order. A three compartment shaft will be put down in the southern end of the property.

Mundy Gully. Clean up yielded only 21 oz. for the month.

10 - 1 - 07

McIvor Creek Sluicing Co. Partial clean-up on 31st for 43 oz.

Wattle Flat. Treated concentrates for 3.5 oss.

'Possum Gully Dredging Co. Concentrates for 7.8 oz.

William's Reef. Pumping resumed, and water now below point where timbering of shaft was stopped two months ago. Timbering recommenced.

Peter's Gully. Water lowered to a depth of 185', but timber and debris still blocking progress. No. 1 level, 150' has been completely dewatered. Timbering in No. 1 is close and strong.

Mt. Camel Copper. Work proceeding rapidly. Tunnel excavated to 140 ft.

17 - 1 - 07

Wattle Flat Sluicing Co. Finished overhauling machinery and started sluicing in new paddock. Ground sluices much more freely. A 2 oz. nugget was found.

William's Reef. Pumping progressing well, and water has been lowered to over 160 ft.

Bombay Mine Continues to prove rich and is yielding handsome returns for Antimony ore.

New air compressor and rollers are being erected. It is intended to work the shaft at the site of the old Antimony Co.'s lease, and work of cleaning out and repairing shaft, and driving levels was commenced on Monday.

Barrell's Mine - Swedes Gully. Syndicate being formed for purpose of opening-up this once-famed reef.

24 - 1 - 07

McIvor Creek Sluicing Co. Cleaned up last night for 75.5 dwt. which with previous roughing makes total from paddock of 1 acre, 120.5 oz.

Peter's Gully, After successfully dewatering the shaft, the bottom level caved in. The Company proposes to sink a new shaft 250' deep, and from this, both southern and northern portions of the reef can be economically worked by means of drifts.

Directors have decided to sink a new 200' shaft.

Shakespeare Reef. (Head of Little 'Possum Gully). Company has been formed to work the reef. Capital of Co. is £1000 in 200, £5 shares.

Bombay Mine. Over 120 men and boys employed. Co. spends £1,400 per month on the mine. Reef is taken out systematically from stopes and stopes refilled with mullock. Compressor and Rock drills have arrived.

Old Coasterfield shaft is being retimbered and will be dewatered in a few weeks.

- 2 -

31 - 1 - 07

McIvor Creek, have relocated barge and have resumed sluicing.

Wattle Flat Sluicing Co. Ground sluices freely, partial clean up yielded 18 oz. Bottom rough.

Possum Gully Sluicing Co. Ground from 12 - 14' deep. Partial clean-up yielded 12.65 oz. gold.

Williams Reef. Re-timbering of shaft has been completed to a depth of 160' and unwatering of shaft has been carried out.

Peter's Gully. Shaft has been sunk to a depth of 20'. Shaft is 10' x 4', and has three compartments. Will be sunk to 200 ft before opening out.

7 - 2 - 07

McIvor Creek. Concentrates gave 8.3 oz.

Possum Gully, have sluiced a narrow channel into ground which prospected much better, but have had to suspend operations owing to failure of water supply.

Wattle Flat. Sluicing in free ground.

Caledonia Gully Sluicing Co. have purchased the plant of the Wombat Flat Co. at Daylesford. Price £1300.

William's Reef. Excellent progress made with unwatering of shaft, timbered down to 180' below the old Cistern chamber.

Bombay. 100 tons ore raised in January. 17 oz. gold recovered from mine waste. Duplicate crushing mill is being erected and rolls are to be used in place of stamps, which, it is hoped, will affect a saving of antimony.

Old Costerfield shaft has been retimbered in all compartments to a depth of 100' and it is expected that the No. 1 level will be reached during the coming month.

Price of Antimony ore is to £30 per ton for 50% crude ore, and £110 - £120 for the metal.

14 - 2 - 07

McIvor Creek Sluicing Co.

Ground coming away freely. On east side of paddock, all solid ground has been met with 4' solid wash. West side has been well worked with timber showing.

Peter's Gully New shaft is down 45'

Williams Reef Dewatering progressing satisfactorily, but water is now very heavy. It has been pumped out to a depth of 227 feet and cutting back operations are proceeded with.

Costerfield Extended Prospecting for antimony progressing south of Costerfield On 30 acre lease, New shaft has been put down 60', water struck at 35'. At present water is too heavy. Crosscutting at this depth has had good results. Drive put out west, where three reefs were out showing antimony and gold. This drive was opened out north and south along the main line of reef. N. drive driven for 50 ft. where reef averaged 12 inches and of good value. South drive was extended for a distance of 25' with even better results. Reef maintained 12", with a couple of feet of face, where it widened out to 30 inches. Mine possesses 4 working faces, all showing good antimony throughout.

21 - 2 - 07

McIvor Creek Dredging Co. Clean up on Tuesday for 78.5 oz.

Peter's Gully Shaft has been sunk 52', 50 of which have been timbered.

- 3 -

28 - 2 - 07

William's Reef. Water almost out to old 247' level.

7 - 3 - 07

Wattle Flat. Final clean up Friday for 44.5 oz. in 1½ acre paddock. Total gold from paddock 62.5 oz.

William's Reef. Pump stopped owing to leakage, when water rose rapidly and covered pump.

Mundy Gully Syndicate, Tooborac. Cleaned up crushing of 90 tons for 75 oz.

(Possum Gully Dredging plant auctioned on Sat. for £1600.

For Quarter ending Dec. 31, 1906

<u>Mundy Gully</u>	335 tons for	63.5 oz. gold.
<u>Bombay</u>	1200 tons for	24 oz gold 40% antimony
<u>Finlayson & Co.</u>	10 tons for	25 oz gold.

4 - 4 - 07

William's Reef now dewatered.

11 - 4 - 07

Peter's Gully Shaft down 100' and has entered blue slate, after going down in unchanging ~~down~~ (rock) for 100'.

South Casterfield. Head Frame and winding gear being erected and boiler bricked in.

25 - 4 - 07

Peter's Gully Shaft down 120' some of slate and quartz veins are thickly impregnated with mundio.

Bombay. For three months ended March 3rd, 3100 tons ore from the mines was treated at Bombay Mill, to yield 224 tons of antimony concentrate. Casterfield shaft timbered down to 190'.

2 - 5 - 07

Old Morning Star Shaft is being repaired prior to underground operations with same object in view, a party of men are negotiating with the management re the Minerva shaft, situated close to the Cyanide works.

16 - 5 - 07

Peter's Gully Shaft down 150', and slate still highly mineralised.

23 - 5 - 07

Hoiver Creek Sluicing Co.

3 shifts. Not so much slurry and mullock as in last paddock.

Caledonian Gully. Enlarged tailings dam and const. service water dam, erected forge shop, boxed both pumps.

- 4 -

23 - 5 - 07

Mosquito Lease:-

Thos. Goodwin sank a trial hole 13 feet on lease taken up for dredging. He obtained off bottom 9 dw. gold. Wash is about 2' thick and gold shows freely.

6 - 6 - 07

Peter's Gully

Shaft down 170' - water has delayed sinking somewhat.

13 - 6 - 07

Peters Gully. Down 175' now water coming in. Rock still slate etc.

McIvor Creek Sluicing, had partial clean-up Sat. last for yield of 91.65 oz.

Heathcote Junction. Sl. floated their barge 4 days ago and will start sluicing shortly.

20 - 6 - 07

Peters Gully

Gold reef struck 3 days ago. Reef is thickly impregnated with gold. Reef runs across bottom of shaft and is about 4' thick. It is a new line of stone, being 30' away from old reef. It is at 180' and of a permanent appearance.

27 - 6 - 07

Peters Gully

Reef widening under foot. Rock very hard.

4 - 7 - 07

McIvor Creek

Sluicing has been in old timbered ground.

Bombay, Plant nearing completion. At Old Costerfield shaft, below No. 1 level debris and water has rendered use of tank difficult. Compressor yet to be installed. Owing to fall in price of antimony, "a few hands have been slackened at this mine".

11 - 7 - 07

Peters Gully

Main shaft down to 186' country now being hard diorite, with quartz bands running through it. A quartz spur in the bottom shows gold.

McIvor Creek Sluicing. Final clean up on 5th gave 111.9 oz. for $1\frac{1}{2}$ acres. Total gold from same was 203.5 oz. Concentrates, still to treat.

25 - 7 - 07

Peters Gully

Main shaft has been sunk to a depth of 192 feet and rock is still diorite, with mineralised quartz bands. It will be opened out at a depth of 200'.

Bombay The underlie shaft down 40' and ore at that depth was as good as it was in No. 4, and has every appearance of continuing in depth.

Old Costerfield - Party of men taken it out on tribute to work upper levels. 50 tons of antimony has been freighted.

- 5 -

1 - 8 - 07

Peters Gully

Country is mineralised with copper and iron sulfides.

North Peter's Gully to be opened up. Good crushing s were made by F. Horeburgh and E. Hall.

Heathcote Junction (Possum Gully) have finished their water race and will start operations as soon as water is available.

15 - 8 - 07

McIvor Creek Sluicing 3 shifts, ground 14' deep and sluices freely. Partial clean up on 8th, yielded 61.9 dwt.

Peter's Gully Main shaft now down 202'. Providing no change in the country takes place, about 13' will be sunk for a well. Rock ditto. Basmetal has given a good assay for gold and silver.

North Peter's Gully Mine Flooded in Melb. Mr. W.C. Robinson (Govt. Surveyor) and party, are busy surveying the various leases adjoining Peter's Gully.

27 - 8 - 07

Peters Gully

Main reef has been struck showing gold freely.

29 - 8 - 07

Caledonian Gully Sluicing. Put on second shift. Ground 12 or 14' deep, sluices fairly well.

5 - 9 - 07

McIvor Creek Sluicing

Clean up 6 days ago for 100.15 oz. Total for paddock 162 oz.

Peter's Gully Main shaft down 215'. The last rich reef was out at 205' 30 ft below the 175' reef and separated by hard granodiorite. Finlayson & Christie (Beatrice, Kyneton Rd.) making splendid headway, shaft down 90', where they have driven on a shoot for 38'. Reef averages 18" and shows gold freely.

Bombay Compressor working well. 3 new, 5 compartment Jigs installed. Another set of rolls at Station.

REST MISSING

MEIVOR TIMES 1908

2 - 1 - 08

The Heathcote Junction Co., Possum Gully, have now commenced sluicing.

30 - 1 - 08

North Peters Gully.

Call of 1d per share.

Meivor Creek. Ground sandy - good progress.

Caledonian Gully. Sluiced out new machinery site, ground 14' deep, showing fine gold.

Heathcote Junction is sluicing in ground 8' deep, and there is a quantity of slime.

Bombay Co. During past 12 months, total tonnage of 900 dressed ores has been treated. About 630 tons of this assays 45% antimony and 1.75% gold. Milling ores after being reduced by careful picking has yielded 280 tons of concentrate with average assay value of 50% antimony and 1.9 oz. gold. Tailings average 6% antimony and 0.25 oz gold per ton. Sixty ounces of gold have been recovered from the battery. Expenditure on mine for year amounts to £17,000. Additions include new high-speed rolls with elevator. Hopper and sizing-trommel. No. 1 Blake Pump for returning water to the service tank. High pressure cornish boiler. Air Compressor etc. Compressed air has been carried to all levels. At No. 4 level an engine room has been excavated on the footwall of the reef, a brace fixed up on the hanging wall and a double cylinder air-winch installed. Development. No. 4 level driven 50 feet North, and a crosscut put out 70' west, where a barren format giving water freely was struck. A new underly winze has been sunk 55 feet and 300' level driven on the reef. Ore continues in depth and is rich in gold.

On taking over shaft at beginning of 1907, it was found open down to 100', but was sadly out of repair. After necessary repairs, No. 1 level was reached at 190' plat and crosscut were in good order but levels north and south were badly crushed. North level was retimbered for a distance of 300' southward but beyond this level is beyond repair. £1084 were spent for the first half year. From old stopes at this level, a little ore was mined. A strong leader was followed going off at 30 degrees west of north, but did not continue for any length.

To beat water in the shaft, the old steam pump was set up, costing £200. After water lowered, country below the No. 2, or 250' level, was repaired. The level was not bad to the north, but to the south, the whole level had collapsed.

Pumps was fixed into position at No. 2 plat and another pump aquired. By June this year, it is hoped that we shall have access to the lower workings. The ore bearing section of the mine is over 1300' in length.

Below No. 4, on 420' level, there is an underlie shaft down to 600 ft and good mixed ores with 1 oz of gold, and 8 - 10% antimony.

6 - 2 - 08

Caledonian Gully

Cleaned up last Friday for 30.4 oz; Area of paddock, 1 acre. Total gold from same 82 oz 17 dwt.

13 - 2 - 08

Mr. J. Chapman. Trial crushing sent to Bendigo from reef to south of Bald Hill gave a return of 99oz per ton. Stone is 3' thick in places.

Meivor Creek hydraulic Sluicing Co. are sluicing out a new barge site which shows improved prospects. Ground is 14' deep and sluices readily. A paddock of a 1/2 acre of shallow ground was cleaned up for 56.5 oz.

- 2 -

20 - 2 - 08

Heathcote Junction Co. (Possum Gully) 1.
Owing to water giving out, had to clean up a small paddock of shallow ground, which yielded 54.5 oz.
Wattle Flat Dredge. Clean-up gave a return of 47.25 oz. for a $\frac{1}{2}$ acre.

5 - 3 - 08

Heathcote Junction Co. (Possum Gully) Treated concentrates for 4.8 oz.
Caledonian Gully: Prospecting ahead of last paddock, ground prospects better, concentrates yielded 2.8 oz.
Beatrice Mine. (Finlayson & Christie) Crushing of 25 tons gave the splendid yield of 2.5 oz. to the ton. Reef averages 18" in width.

9 - 4 - 08

Peters Gully. North level at No. 2, extended 15', total 180', country passed through is slate and sandstone forming hanging wall. Quartzite formation now coming in on the east side of level. Water lowering in old shaft. South level at No. 2 extended 9' through quartzite boulders and lode formation, total 92'.

14 - 5 - 08

Peters Gully. North level extended 20', total 254'; hanging wall well defined; little stone making in the face. South level extended 3', total 121 ft. Slate shows in face. Started to open out south at No. 1 on chute of good stone cut in shaft.

Svanide Co. Rebuilding furnaces etc., with a view to recommencing operations shortly.

21 - 5 - 08

Peters Gully Mine is opening up well in the North drive, where a large solid quartz reef is now showing 3 feet wide, heavily mineralised. A fortnight ago a reef, 2' (wide) thick, underlaying west was met with in the 275' drive. Mr. Sims thought that they ought soon becoming onto the shoot of gold that the company was floated to work.

28 - 5 - 08

Peters Gully
N. level in 288'. Reef 2'.
S. level at No. 2, in 132 ft. country nice mineralised slates.
S. level at No. 1, in 22 ft. Reef well defined, 8 inches wide, showing gold freely.

Beatrice Mine. New rock-breaker installed and an Elmore plant for treatment of low grade ore.

The 'Big Antimony' Mine is now dewatered as far down as No. 4 level. Timber is rapidly being pushed onward.

4 - 6 - 08

Peter's Gully
N. level at No 2 extended 14', total 302 ft., reef 5' with little gold in drillings. South level at No 2 extended 5 ft., total 137'. Commenced to rise and slope over back of South level at No. 1, reef 9 inches showing fair gold.

Heathcote Junction Co. Ground about 8' deep and improved in appearance.

Wattle Flat Sluicing Co. Resumed sluicing with one shift on the 19th of May. expect to get through hard ground in paddock, and get into ground of better appearance for sluicing.

4 - 1 - 06

McIvor Creek Hydraulic Sluicing Co. Clean up of paddock on 30th Dec. gave profitable yield of 125.3 dwt. Area of paddock 1.5 acres. Time occupied in sluicing was 13 weeks. Total gold from same 311.85 oz. with concentrates still to treat.

11 - 1 - 06

Gold returns for Heathcote for last quarter have been the largest for many years, being over 3250 ozs.

25 - 1 - 06

Part of the machinery for the Bombay Mine, Costerfield, was delivered at the Heathcote Railway Station. The mine will be developed as soon as possible after the remainder of the machinery arrives.

22 - 2 - 06

McIvor Creek Sluicing Co. Had a rough clean-up last week and obtained the splendid return of 132 oz. from about a half acre of ground. Water is scarce and only one shift has been working for last 3 weeks.
Williams Reef - South Heathcote is to be opened up.

1 - 3 - 06

Govt. Battery to be erected near New Year Venture, claim has been delivered.

29 - 3 - 06

Peter's Gully Reef
Alabama & Butler's Reef
Long Gully Reef } taken up again.

Wattle Flat - Hydraulic Sluicing Co. Grubbing for reservoir has been completed.

12 - 4 - 06

Burrell's reef. Stone averages 6 - 7 dwt a load. Reef is 8 ft. wide and shaft is down over 90'.

24 - 5 - 06

Specs. from Mt. Camel Estate.

1. Yield 14 dwt. gold per ton.
533.4 oz. silver per ton.
2. Yield 2 dwt gold per ton.
201.75 oz silver per ton.

Reefs from Heathcoteian formation. Reef supposed to be 8 feet wide.

Williams Reef Head frame nearly up. Old shaft is being cut back and retimbered. Shaft is being dewatered by a Cameron Steam pump capable of 'throwing' 9000 gals. per hour. This water has enabled the dredge on the creek to work two shifts.

31 - 5 - 06

Wattle Flat Sluicing Co. Portion of barge has been delivered and building expected to commence next week.

William Reef. Retimbering now down over 100 ft.

London Price Rise of Antimony to £100 per ton should give impetus to mining in the district.

4 - 6 - 08

cont:-

Caledonia Gully Sluicing Co. Sluicing with one shift. Plant now on bottom, and working to better advantage. Ground averages 10 feet in depth, and sluices freely.

11 - 6 - 08

Peter's Gully. No. 2 North level: Reef 4' wide, well defined
No. 2 South level: Country slate. Rise over back.
No. 1 South level average width of reef 10' carrying fair gold.

18 - 6 - 08

McIvor Creek Sl. Co. Ground contains a fair amount of solid. Ground shallow on creek side, but gives fair dish prospects. Had a partial clean-up on 8 inst. after a fortnight's run with one shift. Yield 10 oz.

Heathcote Junction Sluicing Co. Ground still contains a lot of slurry on bottom side of paddock. Partial clean-up for fortnight's run of one shift gave 17 oz.

Wattle Flat Sluicing Co. Ground continues hard and requires blasting. Roughed down races and boxes on sixth for 8.8 oz.

Caledonia Gully Co. Sluicing and blowing in bottom with one shift. Roughed down races and pump-hole and washed top-boxes on 6th for 16.75 oz.

Peters Gully - Battery to be erected. Stone in No. 1 level is worth fully 5 oz. - ton. In north level they are driving on a large reef that is looking very promising. The large formation on the surface, which is 45' wide, and will all be crushed in a face. This will keep the Battery constantly running. From No. 1 level, the stone on the surface is calculated to contain 150 oz gold.

25 - 6 - 08

Peters Gully

North level now 354' in. Reef pitched to E. Started a crosscut. South level. At No. 2 extended 12', total 166', country slate. Starting winze from No. 2 south level. Rise over back No. 1 South level up 25'. Meet S. end of chute of stone. Started intermediate level N. from head of rise. Stone making in face. Showing gold.

2 - 7 - 08

Peter's Gully

Into reef 4'; not through; prospects most encouraging. Formation 6', with about 6 dwt gold - ton.

N. level at 2 E. crosscut extended 10' across reef showing gold in stone and drillings. South level at No. 2 extended 10'. Struck quartzite formation. Intermediate rise at No. 1 extended 15'; stone small, carrying nice gold. Broke through into N. rise; good air for rising now.

McIvor Creek Sluicing with two shifts in ground about 15' deep, mostly solid. Wash is 2 to 3 feet deep.

Wattle Flat Sluicing Co. Clean up on 27th for 22 oz. Paddock $\frac{1}{2}$ acre. and took 5 weeks to take out with one shift for 30.8 oz.

Laura Gold & Antimony Co. Redcastle Trial crushing put through last week, gold over 1 oz - ton.

Victoria Syndicate: Lately freighted 495 tons concentrate with 45% antimony and 35 dwt gold - ton.

Bombay South end - 30' level driven in new main.

- 4 -

9 - 7 - 08

Peter's Gully. No. 2 eastern crosscut 10' out footwall proves reef 20 ft wide, 4' on footwall carrying gold. Started to drive North on stone on hanging wall, which shows gold in stone and drillings for 6' wide. No. 1 North intermediate extended from Ferguson's rise 13'. Reef 2' wide, showing fair gold.

Sluicing plants had a rough clean-up yesterday -

MoIvor Creek - 30.5 oz.

Caledonia Gully - 22 oz.

Possum Gully - 27 oz.

Heathcote Junction. - 23 oz.

16 - 7 - 08

Caledonian Gully

Ground averages 11' in depth.

23 - 7 - 08

Craven's Mine, Kyneton Rd. Reef has been struck below the slide, showing gold, but width of reef has not yet been ascertained.

30 - 7 - 08

Peter's Gully Mine (Progress Report)

No. 2 level N. Rising on stone, which proves payable for 6' wide, and dipping south.

No. 1. N. level extended 8', stone three feet wide carrying little gold. Rise up 20', stone making better, carrying little gold. Four trucks of stone to be sent to Bendigo for crushing.

Caledonia Gully, Sluicing and blowing in - also cleaning bottom. Have cleaned out barge site, and obtained fair dish prospects from same.

Wattle Flat Hydraulic Sluicing. Sluicing with one shift, and with second shift, cleaning in bottom - have blown out barge site.

Heathcote Junction Sluicing Co. Still working (no shift, sluicing and cleaning in bottom. Blown out barge site, which is mostly solid ground and shows fine gold in dish prospects.

6 - 8 - 08

Peters Gully Mine. Meeting held a week ago, when it was recommended that Battery should be purchased without delay.

MoIvor Creek Sluicing. Final clean up for 52 oz. This with previous returns makes 92.5 oz. from a small paddock of $\frac{1}{2}$ acre.

Wattle Flat rough clean up for 51 oz.

Craven's Mine, Heathcote. Underlay shaft sunk 57 feet. Driving south. Expect to out chute of gold in a few feet. Cut reef south end, not through yet: little gold.

13 - 8 - 08

Peter's Gully Mine

A trial crushing of 50 tons of stone from the Peter's Gully Mine was sent to Bendigo and yielded 33.5 oz. It is rumoured that the mine may close down, but there is supposed to be no foundation for such a rumour. Started to crosscut E. at N. end of No. 2 level. Winze at No. 1, total depth 20 feet, reef 15" showing nice gold. Rise at No. 1 resumed. Cut new make stone. Making water freely.

Cravens, Kyneton Rd. Have struck fair gold in reef opened up.

- 5 -

13 - 8 - 08

Wattle Flat Sluicing Co. Partial clean up on 5th gave 51.1 oz. after a run of 5 weeks with one shift.

Heathcote Junction. Had final clean-up on 1st inst. for 26.8 oz. making total from paddock of 66.8 oz. Paddock was slightly greater than $\frac{3}{4}$ acre and 9' in depth.

Caledonia Gully. Final clean-up on 5th. for 18.3 oz. which with previous returns makes 62.1 oz. Paddock nearly 1 acre, and 9' in depth.

20 - 8 - 08

Homeland Mining Syndicate - south of and adjoining Craven's Mine, have sunk a new shaft 50 feet and cut the reef 23' east of the shaft. Reef is now 3' in width and is highly mineralised, and shows gold freely in the solid stone.

Molvor Creek Sluicing Co. Sluicing in hard ground. Eastern side of paddock is about 4' deeper than creek side. Gutter rough and stony.

Caledonian Gully Concentrates treated for 6.85 oz. Ground is not payable, and operations have been suspended for the present.

27 - 8 - 08

Peter's Gully.

No. 2 N. level in reef formation carrying gold in stone for drillings. No. 1 level: Drive east from top rise 15 feet across reef: making water freely.

Heathcote Junction - Sluicing ground on hillside, which is mostly tailings, ground in barge site is about 7' deep and mostly solid, and prospects fine gold.

Wattle Flat - Sunk pump hole, and cut races deeper.

Peter's Gully. In N. end of property, the lode was 20' wide, and carrying payable gold on hanging wall, while there was gold on the foot wall. A start had been made to drive on the formation and he anticipated that the footwall would be cut very shortly. Manager thinks that payable stone will be found in No. 1 level before long.

10 - 9 - 08

Homeland Syndicate

6000 shares taken up locally. New Co. is to be called "South Craven's Gold Mining Co."

Peter's Gully No. 2 level. Gold in drillings improving for 7 feet wide. No. 1. level. E. drive from rise in solid quartz, making water.

Heathcote Junction Partial clean up on 3rd. for 31.4 oz. result of four weeks sluicing with one shift.

Wattle Flat Continued sluicing out barge site, which is 11' deep.

17 - 9 - 08

Wattle Flat:

final clean up for 38.2 oz. which with previous return makes a total of 89.3 oz. from $\frac{3}{4}$ acre paddock. 10 weeks with one shift.

Molvor Creek. Partial clean up for 33.5 oz.

1 - 10 - 08

Peter's Gully.

No 1 level, Intermediate extended to 39' from rise, hard solid blue quartz. No. 2 level extended to 421 feet. Country rock in slate with quartz leaders.

Craven's G.M. Co. Struck payable gold in South-end.

Wattle Flat Hydraulic Sluicing. Treated concentrates for 6.8 oz.

8 - 10 - 08

Peter's Gully Intermediate above No. 1 level advanced to 41 feet. Face still in hard solid quartz. No. 2 level advanced to 433'; country rock slate and quartz leaders.

McIvor Creek Hydraulic Sluicing. Had final clean-up on 30th Sept for 33.4 oz. making total from paddock of 66.9 oz. Paddock had an area of $\frac{3}{4}$ acre, and averaged 18' deep. Barge site is in better ground.

Heathcote Junction Final clean-up for 22.6 oz., making a total of 54 oz. from a $\frac{3}{4}$ acre paddock. Excl. of cone.

15 - 10 - 08

Peter's Gully. No 1 level-intermed. extended to 43', very hard quartz; face showing signs of country-rock. No. 2 level advanced to 440 feet; country rock and quartz leaders. "Woodcutter, writing in the Bendigo-Advertiser, refers to Driving in Peter's Gully and states that there is an old shaft with 160 ft of water above the drive which might be met with any day now, and about 1000 ft of water filled drives - so every care should be taken."

Heathcote Junction. Resumed Sluicing. Treated concentrates for 10.5 oz.

McIvor Creek Resumed Sluicing and treated concentrates for 5.1 oz.

Wattle Flat Resumed sluicing in ground that comes away freely; bottom rough with quartz reef and leaders.

5 - 11 - 08

Peter's Gully

No 2 level extended and timbered to 470', slate and quartz leaders. Little water from west-wall and back of drive.

Wattle Flat Ground on W. side of paddock hard and requires shooting. Had partial clean-up on 27th Oct. for 28.9 oz.

Heathcote Junction - partial clean-up on 28th for 25 oz. Ground on Creek side is a little deeper.

McIvor Creek Sluicing Co. Sluicing a narrow channel up creek. Ground is a little shallower and has been well worked. Progress has been slow owing to a number of stones. Partial clean-up on 28th Oct. for 27.4 oz.

19 - 11 - 08

Peter's Gully

No 2 level extended to 484', slate, sandstone and quartz leaders. Water in old-workings going down 4" per day.

Wattle Flat - Finished sluicing western side of paddock, which was hard, and required shooting. Prospects poor in new barge site.

Heathcote Junction. Sluicing and cleaning bottom. Have taken a strip off Hill-side, where Black Jack run comes in.

McIvor Creek Sluicing - Completed Barge Site. Reef has risen on both sides and stones are troublesome. Wash is cemented onto bottom with little gold showing.

26 - 11 - 08

Homeland G.M. Co. Bald Hill Flat Are making active preparations for working their mine. Boiler, Winch and 10 stamp battery purchased.

Peter's Gully: No 2, N drive extended to 494' slate and quartz leaders. Draining old workings at 2' per week.

Bombay Mine. Costerfield. - has been shut down.

- 7 -

3 - 12 - 08

Hoiver Creek Sluicing Co. Final clean up week ago, for 33.5 oz., which with previous return makes 61 oz. from the paddock, which is $\frac{1}{2}$ acre and average depth of 13 feet.

Heathcote Junction. Clean up 24th. for 23.2 oz. making total from $\frac{1}{2}$ acre paddock of 47.65 oz.

Wattle Flat. Clean up on 24th Nov. for unsatisfactory yield of 23.5 oz., making total of 52.5 oz. for $\frac{3}{4}$ acre paddock, av. depth of 9'.

24 - 12 - 08

Peter's Gully

No 2 level extended N. level to 515'. well defined laminated reef 8' wide.

31 - 12 - 08

Homeland G.M. Co.

floated capital of £9000 in 36,000 shares and has gone ahead with remarkable rapidity. Lease in 25 acres and $\frac{1}{2}$ mile NW of Heathcote adjoining Cravens Goldmines. Reef very payable, and shares are rising rapidly. Reef is highly mineralised and shows gold in solid stone. Estimated value over $\frac{1}{2}$ oz per ton.

1909 MISSING

McIVOR TIMES 1910

17 - 2 - 10

Heathcote Junction. Partial clean-up on 9th for improved yield of 36.35 os. Result of four weeks sluicing with one shift.

24 - 2 - 10

Heathcote Junction - ceased operations temporarily owing to shortage of water.

17 - 3 - 10

Heathcote Junction - cleaned up portion of paddock for 7.35 os. Owing to ample supply of water, resumed sluicing on the 7th inst.

14 - 4 - 10

Heathcote Junction, Sl. Partial clean-up on 6th for 22.7 os.

26 - 5 - 10

McIvor Creek. Sluicing operations resumed at McIvor Creek dredge 16 days ago, by Mr. Straede, who purchased the plant from the company recently. Operation on a one-shift basis.

21 - 7 - 10

Bald Hill, Manganese. Syndicate formed recently, to tunnel Bald Hill for manganese and gold - members are Messrs Reid Clelland, of Costerfield and Farnback & Colvin of Melbourne. The tunnel on the west side of the hill is now in a little over 100'. Analysis of Manganese ore indicates traces of gold. Several patchy manganese leaders have been met with.

MOIVOR TIMES 1911

For detailed account of Individual Mines (History), see June 11, 1911.
Also Oct. 19, 1893.

13 - 7 - 11

Mr. Harrison putting through another crushing. (Craven's ?)

21 - 9 - 11

South Devon Lease, Rusworth. Trial crushing of two loads returned 160 oz. of amalgam, and is expected to go over 100 oz gold.

Craven's - Mr. Harrison started another crushing.

28 - 12 - 10

Beaby continues running three shifts. Thought that old slimes can be worked profitably. Reef looks well in bottom drive and is yielding some good antimony ore. Roasting furnaces are being renovated. If bulk trial is a success, new plant will be erected for extraction of antimony oxide. The price of antimony is so low, that no profit is being made.

MOIVOR TIMES 1912

7 - 3 - 12

Quarter ended 31st Dec. 1911 -

J. W. Harrison, Heathcote, 300 tons for 105.75 os. Value £384.4.0
MoIvor Creek Dredge 1½ acres, for 38.35 os. Value £153. 7. 0
Costerfield Mining Co. 282 tons (conc.) - value £2,360
Great Pigeon Costerfield 17 tons for 24 os. Value £95.2.0.

13 - 6 - 12

Costerfield Antimony Mine, Record shipment of 3663 bags of antimony ore recently despatched to St. Helens smelting works, Lancashire, England. This is the result of 6 weeks work. Red Hill, Heathcote, iron ore is being opened up, with a view to smelting the antimony ore. Reef continues to improve with depth.

25 - 7 - 12

Victoria Syndicates Mine, Costerfield. Returns are becoming richer as work progresses. There are about 100 men employed at the mine now. During 1911, the Costerfield Mine produced 743 tons of antimony, valued at £8928.

7 - 11 - 12

Great Pigeon Mine Reed & Party will further test the great Pigeon mine, Majors Line, intending to sink shaft to 100', with aid of £150 from Mines Dept.

28 - 11 - 12

Costerfield Antimony Mine, 67 tons antimony shipped. New drives at 600' level are opening up some good ore. Intended to dewater the lower levels on Bombay Mine immediately.

27 - 2 - 13

Helvor Creek Dredge is being dismantled after being sold by auction on the 13th. Mr. Straede bought sluicing apparatus in March 1910, and worked till August 1911, but results were unprofitable. The drought last year, caused 7 months idleness.

3 - 7 - 13

Costerfield Antimony Mine. Record loading of antimony ore, 33 trucks (410?) tons. Last shipment of ore was May 14th, and since then mine has been producing 58½ tons per week. (31 - 7 - 13)
Another 350 tons antimony ore shipped. Total 75½ tons for month.

28 - 8 - 13

Yields for Quarter ended 30th June. Costerfield Mining Co. 1597 tons for 587 (oz) tons of antimony concentrates of the value of £7,844.
Stuart & Co. 54 tons for 27.7 oz.

26 - 3 - 14

Costerfield Mine. Dry spell of weather is causing alarm and it is feared that mine may have to close owing to lack of water.

7 - 5 - 14

Costerfield Mine. New boiler to be installed at the Costerfield mine.

28 - 5 - 14

Costerfield Mine Tenders called for to sink main shaft to 400' feet and also almost 500' of drives.

4 - 6 - 14

Costerfield Mine For quarter ended March 31, 2927 tons mined for 435 oz. of concentrates of antimony to value of £8820.

Whroe & Rushworth.

Nuggety Hill 26 loads gave 17.1 oz.

Nil Desperandum 6 tons 10.1 oz.

White Hills (2 men) trial 9.1 oz.

Wart

4 - 8 - 14

Costerfield Mine As demand for antimony in England has now ceased, the Costerfield mine has closed down indefinitely.

20 - 8 - 14

Costerfield Mine Shaft Hill being sunk, and is down 470'. There are hopes that demand for antimony will continue and also that it's price will rise.

27 - 8 - 14

Costerfield Mine Quarter ending June 30, 2349 tons of antimony conc. were treated and gave a gold return of 708 oz. (£17,316.)

3 - 9 - 14

Costerfield Mine Shaft sinking to continue, and up to 400 tons antimony conc. to be shipped.

1 - 10 - 14

Costerfield Mines Return for quarter up to Sept. 31st. Ore 1266 tons. Tailings treated 765 tons. Conc. shipped to England 530 tons. Value, £6,432. Main shaft sunk 160 ft.

22 - 10 - 14

Bald Hill Manganese - attempts being made to discover the lode.

29 - 10 - 14

Costerfield Mine - Mill stopped owing to lack of water.
