

**RON GREGORY PROSPECTING**

**RL1/2011**

**LEFROY**

**TASMANIA**

**ANNUAL REPORT**

**Period ending 30<sup>th</sup> April 2018**

**May 2018**

**Author: Ron Gregory**

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- 2. Ron Gregory**

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## **1        ABSTRACT**

This report details the work completed on RL1/2011 for the twelve-month period ending 30<sup>th</sup> April 2018.

RL1/2011 (1.5sq km) basically covers the known locations of the Pinafore and Chum Reefs at Lefroy. These 2 reefs historically produced around 100,000oz of gold.

Whilst the early producers targeted ½ - 1oz high grade reefs, there remains a potential for an open cuttable resource to still remain.

## **2.        INTRODUCTION**

Little field exploration work was done during 2017-2018, due to lack of financial resources in another difficult trading year.

Several attempts to locate a Joint Venture partner or a purchaser with greater resources were made, to no avail.

## **3.        TENEMENT STATUS**

The Retention Licence (RL1/2011) covers 1 square kilometre in north-eastern Tasmania, just north of Lefroy Township on the road to Beechford about 45km north of Launceston. See **Figure 1**.

The Licence (6 sq km) was originally granted to BCD Resources NL on 23rd April 2012 for a period of 2 years. The Licence was subsequently transferred to Ron Gregory effective from the 6<sup>th</sup> March 2013.

BCD Resources NL (previously named Beaconsfield Gold NL {BGL}) acquired the Exploration Licences covering the Lefroy Goldfield and other areas from Lefroy Resources Ltd (LRL) in 2008, of which RL1/2011 is a small remaining part thereof.

The Licence contains no excluded areas and covers the known location of the Pinafore and Chum Reefs.

#### **4 TOPOGRAPHY AND ACCESS**

RL1/2011 is located largely within the State Forest and Crown Land and accessed by the Council maintained Lefroy – Beechford road (bitumen), which runs south-north through the tenement. The terrain is undulating and vegetation is mostly light, open, eucalyptus forest, which has been extensively cutover for firewood.

#### **5. GEOLOGY AND MINERALISATION**

The Lefroy Goldfield is in the Stoney Head Sandstone within 2km contact with the Turquoise Bluff Slate. The Stoney Head Sandstone is a thick bedded and typically unfossiliferous sandstone dominated succession (Reed, 2004).

A complete synopsis of the regional geology can be found in Baxter and Fulton (2006) – included as Appendix A, 2006 Annual technical report. (06\_5386)

#### **6 PREVIOUS EXPLORATION AND MINING**

Pre 2004 and 2004-2007 is summarized in the last Lefroy Project Annual Technical Report (Lloyd, 2007) (07\_5543)

BGL had Coffey Mining Pty Ltd reinterpreted the LRL work on the Pinafore Reef and generated a JORC compliant Inferred Resource of 810,000 tonnes @ 1.46 g/t Au for 37,900 oz. Recommendations were made for further drilling. BCD drilled 13 percussion holes in 2010, 10 of which achieved intersections in the order of 0.5-3.4 g/t Au. The drilling “confirmed the southerly dip of the Pinafore Reef, but unfortunately no evidence of higher grade mineralization in the up-dip portion of the resource was encountered. The 2010 drilling firmed up the view that the main concentration of mineralised shoots with dip direction continuity is west of the Beechford Road and that the resource overall is of marginal size and grade and would require a prolonged stable period of very high gold price (or gold hedging) to justify development. Drilling coverage through the Pinafore Reef and the abandoned underground workings is now considered sufficient and no further drilling is planned in the near future” (Morrison 2010).

An in-house report (non JORC compliant but prepared under JORC guidelines) was prepared by David Gibbons, Senior Geologist of BCD Resources in October 2011, following the above drilling.

## **7. WORKS COMPLETED DURING REPORT PERIOD**

### **7.1 Detecting for gold along the line of the Pinafore Reef west of the Beechford road**

Four friends and myself detected along the line of the Pinafore Reef over 4 days. Disappointingly no gold was found, only metal iron artefacts from previous mining.

### **7.2 Research into historical newspaper reports on mines within RL 1/2011.**

Continued to compile records relating to the old mines within RL 1/2011. This is a “work in progress” and a spreadsheet for the Pinafore, Chum and Unity mines is in **Appendix 1**.

This work is being conducted to get a better understanding of the origin and nomenclature of mapped surface workings.

So far it has highlighted that the upper 10 metres or so of the Pinafore reef might remain unworked. If this is the case then it could provide a suitable target for costeaning, which is something I may be able to afford, should my financial situation improve.

### **7.3 Attempts to locate a Joint Venture partner or purchaser.**

**7.3.1** The exclusive option entered into with John Canaris of Tracker Geoservices Pty Ltd in September 2016 enabling him to market, convert or sell RL1/2011, remains in place. To date nothing has transpired.

**7.3.2** Informal discussions have been held with Mr Grant MacDonald representing a company considering purchasing the Beaconsfield gold mill. I have indicated my willingness to discuss a sale or joint venture should they acquire the mill.

**PROPOSED EXPLORATION 2018-2019**

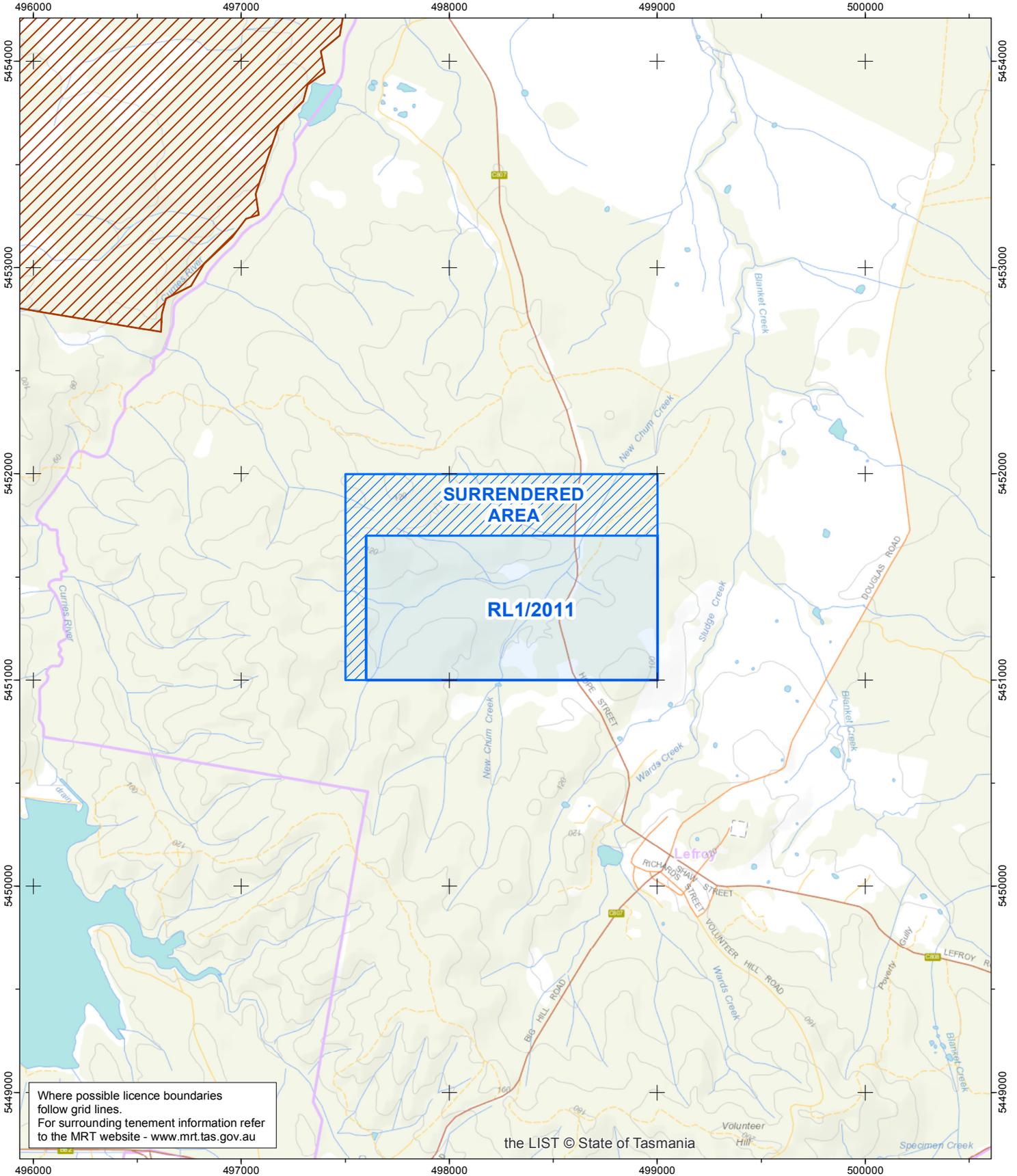
- Continue to review existing geological and historical data
- Continue developing the map of historical surface workings through newspaper research.
- Continue to look for a company with sufficient funds to further exploration.

**9. ENVIRONMENTAL**

No on-ground works were conducted that required re-habilitation.

**10. EXPENDITURE**

The value of work done by the author was \$15,808 to the 31<sup>st</sup> March 2018.



### RL1/2011 1km<sup>2</sup> Vicinity of Lefroy

0 1 2 km

1:25,000

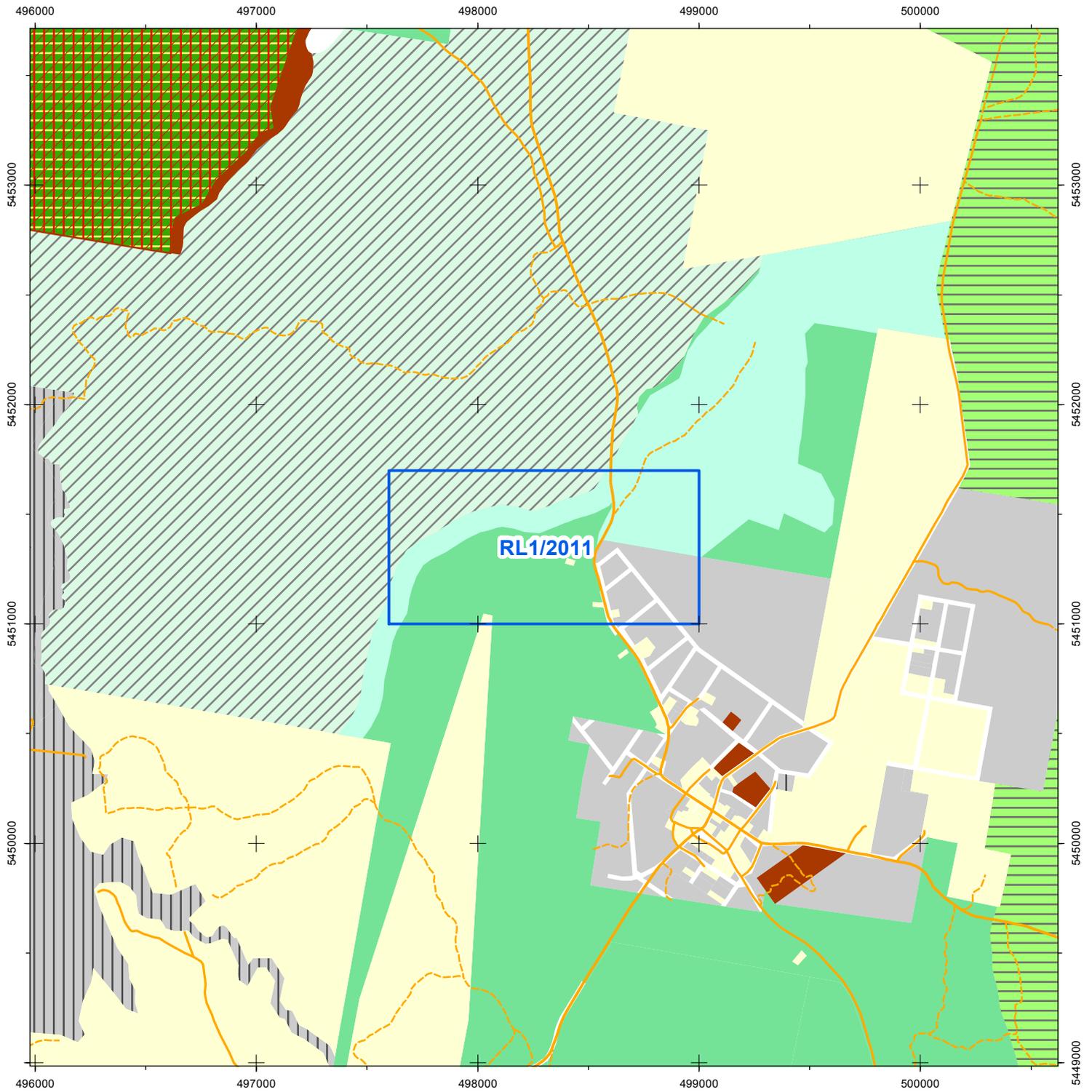
Coordinate Datum - GDA94 MGA Zone 55



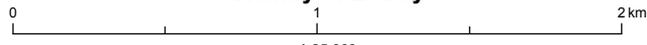
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# Department of State Growth

MINERAL RESOURCES TASMANIA



**RL1/2011 - 1km<sup>2</sup>  
Vicinity of Lefroy**



1:25,000  
Coordinate Datum - GDA94 MGA Zone 55

**Land Tenure / Special Management Areas (Guide Only)**

- |                                 |   |                        |  |
|---------------------------------|---|------------------------|--|
| Unavailable Areas               | Future Potential Production Forest (HEC)              | Game Reserve           | Future Potential Production Forest (Crown)                                   |
| Mining Lease                    | Informal Reserve (Forestry Operations) - Private Land | Historic Site          | Informal Reserve - FT Managed Land   |
| RAMSAR Site                     | Private Land  | National Park          | Permanent Timber Production Zone Land  |
| Gas Pipeline Corridor           | Aboriginal Administered Land                          | Nature Recreation Area | Authority Land   |
| Fossicking Area                 | Wellington Park                                       | Nature Reserve         | Crown Land   |
| Fossil Site                     | Conservation Area                                     | Regional Reserve       | <b>Private Reserves</b>  |
| Commonwealth Land               |   | State Reserve          | Available under the MRDA but not available under administrative arrangements |
| Aurora / Hydro / Transend Lands |   | Public Reserve         | Available under the MRDA   |



**Note: Land tenure is derived from the LIST and other sources and may be incomplete. Not all land tenure depicted in legend may appear on the map. Relevant tenement land tenure / land management area indicated \***

RL1/2011

ANNUAL REPORT to 30<sup>th</sup> April 2018

APPENDIX 1

PINAFORE REEF NEWSPAPER REPORTS SUMMARY 1 <sup>st</sup> Oct 1890 – 31 <sup>st</sup> Dec 1891			
DATE	NEWSPAPER	MINE	DETAILS <span style="float: right;">1.</span>
4 Oct 1890	Tasmanian	New Pinafore	Directors approve renting the Native Youth battery.
7 Oct 1890	Daily Telegraph	New Pinafore	Shaft sunk 16ft & is now 70ft deep. Stopping on No. 1 Level is payable. Eastern prospecting shaft sunk 18ft. Reef cut at 10ft from the surface. 45 tons delivered to the Battery. Crushing started last Thursday.
14 Oct 1890	Daily Telegraph	New Pinafore	Shaft sunk 5ft & is now 75ft deep. Stopes above No 1 Level giving fair stone. Eastern Prospect Shaft sunk 2ft to depth of 20 ft. Reef at bottom carrying good gold. Have driven 4ft west on reef of fair quality. 70 tons to Battery. 30 tons still in Paddock.
18 Oct 1890	Daily Telegraph	Chums	Level 7 (525ft) extended 7ft, total from Crosscut 241ft. Rise at back of 7 Level risen 8ft to a total of 29ft.
20 Oct 1890	Daily Telegraph	New Pinafore	Timbering shaft & ladderway. No 1 Level stope producing fair stone. East Prospect Shaft Crosscut extended 4ft south to hanging wall, proving reef 11ft wide. West Level extended 8ft, total 12ft. Reef carrying fair gold. Average width of crushing dirt 3ft. <u>Distance between East &amp; West Shaft is 264ft.</u> 116 tons to Battery
25 Oct 1890	Daily Telegraph	Unity	East drive No 6 Level extended 13ft, total 361ft.
1 Nov 1890	Colonist	New Pinafore	East drive No 2 Level extended 12ft. total from Crosscut now 16ft. Stope above No 1 Level nearly to the surface & poor in quality. East Drive in East Shaft ( <i>No longer called "prospect" shaft</i> ) extended 12ft, total 22ft on reef 3ft wide, good payable stone. West drive extended 3ft, total 15ft on reef of fair quality. 140 tons to Battery.
		Chums	West Drive No 7 Level driven 6ft.
4 Nov 1890	Mercury	New Pinafore	East Drive No 2 Level extended 26ft, reef poor. South Crosscut driven 22ft. East Shaft stopping with fair results. 200 tons to Battery.
5 Nov 1890	Mercury	New Pinafore	Crushing clean-up 103.75oz.
			2.

DATE	NEWSPAPER	MINE	DETAILS	2.
5 Nov 1890	Mercury	Unity	East Drive No 6 Level extended 9ft to 185ft. South Crosscut No 5 Level extended 7ft to 368ft.	
12 Nov 1890	Daily Telegraph	New Pinafore	East Drive No 2 Level extended 8ft to 84ft from Shaft. South Crosscut extended 9ft to 30ft from Shaft. Main Shaft sunk and timbered to 27ft.	
		Chums	West Drive No 7 Level (525ft) extended 12ft to 292ft from Crosscut. South Crosscut in No 7 Level driven 5ft to 15ft.	
		Unity	Further driving on no ore.	
7 Nov 1890	Daily Telegraph	New Pinafore	Main Shaft sunk and timbered 25ft to 52ft from surface. East Drive No 2 Level extended 6ft to 40ft from shaft. East Drive South Reef extended 9ft from Crosscut.	
22 Nov 1890	Colonist	New Pinafore	ARTICLE – Pinafore is 2 reefs 20ft apart, with North reef strongly mineralised and South reef rubbly.	
2 Dec 1890	Launceston Examiner	New Pinafore	Main Shaft Crosscut extended 22ft with last 3ft being on the lode. Now driving east & west. East Drive No 2 Level extended 12ft to South Reef, total 27ft from Crosscut. Reef 2ft wide of good payable stone. Re-timbering drives and Crosscuts. 34 tons to Battery.	
8 Dec 1890	Tasmanian	New Pinafore	Main Shaft Crosscut extended 35ft. East Drive extended 14ft on reef 15 inch wide. West Drive extended 14ft from Crosscut on reef 3ft wide. Stoping in No 2 Level West Shaft. 60 tons to Battery.	
13 Dec 1890	Colonist	New Pinafore	Crushed 65 tons for 44oz.	
15 Dec 1890	Colonist	New Pinafore	Main Shaft East Drive extended 13ft to 27ft from Crosscut. Reef is 15 inch wide but poor. West Drive extended 9ft to 23ft from Crosscut on reef 1ft wide. West Shaft West Drive extended 7ft on South Reef to 27ft. Reef 8ft wide carrying good payable stone. Bad air.	
20 Dec 1890	Colonist	New Pinafore	ARTICLE – Rich stone from 70ft Level in West Shaft	
22 Dec 1890	Colonist	New Pinafore	Crushed 45 tons for 112 oz.	
22 Dec 1890	Daily Telegraph	New Pinafore	Main Shaft West Drive extended 14ft to 37ft from Crosscut on reef 3ft wide. No 1 Stope driven 5ft on reef 2ft wide. Repair West Shaft and now have good air. West Drive on South Reef extended 8ft to 35ft from Crosscut. Reef 9ft wide with 5ft showing gold.	
				3.

DATE	NEWSPAPER	MINE	DETAILS	3.
23 Dec 1890	Daily Telegraph	Chums	South Crosscut in No 7 Level extended 5ft to 46ft	
24 Dec 1890	Launceston Examiner	New Pinafore	Crushed 120 tons for 183 oz ( <i>presume amalgam</i> )	
30 Dec 1890	Mercury	New Pinafore	Main Shaft West Drive extended 3ft and Rise extended 4 ft on reef 2ft wide carrying payable gold. West Shaft West Drive on South Reef extended 5ft on reef bearing Northwards towards Main Reef on good gold 4ft wide. No 1 Stope driven 8ft on reef 2ft wide on payable ore.	
		Chums	South Crosscut in no 7 Level extended 4ft to 50ft with no change. Now stoping East & West from Winze on lode 2-3ft in width.	
1 Jan 1891	Daily Telegraph	West Pinafore	West Pinafore Prospecting Association formed.	
10 Jan 1891	Daily Telegraph	New Pinafore	Crushed 70 tons for 216 oz amalgam.	
		Chums	Crushed 125 tons for 25 oz 13 dwt retorted.	
12 Jan 1891	Daily Telegraph	New Pinafore	Main Shaft West Drive extended 13ft to 60ft from Crosscut on reef 3ft wide. Stoping west of Crosscut on reef 2ft wide with fair results. West Shaft West Drive on south reef extended 8ft to 53ft from Crosscut on reef 2-3ft wide. East Drive extended 5ft to 32ft from Crosscut on reef 18inch wide but only fair gold. Stoping east of Crosscut on reef 2ft wide with good stone. This shoot of stone has now been driven on for 85ft and is still in good stone in the east & west ends, averaging 4ft wide.	
		Chums	No 7 Level driven on south lode extended west 8ft to 14ft.	
26 Jan 1891	Daily Telegraph	New Pinafore	Crushed 26 ton for 176 oz amalgam. Main Shaft West Drive extended 10ft to 80ft from Crosscut on reef 4ft wide. Stoping west of Crosscut on reef 2ft wide. West Shaft stoping 7 repairs on reef 2.5ft wide.	
2 Feb 1891	Daily Telegraph	New Pinafore	Crushed 220 tons for 202oz retorted. Main Shaft West Drive extended 14ft to 94ft from Crosscut. No change in character of reef. Stopes on good stone. West Shaft East Drive extended 6ft to 48ft from shaft. North & south reefs have junctioned at this point making a large body of stone with very fair gold.	
		West Pinafore	Shaft sunk & timbered 13ft	
		Chums	South Crosscut in No 3 level extended 10ft to 25ft, no change. No 2 Level driven 5ft to 11ft.	
				4.

DATE	NEWSPAPER	MINE	DETAILS	4.
11 Feb 1891	Daily Telegraph	New Pinafore	No stoping done. New Shaft ( <i>haulage shaft, I think</i> ) on footwall side of reef sunk 60ft, the last 30ft in shooting ground. North Crosscut extended 20ft to 27ft from shaft & connected with new shaft. We have at last got the chain (??) footwall proving the main body of stone to be 24ft across. Poppet head legs being readied for new Engine Shaft.	
		West Pinafore	Shaft sunk further 15ft to 28ft from surface.	
		Chums	Lode in East Stope is 20 inch with good gold. No 8 Level (625ft) driven 5ft to 55ft from Crosscut on lode 4ft between walls.	
17 Feb 1891	Daily Telegraph	New Pinafore	New Hauling Shaft sunk and timbered 15ft to 75ft from surface. Surface work on poppet legs for engine shaft. 25 tons to battery.	
		West Pinafore	Shaft sunk & timbered 10ft to 38ft from surface.	
		Chums	West Driven No 8 Level driven 7ft to 62ft on 4ft lode. Width of lodes in stopes is 2ft.	
		Unity	South Crosscut extended 7ft to 494ft.	
20 Feb 1891	Daily Telegraph	New Pinafore	ARTICLE – Main Engine Shaft is a convenient distance south of South Reef. Last 3 crushing's 540 tons for 587oz.	
		West Pinafore	West Pinafore shaft is near their boundary and 250ft from the New Pinafore.	
		Unity	Has increased its capital.	
		Chums	On better stone.	
27 Feb 1891	Daily Telegraph	New Pinafore	Stoping in West Shaft. Reef is much disturbed with occasional patches of good stone, but not regular like the 70ft Level. Have not driven either end. 60 tons crushed for 36 oz amalgam. 30 ton of stone from South reef difficult to crush so mixed with Main Reef ore.	
		West Pinafore	Shaft sunk & timbered 12ft to 50ft from surface. Whip erected.	
		Chums	West Drive no8 Level driven 10ft to 70ft on lode 3ft wide. Eastern stope lode 2.5ft wide.	
3 Mar 1891	Daily Telegraph	New Pinafore	Stoping in West Shaft on fair gold. Engine Shaft sunk & timbered 12ft. 30 tons crushed for 40oz amalgam.	
		West Pinafore	Shaft sunk & timbered 13ft to 63ft.	
		Chums	East lode is 2ft wide with a little gold. Wanting stone for battery so stoping back of No 7 Level on 3ft lode.	
11 Mar 1891	Daily Telegraph	West Pinafore	Shaft sunk & timbered 17ft to 80ft.	
16 Mar 1891	Daily Telegraph	New Pinafore	Fatal accident – Julius Witton, 46 yrs.	
17 Mar 1891	Daily Telegraph	New Pinafore	Engine Shaft sunk & timbered 16ft to 56ft. Stoping in West Shaft. Reef was small then increased to 2-3ft wide.	
		West Pinafore	Shaft sunk & timbered 8ft to 88ft.	5.

DATE	NEWSPAPER	MINE	DETAIL	5.
17 Mar 1891	Daily Telegraph	Chums	All hands stoping at back of No 7 Level on 3ft stone.	
24 Mar 1891	Daily Telegraph	New Pinafore	Engine Shaft commissioning had to wait for Government Inspector. West Shaft stoping. A small Crosscut has been driven 17ft south to the hanging wall with 18 inch of stone.	
		West Pinafore	Chamber & Plat at 80ft Level completed. Crosscut driven 20ft north.	
		Chums	Stoping back of No 7 Level, no change.	
27 Mar 1891	Daily Telegraph	New Pinafore	Crushed 135 tons (?) for 82 oz. ( <i>amalgam or retort unknown</i> )	
1 April 1891	Daily Telegraph	New Pinafore	New Engine Shaft sunk & timbered 28ft to 84ft. West Shaft southern Crosscut driven 16ft to 3ft wide stone in hanging wall.	
		Unity	Crosscut in No 5 Level extended 5ft to 529ft from shaft. East drive extended 4ft to 18ft from Crosscut and met a new lode 2ft wide, heavily charged with mineral. The lode formation is 100ft from Main shaft (???) This was driven 4ft to 14ft from Crosscut.	
		Chums	50 tons to Battery	
2 Apr 1891	Daily Telegraph	West Pinafore	Crosscut extended 26ft to 46ft from shaft, driving north.	
7 Apr 1891	Daily Telegraph	New Pinafore	Engine Shaft sunk & timbered 18ft to 102ft from surface. Stone 2.5ft wide in hanging wall driven on east & west of Crosscut. Stopes continue to produce payable stone.	
		West Pinafore	Crosscut driven 18ft to 64ft. For the last 6-8ft in reef formation with trace of gold. The reef has been struck 2 chains from our western boundary, where it is 6ft wide. A considerable amount of alluvial gold was found on this portion of the claim.	
		Chums	No 2 Level extended along course of lode for 10ft to 21ft. Starting driving on No 8 Level. Crushed 295 tons for 28oz retorted gold.	
14 Apr 1891	Daily Telegraph	New Pinafore	Main Shaft sunk & timbered 14ft to 116ft. Stopes continued to produce payable stone. 65 tons crushed for 64 oz amalgam.	
		West Pinafore	Crosscut extended 6ft to 70ft total to reach well defined formation 15ft wide on footwall. (?) Driven 13ft west on footwall. Can wash very fair prospects from alluvial below line of reef.	
17 & 18 Apr 1891	Daily Telegraph	West Pinafore	Cut cap on Pinafore reef 16ft from surface 2 chains west of shaft close to creek. Can obtain gold in rubble by crushing reef 3ft wide. Exact distance from shaft is 150ft. This is due south of the New Chum shoot of gold.	
21 Apr 1891	Daily Telegraph	New Pinafore	Main shaft sunk & timbered 16ft to 132ft. West Shaft East Drive on main reef extended 7ft to 55ft from Crosscut. Reef highly mineralised with a little gold. Stoping on south reef continued with fair results. East shaft drives being cleaned out.	6.

DATE	NEWSPAPER	MINE	DETAILS	6.
21 Apr 1891	Daily Telegraph	West Pinafore	West Drive on course of reef extended 18ft to 31ft from Crosscut.	
		Chums	West Drive in No 8 Level extended 11ft to 94ft on course of reef 18inch wide.	
28 Apr 1891	Daily Telegraph	New Pinafore	Main Shaft sunk & timbered 12ft to 144ft. Placed opening set at 140ft. West Shaft stoping continued.	
		West Pinafore	West Drive extended 20ft to 51ft from Crosscut. West Prospect Shaft timbered & sunk 7ft to 22ft. Some loose gold has been found on our section.	
		Chums	West Drive in No 8 Level extended 12ft to 105ft.	
		West Pinafore Extended	West Pinafore Extended P. A. formed.	
30 Apr 1891	Daily Telegraph	New Pinafore	Crushed 230 ton for 323.5 oz retorted	
		Unity	South Crosscut No 5 Level extended 5ft to 54ft. New Reef Drive extended 8ft to 44ft from Crosscut. Quartz leaders all over face & highly mineralised. North Track (?) stone is much like Chums. Driven 5ft for 33ft total.	
5 May 1891	Daily Telegraph	New Pinafore	Main Shaft sunk & timbered 6ft to 150ft. West stoping continued with good results.	
		West Pinafore	West Drive extended 17ft to 68ft. West Prospect Shaft sunk 14ft to 36ft.	
		Chums	Western Drive No 8 Level extended 12ft to 118ft.	
8 May 1891	Daily Telegraph	Unity	No 5 Level Crosscut extended 4ft to 546ft from shaft. New or Middle Lode or Track extended 5ft to 38ft.	
18 May 1891	Daily Telegraph	New Pinafore	Crushed 130 ton for 14 oz amalgam. Crosscut north from Main Shaft extended 17ft to 37ft. Western Shaft stoping east of the shaft worked up to the alluvial wash. Reef being poor as it reached surface. Western stopes are capital stone. Western Shaft East Drive put in order	
		West Pinafore	Western Drive extended 18ft to 104ft from crosscut. North Crosscut extended 4ft.	
		Chums	Western Drive No 8 Level extended 11ft to 141ft.	
19 May 1891	Daily Telegraph	New Pinafore	ARTICLE – Very rich stone being raised equal to anything seen on the field. Alluvial diggers encroaching on ground pegged for New Pinafore building purposes.	
21 May 1891	Daily Telegraph	Unity	No 5 Level South Crosscut extended 4ft to 566ft. New or Middle Lode improving.	
22 May 1891	Daily Telegraph	East Pinafore	ARTICLE – East Pinafore company formed.	
27 May 1891	Daily Telegraph	New Pinafore	Main Shaft North Crosscut extended 23ft to 60ft with last 6ft on reef formation. West Shaft stopes still good. Reef has been struck 20ft west of any previous workings & sinking on it. East Shaft East Drive extended 10ft to 40ft from crosscut on reef 2ft wide & well defined.	
				7.

DATE	NEWSPAPER	MINE	DETAIL	7.
28 May 1891	Daily Telegraph	Unity	South Crosscut No 5 Level extended 3ft to 559ft. New Lode extended 8ft to 68ft from crosscut. Reef 5ft wide with heavy mineral but have not seen gold. South West Chum Shaft re-opened.	
		West Ext Pinafore	Shaft sunk 22ft & crosscut started.	
2 Jun 1891	Daily Telegraph	New Pinafore	Main Shaft Crosscut now called No 2 Level extended 17ft to 77ft. The 2 reefs (north & south) have been passed through. The former is 3ft wide solid highly mineralised stone between well-defined walls with a little gold. The latter is 14ft wide between the walls, 5ft of which is payable. Expect to drive 30ft further before reaching the rich shoot of stone worked in the upper level. West Shaft stopes worked nearly to the surface and have carried gold whole distance. The Prospecting Shaft sunk 22ft with 2ft of very fair gold East Shaft East Drive extended 10ft to 50ft from crosscut. Crushed 210 ton for 314 oz retorted.	
		Chums	ARTICLE – Pinafore lode runs through the Chum east section. The Unity now developing the South West Chum which 9 years ago the main shaft went through the Pinafore Reef at 12ft and is now being tested.	
		New Pinafore	The Pinafore Reef is said to have been found by Fletcher & Porter.	
9 Jun 1891	Daily Telegraph	New Pinafore	No 2 Level driven 10ft east & 6ft west of crosscut. West Shaft stopes above No 1 Level worked to the surface & back filled. East Shaft East Drive extended 3ft to 53ft from crosscut in mullocky reef.	
		West Pinafore	West Drive at Whip Shaft extended 10ft to 130ft from crosscut. Prospect Shaft driven 5ft east & 5ft west. Reef in bottom of 80ft Level showing gold freely.	
		Chums	West Drive No 8 Level extended 12ft to 175ft on well-defined lode 2.5ft wide.	
		West Ext Pinafore	Sunk shaft 30ft south of our No 1 shaft & struck lode formation at 12ft from surface.	
11 Jun 1891	Daily Telegraph	West Pinafore	Reef in bottom of level 18-inch-wide & good stone.	
12 Jun 1891	Daily Telegraph	West Ext Pinafore	Shaft sunk to 25ft, still on lode formation.	
16 Jun 1891	Daily Telegraph	New Pinafore	No 2 Level East Drive extended 14ft to 24ft from crosscut. North & south reefs have junctioned forming a large body of stone 8ft wide. West Drive extended 18ft to 24ft from crosscut. Reef averages 9ft wide, is well defined with very fair gold.	
		West Pinafore	Western Drive at Whip Shaft extended 19ft to 149ft from crosscut on good payable stone.	
		Chums	Western Drive No 8 Level extended 11ft to 186ft.	
				8.

DATE	NEWSPAPER	MINE	DETAIL	8.
23 Jun 1891	Daily Telegraph	New Pinafore	Crushed 240 ton for 301 oz amalgam. No 2 Level East Drive extended 7ft to 31ft from crosscut. Reef 6ft wide of pug & rubble & a little gold. West Drive extended 16ft to 40ft from crosscut on well-defined reef 5ft wide with fine gold. No 1 stope east of crosscut driven 16ft on reef 5ft wide in payable stone. No 1 Level winze being sunk to No 2 Level cutting 3ft reef with fair gold at 6ft.	
		West Pinafore	West Drive Whip Shaft extended 3ft to 62ft from crosscut. Sinking winze 16ft deep in Prospect Shaft on reef 2ft wide.	
		Chums	West Drive No 8 Level extended 13ft to 199ft on 18-inch lode	
25 Jun 1891	Daily Telegraph	Unity	South Crosscut No 5 Level extended 3ft to 569ft. East Drive New Lode extended 6ft to 85ft from crosscut. South West Chum Shaft cut reef 68ft from shaft.	
30 Jun 1891	Daily Telegraph	New Pinafore	No 2 Level West Drive extended 5ft to 36ft from crosscut. West Drive extended 21ft to 61 ft from crosscut on reef 5ft wide, showing good gold. No 1 Winze sunk 23ft to 32ft on reef 2.5ft wide. Northern Crosscut driven 10ft from level.	
		West Pinafore	West Drive extended 5ft to 157ft from crosscut on broken & poor reef. Driving on northern branch.	
2 Jul 1891	Daily Telegraph	Unity	No 6 Level East Drive extended 6ft to 91ft. Drive is now heading for Pinafore line. West Drive no gold seen. South West Chum Shaft crosscut driven 31Ft to 89ft.	
7 Jul 1891	Daily Telegraph	New Pinafore	No 2 Level East Drive on south (hanging wall) extended 9ft to 45ft from crosscut. Small crosscut driven 10ft on stone 2ft wide in north wall. West Drive extended 24ft to 85ft from crosscut on reef 5ft wide with 3ft payable. No 1 stope advanced 22ft to 64ft on payable reef 3ft wide. No 2 stope advanced 18ft on poor reef 3ft wide. North Crosscut extended 27ft to 37ft. Reef cut at 30ft being well defined & 5ft wide.	
10 Jul 1891	Daily Telegraph	Chums	West Drive in No 8 Level extended to 221ft on lode 2ft wide. In surface prospecting cut lode formation 4ft wide at 20ft depth.	
		West Pinafore	Stoping & driving with fair results.	
		New Pinafore	No 2 Level Western Drive on hanging wall extended 16ft to 101ft from crosscut. No 1 Stope advanced 23ft to 87ft on reef 2ft wide for fair gold. No 2 Stope advanced 28ft to 46ft on payable reef 2ft wide. East Drive on footwall extended 20ft on reef 3ft wide. Crushing for West Pinafore.	
		Chum	Broken piston in winding engine. West Drive No 8 Level extended 8ft to 229ft. At surface driving south.	
				9.

DATE	NEWSPAPER	MINE	DETAILS	9.
17 Jul 1891	Daily Telegraph	New Pinafore	West Drive on hanging wall still looking well with reef laying flat. East Drive on footwall on good payable stone.	
		Unity	No 6 Level North Crosscut in 6.5ft from level. No 5 Level East Drive now 105ft from crosscut on lode 5ft wide. West drive extended 21ft from crosscut on reef 4ft wide. South West Chum Crosscut now 126ft from shaft.	
21 Jul 1891	Daily Telegraph	Chums	West Drive No 2 Level extended 9ft to 238ft on 2ft wide lode.	
		West Pinafore	New Manager found work going on shaft 80ft deep on east boundary. Crosscut driven north 70ft to footwall. Level driven 157ft west & being stopped at west end. Formation is 10ft wide in No 1 stope & 6ft wide in No 2 Stope, both on good gold.	
		New Pinafore	No 2 Level West Drive extended 15ft to 116ft from crosscut. No 1 Stope advanced 13ft to 100ft. No 2 Stope advanced 24ft to 70ft. East Drive on foot wall extended 16ft to 36ft from crosscut on reef 2ft wide.	
23 Jul 1891	Daily Telegraph	Unity	No 6 Level driving south to near under old shaft (?) No 5 Level East drive extended 6ft to 111ft on reef 3ft wide. West Drive in 26ft reef 4ft wide. South West Chum Shaft crosscut driven 20ft to 146ft. Passed track of lode at 136ft.	
28 Jul 1891	Daily Telegraph	Chums	No 8 Level West Drive extended 11ft to 149ft.	
		West Pinafore	Stoping over back of 80ft Level on formation 6ft wide.	
		New Pinafore	No 2 Level West Drive on hanging wall extended 10ft to 126ft from crosscut on reef 9ft wide. No 2 & No 3 stopes driven 21ft (No 2) & 14ft (3) on 2ft reef. East Drive on footwall extended 12ft to 48ft from crosscut. No 1 Stope driven 14ft on 2ft reef.	
		Unity	. Struck north wall of Pinafore Lode 175ft from shaft.	
30 Jul 1891	Daily Telegraph	Unity	No 6 Level struck 3 inch quartz leader 40ft north of shaft in formation 3ft wide. No 5 Level Crosscut driven west 3ft on reef 1.5ft wide. South West Chum Shaft extended 27ft to 173ft & struck north wall at 170ft.	
3 Aug 1891	Daily Telegraph	West Pinafore	140 tons crushed for 175.5 oz retorted.	
4 Aug 1891	Daily Telegraph	New Pinafore	No 2 Level Western Drive on hanging wall extended 12ft to 138ft from crosscut. Reef 8ft wide with good gold. No 1 Stope advanced 14ft on reef 2ft wide & payable. No 2 Stope advanced 9ft on reef r.5ft wide & fair gold. No 3 Stope advanced 14ft & connected to winze from No 1 Level. No 1 Level reef 2ft & payable. East Drive on footwall extended 18ft to 61ft from crosscut on reef 6ft wide.	
				10.

DATE	NEWSPAPER	MINE	DETAIL	10.
4 Aug 1891	Daily Telegraph	West Pinafore	Stoping over 80ft Level on formation 8ft wide & payable. New Engine Shaft approved by Directors.	
		Chums	No 8 Level Western Drive extended 8ft to 237ft.	
11 Aug 1891	Daily Telegraph	New Pinafore	No 2 Level Western Drive extended 12ft to 150ft from crosscut on reef 5ft wide. No 1 Stope advanced 20ft on reef 6ft wide. North Crosscut driven 16ft towards footwall. Eastern Drive on footwall extended 16ft on reef 6ft wide, 3ft of which is payable. No 1 Stope advanced 17ft on 3ft reef. <i>NOTE- There appears to be 2 stopes called No 1???</i> <i>Perhaps numbering is according to Drive they are on???</i>	
		West Pinafore	Started sinking Main Shaft (new Engine Shaft) to 20ft. A lot of water coming in on alluvial bottom. 80ft Level Western Drive extended 10ft on formation 6ft wide. Stopping 6ft wide payable stone.	
13 Aug 1891	Daily Telegraph	Unity	No 6 Level Western Drive extended 6ft to 16ft on full width of reef. Expect to cut old "UNITED" shoot of gold anytime. No 5 Level Western drive extended 5ft to 43ft on reef 1.5ft wide. Eastern Drive in 130ft on reef 4.5ft wide. We have over 1,000ft to drive through to our eastern boundary on Pinafore line. (???) South West Chum Shaft cleaned out drive 276ft from shaft. Second formation 32 ft wide (?) met at 200ft.	
		New Pinafore	Crushed 510 ton for 820 oz retorted. Reserve fund created.	
18 Aug 1891	Daily Telegraph	New Pinafore	No 2 level Western drive extended 12ft to 162ft from crosscut on reef 9ft wide. No 1 Stope advanced 20ft on reef 8ft wide. Northern Crosscut extended 14ft & met footwall stone. Western Drive on footwall extended 12ft to 89ft from crosscut on poor reef 5ft wide. South Crosscut extended 10ft & met hanging wall.	
25 Aug 1891	Daily Telegraph	Chum	Western drive in No 8 Level extended 10ft to 272ft No 7 Main Crosscut extended 5ft.	
		New Pinafore	Main Shaft sunk & timbered 8ft to 158ft. No 2 level Western drive on hanging wall extended 9ft to 171ft from crosscut on reef 9ft wide. No 1 Stope advanced 11ft on reef 7ft wide with fair gold. North Crosscut extended 3ft to 33ft from level & reached foot wall. Eastern drive on foot wall extended 8ft to 97ft from crosscut on poor reef 5ft wide.	
		West Pinafore	Engine Shaft sunk 11ft. Stopping above 80ft Level.	
				11.

DATE	NEWSPAPER	MINE	DETAIL	11.
27 Aug 1891	Daily Telegraph	Unity	No 6 Level Western Drive extended 7ft to 33ft. No 5 Pinafore Lode (???) Eastern Drive improving. South West Chum Shaft No 2 Level driven 20ft on formation 68ft from shaft. No 1 Crosscut extended 15ft to 199ft.	
1 Sep 1891	Daily Telegraph	New Pinafore	Main Shaft sunk & timbered 13ft to 171ft. No 2 Level Western drive on hanging wall extended 13ft to 184ft from crosscut. Stopes above producing well. No 2 Level Eastern Drive extended 13ft to 110ft from crosscut on reef 10ft wide.	
		Chums	Western Drive in No 8 Level extended 7ft to 279ft No 7 Level Main Crosscut extended 3ft to 39ft from main lode. (?)	
		West Pinafore	Engine Shaft sunk & timbered 20ft to 45ft from surface.	
8 Sep 1891	Daily Telegraph	New Pinafore	Main Shaft sunk 9ft to 180ft. No 2 Level Western Drive on hanging wall extended 11ft to 195ft from crosscut. Sinking air shaft to meet eastern stope.	
		West Pinafore	Stoping above 80ft Level in much broken so only 2ft of poor reef taken.	
10 Sep 1891	Daily Telegraph	Unity	No 6 Level Western Drive extended 6ft to 45ft from crosscut. No 5 Level Eastern Drive on Pinafore Lode extended 7ft to 46ft. South West Chum Shaft Crosscut discontinued as on true head or south wall of Pinafore Reef at 22ft from crosscut. Western Drive on course of lode in 21ft on reef 2ft wide. Eastern drive in 20ft on 2.5ft reef.	
15 Sep 1891	Daily Telegraph	New Pinafore	Main Shaft sunk & timbered 6ft to 186ft or 46ft from plat. No 2 Level Western drive on hanging wall extended 14ft to 209ft from crosscut. Reef much disturbed & poor. Stopes above this level producing good stone. The Eastern Drive on footwall extended 7ft to 132ft. Western Air Shaft sunk & timbered 30ft from surface.	
17 Sep 1891	Daily Telegraph	Unity	No 6 Level Western drive extended 7ft to 52ft on reef 9ft wide. No 5 Level Eastern Drive on Pinafore Reef extended 7ft to 151ft from crosscut. South West Chum Shaft. Eastern Drive extended 10ft to 30ft on reef 2ft wide. Eastern Drive extended 12ft to 33ft on reef 1.5ft wide.	
22 Sep 1891	Daily Telegraph	West Pinafore	80ft Level Winze sunk 8ft through payable stone.	
		New Pinafore	Main Shaft sunk 9ft to 195ft and 55ft from No 2. (?) No 2 Level Western Drive on hanging wall extended 6ft to 215ft from crosscut. West Air Shaft sunk 8ft to 38ft.	12.

DATE	NEWSPAPER	MINE	DETAIL	12.
23 Sep 1891	Daily Telegraph	East Pinafore	Main Shaft sunk & timbered 20ft through basaltic clay.	
29 Sep 1891	Daily Telegraph	Unity	No 6 Level Western Drive extended 10ft to 62ft from crosscut. No 5 Level on Pinafore Reef extended 5ft to 161ft from crosscut. South West Chum Shaft Western Drive extended 9ft to 54ft from crosscut on reef 1.5ft wide. Eastern Drive extended 13ft to 56ft from crosscut on highly mineralised reef 2ft wide.	
6 Oct 1891	Daily Telegraph	New Pinafore	Main Shaft sunk 6ft to 206ft & an opening set placed at 200ft. Air Shaft sunk 5 ft to 50ft. No 1 Level Western Drive extended 5ft to 65ft from crosscut on reef 1.5ft wide.	
7 Oct	Daily Telegraph	West pinafore	Winze sunk 10ft & using Chums battery.	
10 Oct 1891	Daily Telegraph	New Pinafore	Pumping & winding gear at Chums being re-located to New Pinafore.	
		Unity	No 6 level Drive extended 14ft to 76 ft from crosscut on reef 2.5ft wide. No 5 level Eastern Drive on pinafore Reef extended 4ft to 165ft from crosscut. South West Chum Shaft Eastern Drive extended 11ft to 67ft. Western drive extended 13ft to 67ft.	
15 Oct 1891	Daily Telegraph	New Pinafore	Main Shaft sided & ready & cutting chamber for No 3 Level. No 2 Level Western Drive on hanging wall extended 10ft to 231ft from crosscut on 2ft wide reef. Eastern Drive on footwall extended 5ft to 137ft from crosscut. Winze on Eastern Crosscut on footwall sunk 15ft on payable 2ft wide reef. No 1 Level Western Drive on hanging wall extended 12ft to 90ft from crosscut on payable 2ft wide reef. Western Air Shaft sunk 7ft to 57ft.	
		West Pinafore	80ft Level winze sunk 8ft to 88ft. Winding engine in position.	
22 Oct 1891	Daily Telegraph	Unity	No 6 Level Western Drive extended 13ft to 112ft on reef 2ft wide. No 5 Level Eastern Drive on Pinafore Reef extended 5.5ft to 175.5ft on reef 4ft wide. South West Chum Shaft Eastern Drive extended 9ft to 86ft on reef 4ft wide. Western Drive extended 8ft to 85ft on reef 2.5ft wide.	
26 Oct 1891	Daily Telegraph	New Pinafore	Crushed 310 ton for 530 oz amalgam.	
				13.

DATE	NEWSPAPER	MINE	DETAIL	13.
27 Oct 1891	Daily Telegraph	New Pinafore	No 3 Level extended 9ft. No 2 Level Western Drive on hanging wall extended 9ft to 240ft from crosscut on poor reef. No 1, 3 & 4 stopes still producing good stone. Winze on footwall sunk 8ft to 23ft from level. No 1 Level Western Drive on hanging wall extended 5ft to 95ft on reef 2ft wide.	
		West Pinafore	Winze sunk 8ft Machinery being installed.	
29 Oct 1891	Daily Telegraph	Unity	No 6 Level Drive extended 8ft to 120ft on reef 2ft wide. No 5 Level Eastern Drive on Pinafore Reef extended 9ft to 185ft on reef 2ft wide' South West Chum Shaft Eastern Drive extended 12ft to 98ft from crosscut. Western Drive extended 9ft to 94ft from crosscut.	
3 Nov 1891	Daily Telegraph	New Pinafore	No 3 Level Crosscut extended 9ft – 18ft from shaft. No 2 Level winze on footwall sunk 7ft to 30ft from level. Stopes west of crosscut giving fair stone on average width of crushing stone 2.5ft.	
		West Pinafore	Winze at No 1 ( <i>80ft Level?</i> ) on footwall sunk 9ft to 55ft.	
5 Nov 1891	Daily Telegraph	West Pinafore	Crushed 120 ton for 18 oz retorted.	
		New Pinafore	Driven 3ft on reef in No 3 Level, showing gold freely	
		Unity	No 6 Level extended 6ft to 126ft from crosscut. No 5 Level Eastern Drive extended 10ft to 195ft from crosscut. Reef 8ft wide of solid quartz. South West Chum Shaft Eastern Drive extended 12ft – 110ft from crosscut. Western Drive extended 8ft – 102ft on reef full width of drive.	
17 Nov 1891	Daily Telegraph	New Pinafore	Crushing ( <i>unknown quantity</i> ) yielded 944 oz 5 dwt averaging 1 oz 15dwt per ton.	
	Daily Telegraph	New Pinafore	Cut through hanging wall stone at No 3 Level and reef is 9ft wide, 5ft of which is payable. Stopes above No 2 Level on hanging wall of crosscut looking good.	
		West Pinafore	Winding machinery installation complete.	
24 Nov 1891	Daily Telegraph	West Pinafore	Sunk Engine Shaft 13ft to 56ft from surface.	
		New Pinafore	No 3 Level East drive now 16ft from crosscut on 3ft wide crushing dirt on hanging wall. The Chum machinery being moved to New Pinafore. <i>The Chum Mine closed operations in September and the property abandoned. New Pinafore must have acquired the machinery and West Pinafore the battery?</i>	
				14.

DATE	NEWSPAPER	MINE	DETAIL	14.
26 Nov 1891	Daily Telegraph	Unity	22ft driven for the week to 245ft from crosscut.	
28 Nov 1891	Daily Telegraph	New Pinafore	605 ton crushed for 3 weeks production.	
1 Dec 1891	Daily Telegraph	New Pinafore	No 3 Level Crosscut extended 6ft to 41ft from shaft to reach footwall. Eastern Drive extended 10ft to 26ft from crosscut on reef 3ft wide of solid stone showing gold freely. No 2 Level stoping continued reef varying from 2ft to 8ft wide.	
		West Pinafore	Eastern shaft sunk 20ft to 76ft from surface. Repairing 80ft Level Whip shaft.	
		East Pinafore	Poppet Legs up & positioning engine.	
3 Dec 1891	Daily Telegraph	Unity	No 5 Level Eastern Drive Pinafore Reef extended 20ft to 265ft from crosscut. Reef has pinched. Started to drive crosscut south. <u>Started prospecting back of Pinafore Reef on eastern boundary as there are reports of alluvial gold near eastern boundary.</u>	
7 Dec 1891	Daily Telegraph	East Pinafore	Started pumping & sinking.	
	Daily Telegraph	New Pinafore	No 3 Level North Crosscut extended 4ft to 45ft from shaft. East Drive on hanging wall extended 12ft to 38ft from crosscut. Western drive extended 15ft to 45ft from crosscut. Width of crushing dirt in each is 3ft of fair gold. No 2 Level stopes have fair amount of payable stone but heavy ground. Pyrites Works being prepared.	
9 Dec 1891	Daily Telegraph	West Pinafore	East Shaft sunk 16ft to 92ft.	
15 Dec 1891	Daily Telegraph	West Pinafore	East Shaft sunk 15ft to 107ft.	
		New Pinafore	No 3 Level Eastern Drive extended 12ft to 50ft from crosscut. Reef mullocky & poor. Western Drive extended 15ft to 60ft from crosscut on crushing dirt 3ft wide. Stoping above this drive continued crushing dirt 3ft wide. No 2 Level stoping west of crosscut on crushing dirt 2ft wide.	
22 Dec 1891	Daily Telegraph	West Pinafore	Shaft sunk 15ft to 122ft.	
		New Pinafore	No 3 Level Eastern Drive extended 4ft to 54ft. Western Drive extended 18ft to 78ft from crosscut. Stoping extended west of crosscut on 3ft reef. No 2 Level a small amount of stoping Restarting winze on footwall for ventilation.	
				15.

<b>DATE</b>	<b>NEWSPAPER</b>	<b>MINE</b>	<b>DETAIL</b>	<b>15.</b>
24 Dec 1891	Daily Telegraph	New Pinafore	1626 oz of retorted gold gives an average of 2 oz 6 dwt per ton.	
		East Pinafore	Shaft sunk 13ft to 103ft deep, last 5ft in basalt.	
		Unity	Western Drive extended 7ft to 147ft on reef formation 3.5ft wide. No 5 Level Eastern Drive on Pinafore Reef being repaired. Driving crosscut south Surface shaft on Eastern Boundary Pinafore Reef crosscut extended 29ft to 16ft.	
30 Dec 1891	Daily Telegraph	West Pinafore	Engine Shaft sunk 6ft to 128ft from surface.	
		New Pinafore	No 3 Level Western Drive on Hanging wall extended 6ft to 84ft from crosscut. Stope still good on crushing dirt 3ft wide. No 1 Level winze on footwall sunk 4ft to 42ft from level. Western Drive under repair and Battery being overhauled.	
31 Dec 1891	Daily Telegraph	Unity	No 6 Level Western Drive extended 8ft to 155ft. No 5 Level Pinafore Reef crosscutting 8ft. Eastern Boundary Pinafore Reef crosscut extended 7ft to 23ft from shaft.	