TASMANIA DEPARTMENT OF RESOURCES AND ENERGY
DIVISION OF MINES AND MINERAL RESOURCES

1991

MINERAL RESOURCES
OF TASMANIA 11

Alluvial gold

by R. S. Bottrill B.Sc. (Hons), M.Sc.

DIVISION OF MINES AND MINERAL RESOURCES
GPO BOX 56, ROSNY PARK, TASMANIA 7018

ISBN 0 7246 2083 4
ISSN 0313–1998

BOTTRILL, R. S. 1991. Alluvial gold. *Miner. Resour. Tasm.* 11.
ISBN 0 7246 2083 4 ISSN 0313–2043

TECHNICAL EDITOR: E. L. Martin

TEXT INPUT: C. M. Humphries

Mineral Resources of Tasmania is a continuation of *Geological Survey Mineral Resources*

CONTENTS

LIST OF FIGURES

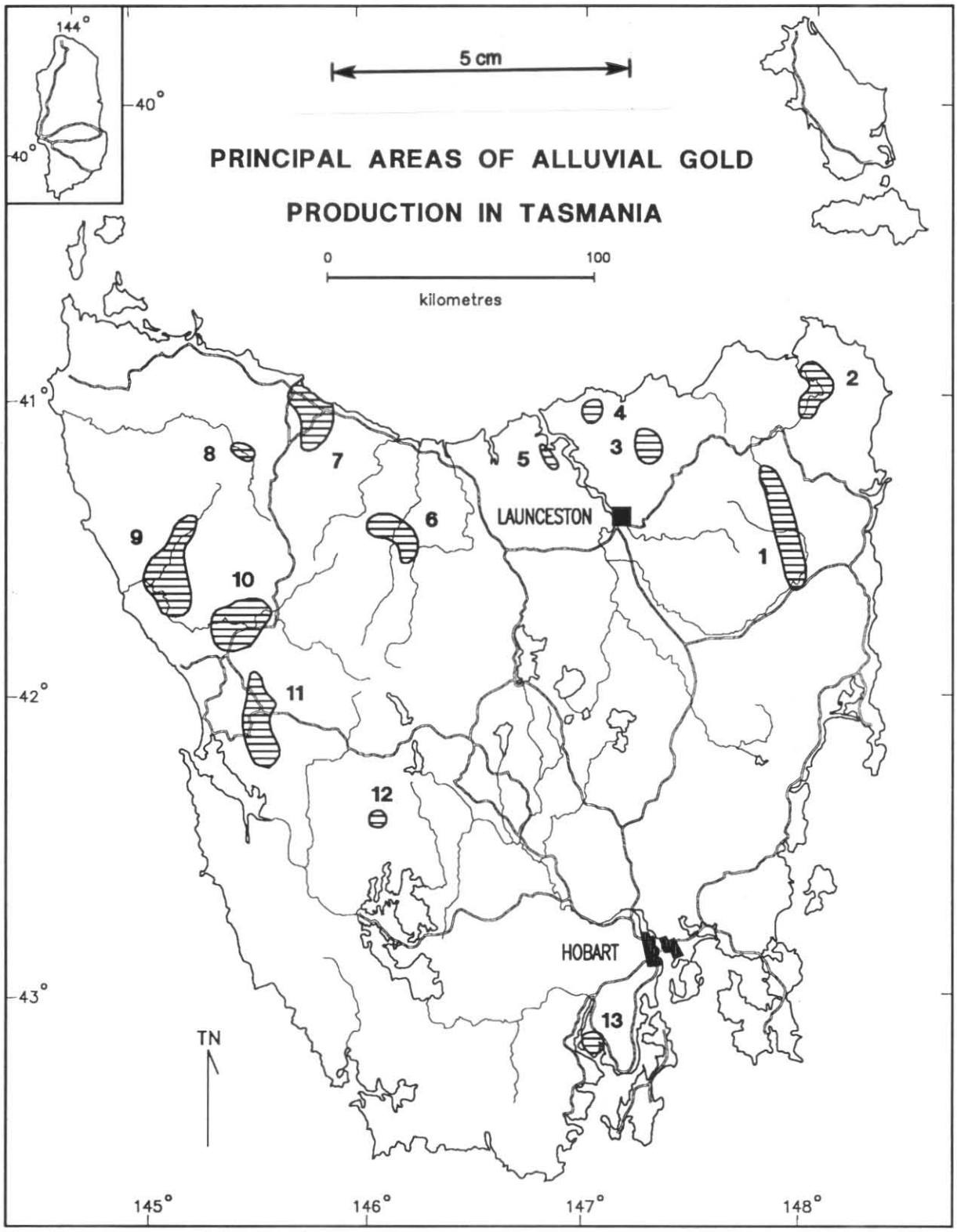

Figure 1. Areas of major alluvial gold production in Tasmania described in the text –
1: Mangana–Mathinna–Alberton, 2: Gladstone–Derby, 3: Lisle, 4: Back Creek–Lefroy, 5: Beaconsfield, 6: Moina, 7: Wynyard, 8: Arthur River, 9: Corinna–Savage River, 10: Ring River–Wilson River, 11: Lyell–Darwin, 12: Jane River, 13: Cygnet.

Introduction

Alluvial gold is widespread in western and northern Tasmania (fig. 1) and is derived predominantly from the pre-Carboniferous rocks of the Dundas Trough and the Lachlan Fold Belt. The north-eastern area is most important, the gold originating from Late Devonian quartz veins in the turbidite-bearing Mathinna Beds, of Ordovician to Devonian age, in the Lachlan Fold Belt.

The total recorded production is 4.7 t but, as early records are poor, the actual production could be greater than 12 t (table 1). Twelvetrees (1909), for example, estimated 8–9 t from the Lisle goldfield, mostly alluvial. A large proportion of the gold was taken directly to the mint in Victoria by the miners. Where not otherwise acknowledged, the data below were collated from various departmental records. Most production occurred between 1870–1910, but has been sporadic from 1855 to the present.

1. Mangana–Mathinna–Alberton

The first payable gold discovery in Tasmania was in alluvials of the Tower Rivulet, near Mangana, in 1852. The area running north for some 80 km subsequently proved to be one of the richest goldfields in Tasmania, production predominantly being from quartz veins in the Mathinna Beds. Alluvial gold, from Tertiary to Recent in age (Thureau, 1885) was directly associated with the lodes. Deposits were worked at Mathinna (Black Horse Gully, Long Gully and Kennedys Flats), Mangana (Majors, Sailors and Sharkeys Gullies), Fingal (South Esk River, Tower Rivulet) and Mt Victoria (New River, Dorset River) (Krause, 1883; Thureau, 1885; Twelvetrees, 1907, 1914; Hughes, 1952; Threader, 1965). 288 kg was recorded from the Mathinna–Mangana area and 89 kg from the Mt Victoria area, although Twelvetrees (1907) estimated between 150 and 250 kg for Majors Gully alone. Most production was from Quaternary deposits; the Tertiary deep leads were relatively unexplored until recently (Hughes, 1952; Threader, 1987).

2. Gladstone–Derby

A considerable quantity of gold (263 kg recorded, 1906–1981) was recovered from alluvials along the Ringarooma River, mostly as a by-product of tin mining and dredging. Much of this may have been Tertiary in age (Baillie, 1986), but included Pleistocene and Recent sediments (Jennings *et al.*, 1967). The Boobyalla River was also worked for gold and tin at the Golden Cora mine. The gold probably originated from known lodes in the Mathinna Beds in the Forester, Alberton, and Gladstone areas.

3. Lisle

This area officially produced 2.7 t by 1925, although Twelvetrees (1909) estimated 8–9 t from 1878–1909. Workings included alluvium and eluvium in slopes and terraces along Main (Lisle), Bessells and Thomas Creeks, in a basin-shaped depression possibly representing an old lake bed (Reid, 1926).

Marshall (1969) thought the sands and gravels in the Lisle valley to be of Tertiary age. There were numerous patchy gold-rich horizons in the possible lacustrine sediments, and in carbonaceous horizons underlying talus, which produced relatively pure, free, angular (crystalline?) gold (Noldart, in Marshall, 1969). This type of gold suggested a secondary origin (i.e. *in situ* reprecipitation of dissolved gold (Reid, 1926; Bottrill, 1986)). Some gold is highly porous and/or colloform (fig. 2), while some has silver-rich cores and silver-depleted rims (fig. 3; Bottrill, unpublished data), indicating that some gold is detrital and some reprecipitated. Auriferous quartz was relatively rare, and Twelvetrees (1909) found evidence for gold originating in the contact metamorphosed sandstones of the Mathinna Beds, surrounding the basin, near the contact with a Devonian granitic intrusive. Inclusions of mica, rutile and magnetite in the gold grains suggest that the gold may have been disseminated in the hornfels or granitoids rather than in quartz veins (Bottrill, 1986). Rare gold in limonite suggests gold-bearing pyrite may have been originally present. Some gold was, however, found in

Table 1
SUMMARY OF ALLUVIAL GOLD PRODUCTION IN TASMANIA

Area	Estimated production (t)	Recorded production (t)	Age of major deposits	Probable source
Mangana–Alberton	0.5	0.38	Quaternary	LD veins in Mathinna Beds*
Gladstone	0.4	0.26	Tertiary?	LD veins in Mathinna Beds
Lisle	8.5	2.81	Tertiary?	?
Back Creek–Lefroy	0.5	–	Tertiary	LD veins in Mathinna Beds
Beaconsfield	1.2	1.14	Tertiary	LD veins in Ordovician sediments
Moina	0.2	0.11	Tertiary	LD veins in Ordovician sediments)
Wynyard	0.3	0.01	Quaternary	?
Arthur River	?	–	Quaternary?	Veins in Precambrian?
Corinna–Savage River	0.9	0.03	Tertiary	Veins and stratabound mineralisation in Precambrian?
Wilson River–Ring River	?	–	Quaternary	Cambrian volcanogenic deposits and serpentinites
Lyell–Darwin	0.5	0.05	Quaternary	Cambrian volcanogenic deposits and LD veins in Cambro–Ordovician
Jane River	0.2	0.04	Quaternary?	Veins in Precambrian?
Cygnet	0.1	–	Quaternary	Mineralised Cretaceous intrusives
Totals	13.3	4.83		

*LD = Late Devonian

quartz veins in the granitic intrusive, underlying the alluvials (Thureau, 1882*c*; Montgomery, 1894*b*).

Similar deposits worked nearby include the Lone Star, Tobacco, Cradle, Panama, Golconda and Den Creeks, and the Denison River (Noldart, in Marshall, 1969). Twelvetrees (1909) estimated 0.6 t of gold from Cradle Creek, but little is known of the other areas.

A small production of gold continues (11 kg was recorded for 1974–1989).

4. Back Creek–Lefroy

Four Tertiary leads, all partly basalt covered, were worked in the Back Creek area: the Albion (Red), Back Creek (Old or Blackman), Cardigan (Prince of Wales) and the White (Deep) leads. A production of about 300 kg of gold in 1870–1872 was estimated by Broadhurst (1935).

Similar Tertiary Leads were worked at Lefroy between 1853 and 1900 for an estimated 155 kg of gold (Noldart and Threader, in Gee and Legge, 1979). These included the Pinafore, Golden Point and Native Youth leads, all worked up to where they pass beneath basalts. Quaternary (Recent) alluvial gold is also present (Noldart and Threader, in Gee and Legge, 1979). A small amount of gold is still produced in the area (2 kg for 1987–1989).

Lode gold in the Mathinna Beds was worked in close proximity to both alluvial areas and was the probable source (Noldart, in Marshall, 1969; Noldart and Threader, in Gee and Legge, 1979).

5. Beaconsfield

There was a recorded production of 1.14 t of alluvial gold at this mining centre up to 1907 (mostly pre-1890). The major producer was a deep Tertiary lead to the east of Cabbage Tree Hill, with minor production from a deep lead near Salisbury Hill to the south. The gold was enriched in probable eluvial detritus on the western wall of the lead, and in carbonaceous false bottoms; the true bottom was probably never reached (Noldart and Threader, in Gee and Legge, 1979). The gold was derived from lodes (mineralised, quartz-veined fracture systems) in the Ordovician Cabbage Tree Conglomerate, such as that worked by the Tasmania mine, Tasmania's largest gold mine (with a production of 26.6 t of gold).

6. Moina

The Bell Mount goldfield was the largest alluvial goldfield in this area, with recorded production of 113 kg for 1892–1894 (Twelvetrees, 1913), and estimated as 124 kg to 1919 (Reid, 1919). This was produced from Tertiary gravels, as was that at Cooper-Smiths at the confluence of the Forth and Wilmot Rivers nearby. Other deposits worked include O'Rourkes Hydraulic workings (Five Mile Rise goldfield), the Minnow River, Dasher River, Lea River, Falls Creek and Stormont Creek (Thureau, 1882*a*; Broadhurst, 1934; Jennings, 1963; Collins, in Jennings, 1979).

The ultimate source for most of the gold was mineralised quartz veins, in the Ordovician Moina Sandstone and Gordon Limestone, associated with Devonian granitoids (Collins, in Jennings, 1979). The gold in the Minnow River area was probably derived from vein and disseminated mineralisation in Cambrian porphyries (Thureau, 1882*a*).

7. Wynyard

There were numerous workings in this area in the 1890s, including Big Creek, Blackfish Creek (Moores Plains), Calder Creek, Camp Creek, Cam River, Deacons Creek, Inglis River, St Marys River and Seabrook Creek (Montgomery, 1896). The only production recorded from the area is 12 kg from the Doctors Rocks–Seabrook Creek area in 1940–1944, but it was estimated as 310 kg to 1927 for area (Reid, 1927). Most of this was recovered from Quaternary gravels reworked from Tertiary sub-basalt gravels (Montgomery, 1896), but some may have originated in Permian fluvio-glacial sediments (Morrison *et al.*, 1988) or quartz veins present locally in pre-Carboniferous basement rocks (Montgomery, 1896).

8. Arthur River

The river terraces along the Arthur River are gold-bearing, particularly between its confluence with the Hellyer and Lyons Rivers. The principal workings were near the confluences with the Lyons, Keith and Hellyer Rivers, and with Campbells and Grays Creeks (Montgomery, 1896). Some higher level, possibly Tertiary deposits at Folly Hill were worked from 1910-1943 (Jack, 1964). No records of production are known for the area. The source of the gold is unknown, but Cu-Au-bearing quartz veins are known in the Precambrian schists, quartzites and dolomites nearby (McNeil, 1961; Jack, 1964). The Tertiary sub-basaltic gravels and the Permian fluvioglacials deposits are also possible sources, as for the Wynyard area.

9. Corinna–Savage River

Alluvial gold has been recovered from a wide area about Corinna since 1877, to at least 1941. The principal workings include the Brookside, Frenchmans Creek, Hall Creek, Davis Creek, Long Plains (Golden Ridge), Lucy Creek, Main Creek, Middleton Creek, Mount Donaldson, Nancy Creek, Paradise River, Rocky River, Savage River and Whyte River (Thureau, 1881*a*, 1884; Smith, 1897; Twelvetrees, 1900, 1903; Montgomery, 1894*c*; Blake, 1939). Smith (1897) estimated a production of about 600–900 kg from the Main Creek and tributaries, and Twelvetrees (1900) estimated about 190kg from Long Plains. Official records are very incomplete, but include 7.9kg from Middleton Creek (1935–1941), 5.8 kg from Whyte River (1901–1938) and the two largest nuggets in the state, from Rocky River (7.6 and 4.4 kg) (Montgomery, 1894*a*). Tin and platinum-group metals ('osmiridium') were minor by-products (Twelvetrees, 1900; Scott, 1926).

Montgomery (1894*c*) noted that much of the gold was flattened, rounded and concentrated in sandy carbonaceous 'bottoms', presumably palaeosols. Twelvetrees (1900) noted that the Long Plains gold was typically skeletal in form, suggesting recrystallisation *in situ*. The purity of the gold supports this (Thureau, 1881*a*).

The alluvials were principally deep leads in high level Tertiary deposits (Browns Plains Gravels), partly reworked into more recent alluvials (Blake, 1939). The source of much of the gold was the mineralised Precambrian Bowry Formation, the host for the Savage River magnetite deposits (Shannon *et al.*, 1985). The auriferous reefs in the Golden Ridge (Cox's Face) and Specimen Reef fields also contributed some gold (Finucane and Blake, 1933*a*), and Smith (1897) noted the presence of copper and gold in quartz veins in a porphyry at Lucy Spur.

10. Ring River–Wilson River

Widespread workings for gold were present in the Pleistocene fluvioglacial deposits along the Pieman River last century, and a deep lead in the Ring River nearby was also worked extensively (Montgomery, 1893; Finucane, 1931; Blissett, 1962). Minor alluvial gold occurrences in the area include Melba Flat, Crimson Creek, Farrell Rivulet, Little Henty River, Marionoak River Valley (especially Strong Creek), Westerway Creek and Mayday Creek (Blake, 1931; Blisset, 1962). Most of these deposits also produced osmiridium and tin. In the following

alluvial areas, gold was a by-product of osmiridium mining: Murchison River, Wilson River, Chromite Creek, Barnes Creek and Betts Creek. No production records are known, although the Ring River field supported 300–400 men in 1891 (Blisset, 1962). Gold production continues on a small scale from alluvials in this area, and 1.2 kg was produced in 1987–1989.

Some of the gold in this area was derived from the ultrabasic rocks, particularly where it was subordinate to osmiridium, but most was derived from the gold-enriched base metal deposits in the vicinity. These include the Mt Read, Hercules, Rosebery and Pinnacles deposits (Montgomery, 1893; Reid, 1918; Blisset, 1962; Collins, in Collins *et al.*, 1981). Reid (1918) noted the gold in Strong Creek to be very fine grained, reflecting the nature of the source gold in the nearby Pinnacles deposits.

11. Lyell–Darwin

The Mt Darwin district contains several areas of workings for alluvial gold, including the Clark Valley, Slate Spur, Allen Creek, Flannigans Flat, Intercontinental Spur, Sailor Jacks and North Darwin Plateau (Hills, 1914; Fitzgerald and Pease, 1985; Bamford and Green, 1986*a*). Further to the North, alluvial gold was recovered from the King River, Lynch Creek, Halls Rivulet, Gorings Creek, Diorite Creek, and Mt Lyell (Whites Creek, Cooneys Creek and Idaho Creek) (Glover, 1885; Fitzgerald and Pease, 1985; Bottrill, 1989*a*). To the north of Queenstown there were also small deposits at the Raggedy Ann prospect, the Queen River catchment and the Lake Margaret area (Fitzgerald and Pease, 1985, Bamford and Green, 1986*b*).

There was 837 kg of alluvial gold production recorded from the West Coast between 1866 and 1890, probably predominantly from the Queenstown area but including the Pieman and other areas. Between 1903 and 1913 there another 47 kg recovered in the Queenstown area. Some small production still occurs.

The alluvium worked was probably all Quaternary, including Pleistocene fluvioglacial deposits (e.g. Sailor Jacks), and gold sources include fault-related veins (?Devonian) in Owen Conglomerate (e.g. Woody Hill) and disseminated Cambrian sulphide mineralisation (e.g. Mt Lyell) (Fitzgerald and Pease, 1985). Henderson (1938) thought some gold to be reworked from high-level Tertiary gravels in the Darwin plateau. Bedrock sources for many deposits are still uncertain (Fitzgerald and Pease, 1985).

A large but low grade gold resource is present in the King River Delta, derived from the Mount Lyell mine tailings (Berkman, 1987).

12. Jane River (Warnes Lookout)

Gold was discovered in this area about 1894, and has been worked intermittently since, particularly between 1935 and 1938, when up to 33 men were working the field (Solomon, 1968; Bacon, 1989). Production records are very incomplete, but Bacon (1989) reported about 36 kg from 1935 to 1938 and departmental records note about 1.5 kg in 1967. Bacon (1989) estimated between 60 and 250 kg for the total production.

Most of the gold was produced from Reward Creek (Burrows alluvial workings), but other deposits include workings in the Algonkian Rivulet, Prince Rivulet, Lancelot Rivulet, Cinnabar Creek, Lightning Plains and Ridge Creek (Blake, 1936*a*; Solomon, 1968; Bacon, 1989). Gold is enriched where Cainozoic gravels have been reworked (Jennings, 1974), particulalrly where coarse gravels overlie bedrock (Bacon, 1989).

The gold is rather angular to crystalline and porous (as at Lisle), rarely attached to quartz, and is associated with rutile, zircon, chromite, pyrite and, more rarely with cinnabar, xenotime, monazite and gersdorffite (e.g. Finucane and Blake, 1933*b*; Bottrill, 1989*b*). The source is unknown, but suggestions include local quartz veins (Finucane and Blake (1933*b*), limonitic beds (Blake, 1937) and Precambrian to Palaeozoic bedrock (N. J. Turner (pers. comm). Jennings (1974) and Bottrill (1989*b*) consider that most of it was formed *in situ*, but the deposit is still quite enigmatic.

Mining and exploration have been discontinued since the leases have been incorporated into the surrounding World Heritage Area.

13. Cygnet

In the Cygnet area alluvial gold was found in the following areas: Agnes Rivulet, Forsters Rivulet, Little Oyster Cove Creek, Nicholls Rivulet and Riseleys Creek (Leaman and Naqvi, 1967). The field was discovered in about 1877, and produced about 100 kg of gold by 1902, mostly from Quaternary alluvials in Lymington Flats (Forsters Rivulet) (Twelvetrees, 1908*b*). The gold was derived from mineralised breccias, veins and contact zones of Cretaceous alkaline intrusives in the Permian tillites, such as at the Mt Mary gold mine (Twelvetrees, 1908*b*; Leaman and Naqvi, 1967). Some small production still occurs.

Others

The following areas contain alluvial gold but with little or no known production: Georges River, New Henbury (South Esk River), Tyne River, Flinders Island, Cape Barren Island, Little Den Rivulet, Ulverstone (Buttons Creek, Gawler River), King Island, Lileah (Gentle Annie Creek, Peppermint Hill), Montagu Swamp, Robbins Strait, Waratah (Waratah River Valley, Matthews Creek), Mt Ramsay (Yellowband Creek), Elliott Bay (Mainwaring River, Lewis River), Franklin River, Surprise River, Adamsfield, Styx River, Bathurst Harbour (Mt McKenzie), Esperance River, and Lune River. Further details are given in Appendix A.

Discussion

There are four main groupings of deposits:

1. Tertiary to Recent deposits associated with late Devonian veins in lower Paleozoic rocks (e.g. north-eastern Tasmania, Beaconsfield and Moina).
2. Tertiary to Recent deposits associated with mineralised lodes and beds in Precambrian rocks (e.g. north-western Tasmania).
3. Pleistocene to Recent deposits associated with Cambrian mineralisation (e.g. Mt Lyell and Ring River areas).
4. Quaternary deposits associated with mineralised Cretaceous intrusives (Cygnet).

Tertiary leads have probably been the most important producers (although few appear to have been accurately dated) and many Quaternary deposits represent reworking of these. The sources for several deposits are uncertain (e.g. Wynyard, Arthur River and Jane River) and some may contain reprecipitated gold in carbonaceous horizons (e.g. Lisle, Corinna and Jane River). Detailed scientific studies of the alluvial deposits are notably lacking.

Acknowledgements

The author wishes to express his thanks to D. McP. Duncan for encouragement and assistance in compiling this paper.

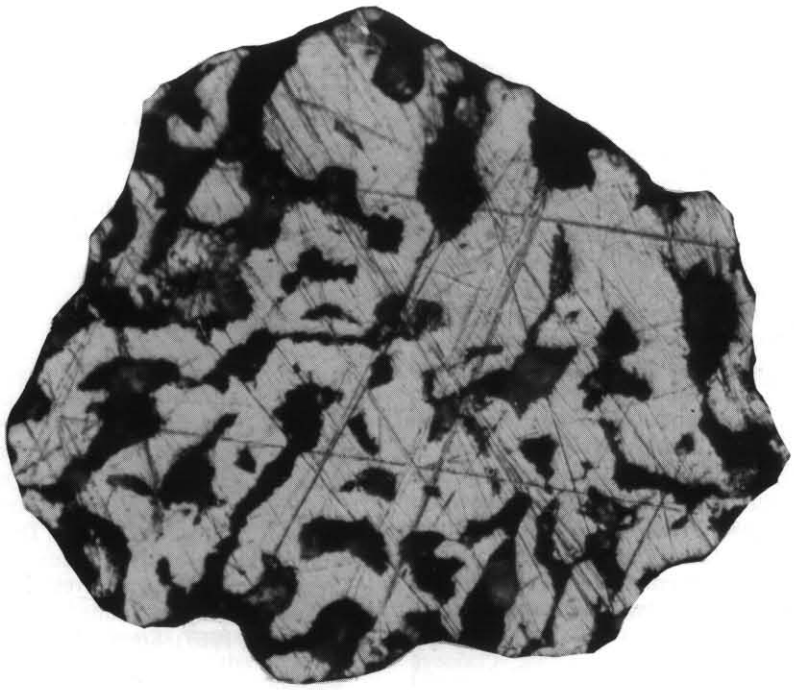

Figure 2. Polished section of a gold grain (≈200 μm diameter) from the Lisle goldfield, showing a porous / skeletal structure.

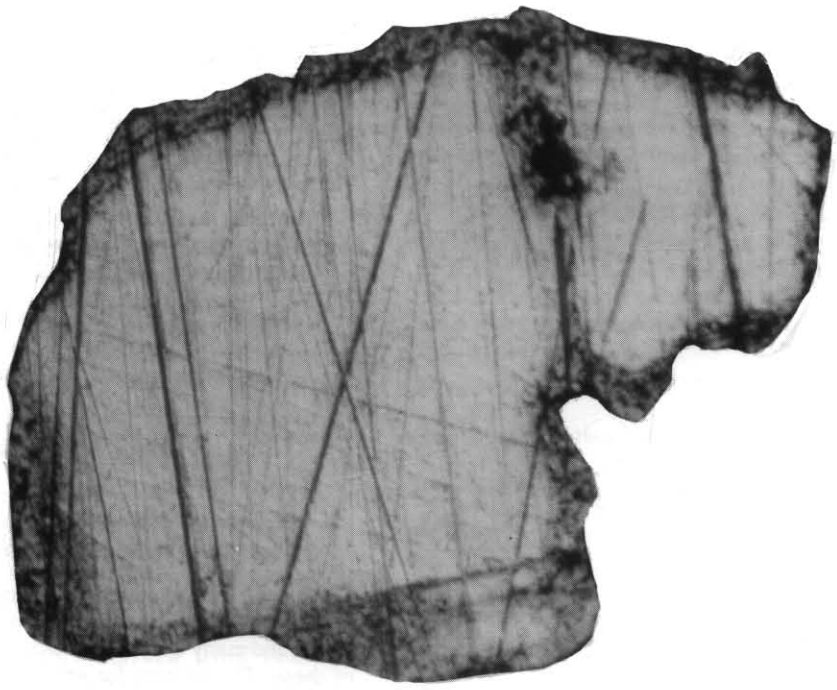

Figure 3. Polished section of a gold grain (≈100 μm diameter) from the Lisle goldfield, showing a rim of silver-depleted gold on silver-enriched gold.

5 cm

References

ANNETT, R. W.; SHANNON, C. H. C. 1987. *Annual report on investigations within Exploration Licence 4/61, West Coast, Tasmania (September 1986 – June 1987).* Savage Resources Ltd. [TCR 87-2683]

ANNETT, R. W.; SHANNON, C. H. C.; VANZINO, L. 1986. *Report on investigations within Exploration Licence 4/61 West Coast, Tasmania.* Savage Resources Ltd. [TCR 86-2591]

BACON, C. A. 1989. A brief history of the Jane Rivber goldfield. *Rep. Dep. Mines Tasm.* 1989/32.

BAILLIE, P. W. 1986. Geological atlas 1:50 000 series, sheet 25(8516S), Eddystone. *Explan. Rep. geol. Surv. Tasm.*

BAMFORD, A. L.; GREEN, G. R. 1986*a*. Metallic mineral deposit map series, sheet 8013-III, Andrew. *Department of Mines, Tasmania.*

BAMFORD, A. L.; GREEN, G. R. 1986*b*. Metallic mineral deposit map series, sheet 8013-IV, Queenstown. *Department of Mines, Tasmania.*

BAMFORD, A. L.; GREEN, G. R. 1988. Metallic mineral deposit map series, sheets 8115-III, 8115-IV, Ulverstone. *Department of Mines, Tasmania.*

BERKMAN, D. A. 1987. *Final report on King River project: EL 2/74.* Constellation Mining Corporation. [TCR 87-2731]

BLAKE, F. 1931. Geological reconnaissance of the South Dundas district. *Unpubl. Rep. Dep. Mines Tasm.* 1931:59–66.

BLAKE, F. 1936*a*. Report on district between Jane River and Prince of Wales Range. *Unpubl. Rep. Dep. Mines Tasm.* 1936:27–33.

BLAKE, F. 1936*b*. Report on Jordon's gold prospect, Winnaleah. *Unpubl. Rep. Dep. Mines Tasm.* 1936:50–51.

BLAKE, F. 1937. Report on the geological reconnaissance of the Surveyor and Deception Ranges district. *Unpubl. Rep. Dep. Mines Tasm.* 1937:28–33.

BLAKE, F. 1939. Report on Corinna alluvial goldfield. *Unpubl. Rep. Dep. Mines Tasm.* 1939:26–46.

BLAKE, F. 1947. The Furneaux Group of island. *Unpubl. Rep. Dep. Mines Tasm.* 1947:52–82.

BLISSET, A. H. 1962. Geological atlas one mile series, sheet K/55-5-50. Zeehan. *Explan. Rep. Dep. Mines Tasm.*

BOTTRILL, R. S. 1986. Mineralogy of gold-bearing concentrates from Synfields lease (Tasmania Alluvials), Lisle goldfield. *Unpubl. Rep. Dep. Mines Tasm.* 1986/66.

BOTTRILL, R. S. 1989*a*. The gold content of gravels at the King River dam site. *Rep. Dep. Mines Tasm.* 1989/02.

BOTTRILL, R. S. 1989*b*. Mineralogy of heavy concentrates, Jane River Goldfield. *Rep. Dep. Mines Tasm.* 1989/28.

BROADHURST, E. 1934. Report on the Stormont, Bell Mount and Black Bluff district. *Unpubl. Rep. Dep. Mines Tasm.* 1934:32–45.

BROADHURST, E. 1935. Lefroy and Back Creek goldfields. *Bull. geol. Surv. Tasm.* 42.

BURNS, K. L. 1964. One mile geological series. K/55-6-29. Devonport. *Explan. Rep. geol. Surv. Tasm.*

CLEMENTSON, I. M. 1986. Rapid River EL 1/79, North West Tasmania. Progress report on exploration, February 1985 – February 1986. *Rep. CRA Exploration* 13754. [TCR 86-2533].

COLLINS, P. L. F.; GULLINE , A. B.; WILLIAMS, E. 1981. Geological atlas 1 mile series. Zone 7, sheet 44 (8014N), Mackintosh. *Explan. Rep. geol. Surv. Tasm.*

CONDER, H. 1918. The tin field of North Dundas. *Bull. geol. Surv. Tasm.* 26.

CROMER, W. C. 1987. *E.L. 32/85, Lisle-Golconda annual report, year 1 (to 10/12/86).* Argyle Minerals N. L. [TCR 87-2629]

FARMER, N. 1985. Geological atlas 1:50 000 series. Sheet 88 (8311N), Kingborough. *Explan. Rep. geol. Surv. Tasm.*

FINUCANE, K. J. 1931. Williamsford Deep Lead. *Unpubl. Rep. Dep. Mines Tasm.* 1931:72-73.

FINUCANE, K. J. 1935. Mathinna and Tower Hill goldfields. *Bull. geol. Surv. Tasm.* 43.

FINUCANE, K. J.; BLAKE, F. 1933*a*. Report on the country in the vicinity of the Rio Tinto and Specimen Reef mines, with special reference to alluvial gold. *Unpubl. Rep. Dep. Mines Tasm.* 1933:3–7.

FINUCANE, K. J.; BLAKE, F. 1933*b*. Report on the country between the West Coast Road and the Jane River. *Unpubl. Rep. Dep. Mines Tasm.* 1933:138–148.

FITZGERALD, F. G.; CARTWRIGHT, A. J. 1986. *E. L. 9/66 – Tyndall area. Annual report 1985/86 for parts II, III and IV.* Gold Fields Exploration Pty Ltd. [TCR 86-2566]

FITZGERALD, F. G.; PEASE, C. F. D. 1985. *E. L. 9/66 – Tyndall area. Annual report 1984/85.* Gold Fields Exploration Pty Ltd. [TCR 85-2459]

GEE, R. D. 1971. Geological atlas 1 mile series. Sheet 22 (8016S). Table Cape. *Explan. Rep. geol. Surv. Tasm.*

GEE, R. D.; LEGGE, P. J. 1979. Geological atlas 1 mile series. Zone 7 sheet 30(8215N), Beaconsfield. *Explan. Rep. geol. Surv. Tasm.*

GLOVER, W. H. 1885. King River and Mount Lyell goldfields. *Parl. Pap. Tasm.* 1885(129).

GULLINE, A. B. 1981. Geological atlas 1 mile series. Zone 7 sheet 38 (8215S) Frankford. *Explan. Rep. geol. Surv. Tasm.*

GUNN, R. C. 1860. Exploration of the northern country. *House of Asembly Pap. Tasm.* 1860(11).

HENDERSON, Q. J. 1938. Report of prospecting operations, vicinity of Flannigan's Creek. *Unpubl. Rep. Dep. Mines Tasm.* 1938:26–29.

HENDERSON, Q. J. 1939*a*. Report on Corinna alluvial goldfield. *Unpubl. Rep. Dep. Mines Tasm.* 1939:26–29.

HENDERSON, Q. J. 1939*b*. Report on the geological survey of the country between Scamander and Mathinna *Unpubl. Rep. Dep. Mines Tasm.* 1939:53–60.

HILLS, C. L. 1913. The Preolenna coal field and the geology of the Wynyard district. *Bull. geol. Surv. Tasm.* 13.

HILLS, C. L. 1914. The Jukes-Darwin mining field. *Bull. geol. Surv. Tasm.* 16.

HUGHES, T. D. 1952. The Alberton goldfield. *Unpubl. Rep. Dep. Mines Tasm.* 1952:50–54.

HUGHES, T. D. 1957. Notes on alluvial chromite deposits near Montagu Swamp. *Tech. Rep. Dep. Mines Tasm.* 1:16–19.

HUGHES, T. D. 1959. Alleged uranium occcurrence at Riana. *Tech. Rep. Dep. Mines Tasm.* 3:33–34.

JACK, R. 1964. Blue Peak gold mines, prospecting area and lease, Arthur River. *Tech. Rep. Dep. Mines Tasm.* 8:23.

JACK, R.; GROVES, D. I. 1965. Geology of the Mt Meredith–Yellowband Creek area. *Tech. Rep. Dep. Mines Tasm.* 9:26-36.

JENNINGS, D. J. 1974. Visit to Warnes Lookout, Jane River area. *Tech. Rep. Dep. Mines Tasm.* 17:13-16.

JENNINGS, I. B. 1963. Geological atlas one mile series. Sheet K/55-6-45. Middlesex. *Explan. Rep. Dep. Mines Tasm.*

JENNINGS, I. B. 1979. Geological atlas 1 mile series. Zone 7 sheet 37 (8115S). Sheffield. *Explan. Rep. geol. Surv. Tasm.*

JENNINGS, I. B.; NOLDART, A. J.; WILLIAMS, E. 1967. Geology and mineral resources of Tasmania. *Bull. geol. Surv. Tasm.* 50.

JONES, P. A. 1985. Progress report October 1984 to September 1985. EL 36/82. Cygnet, Tasmania. *Rep. Cyprus Minerals Aust. Co.* 459. [TCR 85-2481]

JONES, P. A. 1986. Final report. Mount Owen. EL 52/83. West Coast, Tasmania. *Rep. Cyprus Minerals Aust. Co.* 491. [TCR 85-2580]

JONES, P. A. 1987. Progress report December 1985 to December 1986. EL 36/82. Kettering. Exploration Licence 23/83, Tasmania. *Rep. Cyprus Minerals Aust. Co.* 512. [TCR 87-2638]

KRAUSE, F. M. 1883. The auriferous drifts of the South Esk Valley, in the neighbourhood of Fingal, Tasmania. *House of Assembly Pap. Tasm.* 1883(91).

LAPWORTH & MCKENZIE PTY LTD. 1984. *Prospecting, examination and evaluation of alluvial gold in the southeast portion of Exploration Licence 37/82. Savage River, western Tasmania for Monier Limited.* Lapworth & McKenzie Pty Ltd. [TCR 85-2366].

LEAMAN, D. E.; NAQVI, I. H. 1967. Geology and geophysics of the Cygnet district. *Bull. geol. Surv. Tasm.* 49.

MARSHALL, B. 1969. Geological atlas 1 mile series. Zone 7 sheet 31(8315N). Pipers River. *Explan. Rep. geol. Surv. Tasm.*

MATHISON, I. J. 1986. *Exploration Licence no. 22/85, Savage River. Report on exploration activity 20th November, 1985 to 20th November, 1986.* Electrolytic Zinc Company of Australasia Ltd. [TCR 86-2614]

MATHISON, I. J.; FERGUSON, N. 1987. *EL 22/85, Savage River. Annual report on exploration activity August, 1986 to August, 1987.* Electrolytic Zinc Company of Australasia Ltd. [TCR 87-2734]

MCNEIL, R. D. 1961. Geological reconnaissance of part of the Arthur River area. *Tech. Rep. Dep. Mines Tasm.* 5:46–60.

MONTGOMERY, A. 1893*a*. Interim report on the discoveries of coal at Barn Bluff and on the progress of the mineral fields of the county of Montagu, Mount Zeehan, Mount Reid, Mount Heemskirk, Mount Lyell, etc. *Department of Mines, Tasmania.*

MONTGOMERY, A. 1894*a*. The mineral resources of Tasmania. *Department of Mines, Tasmania.*

MONTGOMERY, A. 1894*b*. Report on certain portions of the Lisle goldfield. *Unpubl. Rep. Dep. Mines Tasm.* 1861–1920:44–51.

MONTGOMERY, A. 1894*c*. Report on the Corinna goldfield. *Rep. Secr. Mines Tasm.* 1893–1894:xxix–xxxix.

MONTGOMERY, A. 1894*d*. Notes on the Queen River and Mt Lyell mining districts. *Rep. Dep. Mines. Tasm.*

MONTGOMERY, A. 1896. Report on the main fields of the Gawler River, Penguin, Dial Range, Mount Housetop, Table Cape, Cam River, and portions of the Arthur River districts. *Rep. Secr. Mines Tasm.* 1895–1896:i–xx.

MORRISON, K. C.; HOFTO, V.; DAVIDSON, J. 1988. *EL 24/86 – Doctors Rocks; Annual Report : Year 1 (27 March 1987 – 26 March 1988).* [TCR 88-2782]

NYE, P. B. 1923. The silver-lead deposits of the Waratah district. *Bull. geol. Surv. Tasm.* 33.

NYE, P. B. 1929. The osmiridium deposits of the Adamsfield district. *Bull. geol. Surv. Tasm.* 39.

NYE, P. B. 1931*a*. Notes on the Dorest Flats. *Unpubl. Rep. Dep. Mines. Tasm.* 1931:44–45.

NYE, P. B. 1931*b*. Report on a visit to Tewkesbury district. *Unpubl. Rep. Dep. Mines. Tasm.* 1931:81–82.

NYE, P. B. 1931*c*. Report on gold prospect near Flanigans Creek. *Unpubl. Rep. Dep. Mines. Tasm.* 1931:134–136.

NYE, P. B.; BLAKE, F. 1933. Report on the Lake River goldfield (Western Tiers). *Unpubl. Rep. Dep. Mines. Tasm.* 1933:115–124.

POLTOCK, R. 1989. *Exploration Licence 100/87. Dundas, Tasmania.* Roger Poltock Geological Pty Ltd. [TCR 89-2950]

PURVIS, J. G. (comp.) 1983. *Relinquishment report. Henty–Yolande and West Huxley area. Tyndall EL 9.66. Western Tasmania.* Gold Fields Exploration Pty Ltd. [TCR 83-2029].

REID, A. M. 1918. The North Pieman and Huskisson and Sterling Valley mining fields. *Bull. geol. Surv. Tasm.* 28.

REID, A. M. 1919. The mining fields of Moina, Mt Claude and Lorinna. *Bull. geol. Surv. Tasm.* 29.

REID, A. M. 1921. Osmiridium in Tasmania. *Bull. geol. Surv. Tasm.* 32.

REID, A. M. 1926. The Golconda gold mining district. *Bull. geol. Surv. Tasm.* 37.

REID, A. J. 1927. Report on alluvial deposits of Seabrook Creek and Cam River. *Unpubl. Rep. Dep. Mines Tasm.* 1927B:125–126.

REID, A. J.; HENDERSON, Q. J. 1929. Avoca mineral district. *Bull. geol. Surv. Tasm.* 40.

RIO TINTO AUSTRALIA EXPLORATION 1957. [Field work, Corinna Quadrabgle]. [TCR 57-187].

ROBERTS, P. A. 1984. E.L. 41/83. Lake Lea area. Annual report for 1983/84. Gold Fields Exploration Pty Ltd. [TCR 84-2310]

ROBERTS, R. H. 1987. E.L. 41/83 – Lake Lea area. Annual report – 1987. Gold Fields Exploration Pty Ltd. [TCR 87-2758]

SCOTT, J. B. 1926. Report on Brown and Little Plains, Rocky River district. *Unpubl. Rep. Dep. Mines Tasm.* 1926:152–156.

SHANNON, C. H. C. 1989. *Annual report, Exploration Licence 4/61, Savage River Tasmania for the period 16th January 1989 to 28th February 1989.* Savage Resources Ltd. [TCR 89-2931]

SHANNON, C. H. C.; ANNETT, R. W.; ENZMANN, F.; VANZINO, L. 1985. *Report on field investigations within EL 4/61, West Coast, Tasmania.* Savage Resources Ltd. [TCR 85-2502]

SMITH, J. H. 1897. Report on the mineral district between Corinna and Waratah. *Rep. Secr. Mines Tasm.* 1896-1897:xliii-liii.

SOLOMON, M. 1968. *Preliminary Report on the Jane River goldfield, Tasmania, for New Mount Costigan Mines Limited.* [TCR 66-441]

TAHERI, A. L.; GREEN, G. R. 1988. Metallic mineral deposit map series, sheets 8012-III, 7912-II, Ulverstone. *Department of Mines, Tasmania.*

THREADER, V. M. 1963. Little Den goldfield. *Tech. Rep. Dep. Mines Tasm.*7:25–27.

THREADER, V. M. 1965. Boring for alluvial gold in the South Esk and Ringarooma River valleys. [letter – Tasmania Department of Mines]

THREADER, V. M. 1987. Prospecting for heavy minerals in the Fingal valley. *Unpubl. Rep. Dep. Mines Tasm.* 1987/08.

THUREAU, G. 1881*a*. West Coast, Tasmania: Progress reports. No. 1. Pieman River gold field. *House of Assembly Pap. Tasm.* 1881(82).

THUREAU, G. 1881*b*. Port Cygnet, Oyster Cove, and Sandfly: report on mines. *House of Assembly Pap. Tasm.* 1881(109).

THUREAU, G. 1882*a*. North-western mineral deposits. *House of Assembly Pap. Tasm.* 1882(43).

THUREAU, G. 1882*b*. Report on the future prospects, as regards prductiveness and permanancy of the Back Creek gold field. *House of Assembly Pap. Tasm.* 1882(45).

THUREAU, G. 1882*c*. Report on the mineral resources and on the permanancy of the Lisle gold field. *House of Assembly Pap. Tasm.* 1882(46).

THUREAU, G. 1884. Report on Mount Cleveland and Corinna gold fields. *Parl. Pap. Tasm.* 1884(104).

THUREAU, G. 1885. Mount Victoria, Dan Rivulet, Black Boy and Mangana goldfields. *Parl. Pap. Tasm.* 1885(61).

TREGASKIS, D. V. G.; RAMPE, M. 1987. *Report on the Lefroy goldfield, Exploration Licence 35/81 (encompassing mining leases at Lefroy and Back Creek) for the period 10/6/87 to 9/9/87.* Tihele Pty Ltd. [TCR 87-2704]

TWELVETREES, W. H. 1900. Report on the mineral fields between Waratah and Corinna. *Rep. Secr. Mines Tasm.* 1899–1900:cxi–ccviii.

TWELVETREES, W. H. 1901. Report on the mineral district of Mounts Huxley, Jukes and Darwin. *Rep. Secr. Mines Tasm.* 1900–1901: 109–144.

TWELVETREES, W. H. 1903. *Report on the mineral fields between Waratah and Long Plains.* Department of Mines, Tasmania.

TWELVETREES, W. H. 1907. The Mangana goldfield. *Bull. geol. Surv. Tasm.* 1.

TWELVETREES, W. H. 1908*a*. Report on a geological exploration of the country between Tyenna and the Jell River. *Rep. Dep. Lands Survs Tasm.* 1907-1908:25–33.

TWELVETREES, W. H. 1908*b*. Report on gold at Port Cygnet and Wheatleys Bay, Huon River. *Rep. Secr. Mines Tasm.* 1907:xxxiii–xliv.

TWELVETREES, W. H. 1909. The Lisle goldfield. *Bull. geol. Surv. Tasm.* 4.

TWELVETREES, W. H. 1913. The Middlesex and Mount Claude mining field. *Bull. geol. Surv. Tasm.* 14.

TWELVETREES, W. H. 1914. On some gold mining properties at Mathinna. *Rep. geol. Surv. Tasm.* 5.

TWELVETREES, W. H. 1915. The Catamaran and Strathblane coal fields and coal and limestone at Ida Bay. *Bull. geol. Surv. Tasm.* 20.

TWELVETREES, W. H. 1916. The Gladstone mineral district. *Bull. geol. Surv. Tasm.* 25.

WALLER, G. A. 1901. Report on the mineral districts of Bell Mount, Dove River, Five-Mile Rise, Mount Pelion and Barn Bluff. *Rep. Secr. Mines Tasm.* 1900-1901:184–231.

APPENDIX A
Occurrences of alluvial gold in Tasmania

Ref. No.	Locality	Minerals	AMG Reference	Map	References
12001	Reddins Creek	Sn Au	ER98004450	8517-4	Blake (1947)
12002	Samphire Creek	Au	FR00104730	8517-4	Blake (1947)
15002	-	Sn Au	FR07503380	8517-2	Blake (1947)
15003	-	Sn Au	FR07003380	8517-4	Blake (1947)
15004	-	Sn Au	FR10003100	8517-2	Blake (1947)
20001	Montagu Swamp	Cr Au Sn Ti	CQ22506700	7816-2	Hughes (1957)
21001	Gentle Annie Creek	Au	CQ48506230	7916-3	-
22001	Inglis River	Au	CQ87006400	8016-3	Gee (1971); Hills (1913)
22003	Calder Road / Inglis River	Au	CQ90006300	8016-3	Montgomery (1896)
24002	Bells Shaft	Sn Au	EQ83606800	8416-1	Twelvetrees (1916)
25006	Fly By Night Creek	Au Sn	EQ84206500	8516-3	Twelvetrees (1916)
25025	Wares Prospects	Au Sn	EQ85006650	8516-3	Twelvetrees (1913)
27001	Arthur River	Au	CQ67254202	7915-1	McNeil (1961); Clementson, (1986)
27003	Campbell Hydraulic	Au	CQ68804050	7915-1	Montgomery (1896)
27004	Campbells Creek / Rivulet	Au	CQ72603860	7915-1	Montgomery (1896)
27005	Comstaff Creek	Au	CQ52801780	7915-3	Clementson, (1986)
27006	Folly Hill (Fury Hill)	Au	CQ63904390	7915-1	Jack (1964); Clementson, (1986)
27008	Lyons River	Au	CQ64604600	7915-1	Montgomery (1896)
27009	Pikes Diggings	Au	CQ72903790	7915-1	Montgomery (1896)
28001	Big Creek (Lower)	Au	CQ90006000	8015-4	Montgomery (1896)
28002	Big Creek (Upper)	Au	CQ91505000	8015-4	Montgomery (1896)
28003	Black Fish Creek (Moores Plains)	Au	CQ88005000	8015-4	Montgomery (1896)
28004	Calder River (and tributaries)	Au	CQ83505190	8015-4	Montgomery (1896)
28005	Camp Creek	Au	CQ91805380	8015-4	Montgomery (1896)
28006	Cam River	Au	CQ97004600	8015-1	Montgomery (1896)
28007	Deacons Creek	Au	CQ91703830	8015-4	Montgomery (1896)
28008	Inglis River	Au	CQ83105250	8015-4	Montgomery (1896)
28009	Kays Old Diggings	Au	CQ75403630	8015-4	Montgomery (1896)
28010	St Marys River	Au	CQ93203760	8015-4	Nye (1931*b*)
28011	Seabrook Creek	Au	CQ96303230	8015-1	Montgomery (1896); Reid (1927)
28015	Grays Creek	Au	CQ76303760	8015-4	Montgomery (1896)
28016	-	Au	DQ11003900	8015-1	Hughes (1959)
29003	Buttons Creek	Au	DQ30703600	8115-4	Burns (1964); Thureau (1882*a*)
29006	Gawler Gold Mines / Gawler River	Au	DQ28534145	8115-4	Burns (1964)
29019	Gawler Alluvial Gold	Au	DQ28554093	8115-4	Barnford and Green (1988)
30122	Blanket Creek	Au	EQ01004940	8215-1	Tregaskis and Rampe (1987)
30123	Demijohn Lead	Au	DQ99005020	8215-1	Gee and Legge (1979)
30124	Golden Point and Crown Lead	Au	DQ98904960	8215-1	Gee and Legge (1979)
30125	Lefroy Deep Lead	Au	DQ99205200	8215-1	Gee and Legge (1979)
30126	Morning Star Creek	Au	DQ99005070	8215-1	Gee and Legge (1979)
30127	Native Youth Lead (Sludge Creek)	Au	DQ98805000	8215-1	Gee and Legge (1979)
30128	New Chum Creek	Au	DQ98705150	8215-1	Gee and Legge (1979)
30129	Pinafore Lead	Au	DQ98605090	8215-1	Gee and Legge (1979)
30130	Poverty Lead	Au	DQ99904950	8215-1	Gee and Legge (1979)

Ref. No.	Locality	Minerals	AMG Reference	Map	References
30131	Specimen Creek	Au	DQ99604950	8215-1	Gee and Legge (1979)
30132	-	Au	DQ97805070	8215-1	Gee and Legge (1979)
30133	-	Au	DQ99505000	8215-1	Tregaskis and Rampe (1987)
30134	Beaconsfield Deep Lead	Au	DQ84503900	8215-1	Gee and Legge (1979)
31003	Back Creek Goldfield	Au	EQ05005000	8315-4	Reid (1926); Marshall (1969)
31005	Blackmans / Old / Black Creek Lead	Au	EQ05105480	8315-4	Reid (1926); Marshall (1969)
31008	Cardigan / Prince of Wales Lead	Au	EQ05005470	8315-4	Reid (1926); Marshall (1969)
31010	Cradle Creek Goldfield	Au	EQ27503950	8315-1	Cromer (1987)
31011	Denison Goldfield	Au	EQ26004600	8315-1	Cromer (1987)
31012	Dunns Adit	Au	-	8315-1	Reid (1926)
31022	Haye's Leases	Au	EQ26203520	8315-1	Reid (1926)
31029	Lady Hamilton	Au	EQ42804520	8315-1	Reid (1926)
31030	Lebrina Goldfield	Au	EQ22004300	8315-1	Cromer (1987)
31033	Lisle Creek Workings	Au	EQ27003550	8315-1	Reid (1926)
31034	Lisle Goldfield	Au	EQ26503600	8315-1	Cromer (1987); Marshall (1969); Reid (1926)
31035	Lisle Hydraulic Gold Mines	Au	EQ26203560	8315-1	Reid (1926)
31036	Lone Star Creek	Au	EQ24303800	8315-1	Reid (1926)
31037	Lone Star Goldfield	Au	EQ24203800	8315-1	Reid (1926)
31045	Panama Goldfield	Au	EQ24004100	8315-1	Cromer (1987); Marshall (1969)
31048	Pipers River	Au	EP10005700	8315-1	Thureau (1882*b*)
31049	Red Lead (Albion Lead)	Au Cu	EQ05005520	8315-4	Marshall (1969)
31055	Thomas Creek	Au	EQ25703450	8315-1	Reid (1926)
31062	White Lead	Au	EQ05505470	8315-4	Marshall (1969)
31065	-	Au	EQ27204810	8315-1	Reid (1926)
31067	Hill Range east of New Bonanza	Au	-	8315-1	Reid (1926)
31073	-	Au	EQ24503200	8315-1	Reid (1926)
32019	Jordans	Au	EQ68305150	8415-1	Blake (1936*b*)
32020	Endurance	Sn Au REE	EQ81806030	8415-1	-
32021	Dorset Flats	Sn Au	EQ81205610	8415-1	Nye (1931*a*)
32022	Pioneer	Sn Au	EQ78105210	8415-1	-
32023	Briseis	Sn Au	EQ65304560	8415-1	-
35001	Davis Creek	Cu Au	CQ51471224	7915-3	Annett and Shannon (1987); Annett *et al.* (1986)
35002	Hall Creek	Au	CQ50701060	7915-3	Mathison (1986)
35003	Matthews Creek	Au	CQ71101150	7915-2	Nye (1923)
35006	Specimen Creek	Au	CQ51501100	7915-3	Mathison (1986); Shannon (1989)
35034	Bald Hill	Os Ir Au Cr Ni	CQ58701090	7915-2	Hills (1915)
36001	Blacks (Lea River or Mariner 6)	Au	DQ14850527	8015-2	Roberts (1984, 1987); Broadhurst (1934)
37007	Bell Mount Alluvial	Au	DQ23300840	8115-3	Jennings (1979)
37042	Cooper-Smiths	Au	DQ37623170	8115-2	Jennings (1979)
37057	Falls Creek Alluvial	Au	DQ19200690	8115-3	Broadhurst (1934)
37061	Dasher River	Au	DQ53001510	8115-2	Thureau (1882*a*)
37064	Paloona River	Au	DQ37653172	8115-3	Bamford and Green (1988)
37065	Clayton River	Au	DQ30703200	8115-3	Bamford and Green (1988)
37070	No name	Au	DQ32303252	8115-3	Bamford and Green (1988)
37104	No name	Au	DQ17250860	8115-3	Roberts (1984)

Ref. No.	Locality	Minerals	AMG Reference	Map	References
37107	Lea River Alluvial	Au	DQ20000670	8115-3	Broadhurst (1934) plan
37112	Minnow River	Au	DQ45000960	8115-2	Jennings (1963)
38001	Salisbury Hill	Au	DQ86503350	8215-2	Gulline (1981)
40001	Black Horse Gully	Au	EQ74000700	8415-2	Twelvetrees (1914)
40010	Golden Stairs	Au	EQ74300810	8415-2	Twelvetrees (1914)
40012	Alluvial Flats / Kennedy's Flats	Au Sn	EQ74000800	8415-2	Twelvetrees (1914)
40013	Long Gully	Au	EQ74500700	8415-2	Twelvetrees (1914)
40085	Midsons Flat	Au	EQ75300870	8415-2	-
40103	Mt Victoria Alluvial	Au	EQ70003000	8415-2	-
40104	New River Alluvial	Au	EQ70003000	8415-2	-
40105	Dorset River Alluvial	Au	EQ70003000	8415-2	-
40106	South Esk River Alluvial	Au	EQ70003000	8415-2	Threader (1965)
40107	Tyne River	Au	EQ68000800	8415-2	-
40108	Kruskas Freehold	Au	EQ70003000	8415-2	-
40109	Brooks Creek	Au	EQ69800840	8414-4	-
41011	-	Au	EQ93300950	8515-3	Henderson (1939)
41012	-	Au	EQ94000950	8515-3	Henderson (1939)
43001	Barnes Creek	Au Os Ir	CP70507820	7914-1	Reid (1921)
43002	Berkery Creek - Jones Creek	Au Os Ir	CP66007860	7914-1	-
43003	Betts Creek	Sn Au Os Ir	CP64009670	7914-1	Jack and Groves (1965)
43005	Big Duffer Creek	Au	CQ49000200	7914-4	Mathison (1986)
43006	Bracken Creek	Au	CP46309350	7914-4	Mathison (1986); Thureau (1881*a*)
43007	Brooklyn	Au	CP39408959	7914-4	Rio Tinto Aust. Exploration (1957)
43008	Brookside Workings	Au	CP42959155	7914-4	Lapworth and McKenzie (1984); Rio Tinto Aust. Exploration (1957)
43009	Brown Plains Goldfield	Au	CP46809100	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43011	Castray River	Au	CQ60000000	7914-1	-
43012	Chester Osmiridium Deposit	Os Ir Au Sn	CP71408060	7914-1	Reid (1918)
43013	Chinamen Creek	Au	CP70208040	7914-4	Thureau (1881*a*); Mathison (1986)
43014	Chromite Creek	Os Ir Au Sn Cr	CP70208040	7914-1	Reid (1921)
43015	Corinna Hydraulic	Au	CP42108890	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43019	Donnelly Creek	Au	CP46909340	7914-4	Thureau (1881*a*); Mathison (1986)
43020	Doodie Creek	Au	CP42309050	7914-4	-
43021	Dozer Track Prospect	Au	CQ48200200	7914-4	Annett and Shanon (1987)
43022	Eight Mile Creek	Au	CP47809240	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43024	Fiddlesticks (and old prospects)	Au Cu Fe	CP49688989	7914-4	Annett *et al.* (1986); Rio Tinto Aust. Exploration (1957)
43027	Frenchmans Workings (Creek)	Au	CP45308710	7914-4	Mathison (1986); Mathison anf Ferguson (1987)
43028	Frenchmans Peak	Au	CP44708620	7914-4	Rio Tinto Aust. Exploration (1957)
43029	Gould Creek - Ahearne Creek	Os Ir Au	CP65007980	7914-1	Reid (1921)
43030	Harmen River	Os Ir Au Sn	CP63008370	7914-1	Reid (1921)
43031	Jansen Creek	Au	CP42408950	7914-4	Montgomery (1894*c*)
43032	Keenan Creek	Os Ir Au	CP64208450	7914-1	Reid (1921)
43033	Kershaw Creek	Os Ir Au	CP66007740	7914-1	Reid (1921)
43034	Limestone Creek	Os Ir Au	CP66008220	7914-1	Reid (1921)

Ref. No.	Locality	Minerals	AMG Reference	Map	References
43035	Lucy Creek Workings	Au	CP46788514	7914-4	Mathison (1986); Mathison and Ferguson (1987)
43036	Lucy Spur	Au	CP46808540	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43038	Main Rivulet	Au	CQ49000250	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43039	McCaverstons Workings	Au	CP42609080	7914-4	Rio Tinto Aust. Exploration (1957)
43040	Merton Creek	Os Ir Au Sn	CP68007980	7914-1	Reid (1921)
43041	Middleton Creek (C)	Au	CP41208940	7914-4	Rio Tinto Aust. Exploration (1957); Thureau (1881*a*)
43042	Mt Donaldson	Au	CP39509220	7914-4	Rio Tinto Aust. Exploration (1957); Thureau (1881*a*)
43044	Nancy Creek	Au	CP45508620	7914-4	Mathison (1986)
43045	Nancy Spur	Au	CP45808670	7914-4	Mathison (1986)
43046	New Donaldson	Au	CP39509170	7914-4	Mathison (1986)
43047	Obsidian Creek	Au	CQ50000320	7914-4	Mathison (1986)
43048	Paradise Creek / Paradise River	Au	CP48308430	7914-4	Mathison (1986)
43049	Roberts Creek - Biscuit Creek	Os Ir Au	CP66007770	7914-1	-
43050	Rocky River Alluvial	Au	CP49008950	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43053	Sabbath Creek (Sunday Creek)	Au	CP39009400	7914-4	Thureau (1881*a*)
43054	Savage River (Dredge)	Au	CP41509080	7914-4	-
43055	Savage River (North)	Au	CP39909090	7914-4	-
43056	Savage River (South) / Nonesuch Creek	Au	CP39609030	7914-4	Rio Tinto Aust. Exploration (1957)
43059	Tarrys	Au	CP48608960	7914-4	Rio Tinto Aust. Exploration (1957)
43061	Timbs Creek	Au	CP48309320	7914-4	Thureau (1881*a*) ; Mathison (1986)
43062	Tin Creek	Os Ir Au Sn	CP69507910	7914-1	Annett *et al.* (1986)
43064	Whyte Creek (White Creek)	Au	CP41608800	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43065	Whyte River	Au	CP48909000	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43070	-	Au	CP48809220	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43071	-	Au	CP48409280	7914-4	Mathison (1986); Rio Tinto Aust. Exploration (1957)
43072	Wilson River	Os Ir Au	CP65008380	7914-1	-
43073	-	Os Ir Au	CP67208240	7914-1	-
43074	-	Os Ir Au	CP64508700	7914-1	-
43085	Browns Creek / Browns Plain Creek	Au	CP45809000	7914-4	Rio Tinto Aust. Exploration (1957)
43086	Middleton Creek South	Au	CP40908880	7914-4	Rio Tinto Aust. Exploration (1957)
43087	Middleton Creek North	Au	CP41508970	7914-4	Rio Tinto Aust. Exploration (1957)
43088	Jansens Big Face	Au	CP41808780	7914-4	Montgomery (1894c)
43089	Sailor Creek	Au	CP42008890	7914-4	Montgomery (1894c)
44022	Strong Creek Gold Diggings	Au Pb Cu Cr	CP77008390	8014-4	Reid (1918); Collins *et. al.* (1981)
44317	Mayday Creek	Au	DP03109928	8014-1	Collins *et. al.* (1981)
44327	Bonds Peak Goldfield (Mariner 2)	Au Pb Sn	DQ11380132	8014-1	Twelvetrees (1913); Roberts (1984)
45010	O'Rourkes Hydraulic	Au	DP25079920	8114-4	Jennings (1963) ; Waller (1901)
45015	Golden Point / Forth River	Au	DQ27500370	8114-4	Jennings (1963) ; Gunn (1860)
45016	Mersey River	Au	DP35509900	8114-4	Montgomery (1893)

Ref. No.	Locality	Minerals	AMG Reference	Map	References
45024	Five Mile Rise Goldfield	Au	DP26209900	8114-4	Jennings (1963)
48037	Majors Gully	Au	EP73109550	8414-1	-
48040	New Henbury	Sn Au	EP65508050	8414-1	Reid and Henderson (1929)
48052	Sunbeam (Alluvial)	Au	EQ73900130	8414-1	Finucane (1935)
50001	Eureka	Sn Au	CP51306980	7914-2	Montgomery (1893*b*) ; Blissett (1962)
50005	Melba Flat	Au Os Ir Sn	CP67006700	7914-2	Montgomery (1893*b*); Blissett (1962)
50006	Ring River Goldfield	Au Os Ir	CP71007200	7914-2	Montgomery (1893*b*); Blissett (1962)
50008	Crimson Creek	Au Sn	CP65507250	7914-2	Blissett (1962)
50009	Farrell Rivulet Deep Lead	Au Os Ir Cr	CP66365474	7914-2	Poltock (1989); Blissett (1962)
50010	Pieman River Goldfield	Au Os Ir Sn	CP70007300	7914-2	Conder (1918); Blissett (1962)
50012	Star Creek	Sn Au Os Ir	CP71507110	7914-2	Conder (1918)
50013	Huskisson Rivulet	Au Sn	CP66507300	7914-2	Blissett (1962)
50030	Ewert Creek	Au Cr	CP72505170	7914-2	Poltock (1989)
50031	Farrell Rivulet (Upper)	Au Cr	CP70705540	7914-2	Poltock (1989)
50046	Riley Creek	Os Ir Cr Au	CP68507720	7914-2	Reid (1921)
50047	Trinder Creek	Os Ir Cr Au	CP68207620	7914-2	Reid (1921)
50048	Fowler Creek	Os Ir Cr Au	CP67807590	7914-2	Reid (1921)
50049	Trinder Creek B	Os Ir Cr Au	CP70206720	7914-2	Reid (1921)
54001	Little Den (Lake River) Goldfield	Au	EP08405500	8314-3	Nye and Blake (1933); Threader (1963)
57004	Coupon Alluvial	Au	CP75903370	7913-1	-
57008	King River Delta	py Cu Au Co Ba	CP63902750	7913-1	-
57016	Gorings Creek	Au	CP75813343	7913-1	-
58162	Lake Margaret Road Alluvial	Au	CP78954675	8013-4	Fitzgerald and Pease (1985)
58184	Raggedy Ann	Au	CP79904120	8013-4	Bamford and Green (1986*b*)
58230	Hall's Creek	Au	CP78723445	8013-4	Bamford and Green (1986*b*)
58237	Sailor Jack Gold	Au	CP81202570	8013-4	Hills (1914); Fitzgerald and Pease (1985)
58245	Flannigan Flats (Flanagans)	Au	CP78502620	8013-4	Nye (1931*c*); Fitzgerald and Cartwright (1986); Fitzgerald and Pease (1985)
58257	Allen Creek	Au	CP83602225	8013-4	Hills (1911)
58260	Gold Creek	Au	CP78174883	8013-4	Purvis (1983)
58263	Unnamed	Au	CP82802210	8013-4	Bamford and Green (1986*b*)
58264	Unnamed	Au	CP82602230	8013-4	Bamford and Green (1986*b*)
58265	Unnamed	Au	CP83002500	8013-4	Bamford and Green (1986*b*)
58266	Unnamed	Au	CP83802500	8013-4	Bamford and Green (1986*b*)
58282	McDowells P.A.	Au	CP84804245	8013-4	*Rep. Secr. Mines Tasm.* 1911–1919
58292	-	Au	CP84583410	8013-4	Fitzgerald and Cartwright (1985)
58294	Section 2688	Au	CP79502660	8013-4	Fitzgerald and Cartwright (1985)
58295	Halls Creek (Rivulet)	Au	CP77053420	8013-4	Jones (1986)
58312	Mc Cusick's Creek	Au	CP83504250	8013-4	Montgomery (1894*d*)
58313	Whites Creek	Au	CP83504250	8013-4	Montgomery (1894*d*)
58317	Guilfoyle Creek	Au	CP81003500	8013-4	Montgomery (1894*d*)
58318	Nuggety Creek / Diorite Creek	Au	CP82003500	8013-4	Twelvetrees (1901)
65001	Burrows Alluvial Workings	Au	DP16500400	8013-2	Blake (1936*a*)

Ref. No.	Locality	Minerals	AMG Reference	Map	References
65002	Lighting Plains	Au	DP07401100	8013-2	Blake (1936*a*)
65003	Prince Rivulet	Au	DN15009500	8013-2	-
65004	Ridge Creek	Au	DP17200460	8013-2	Solomon (1968)
65005	-	Au	DP17500800	8013-2	Solomon (1968)
65006	Moores Track / Jane River	Au Ag Fe	DP09201100	8013-2	Blake (1936*a*)
65292	Slate Spur Gold	Au	CP81551965	8013-3	Bamford and Green (1986*a*)
65294	Clark Valley	Au	CP82351930	8013-3	Bamford and Green (1986*a*)
66001	Jane River (Warnes Lookout) Goldfield	Au	DP17800490	8113-3	Jennings (1974)
66002	Algonkian Rivulet	Au	DP19500200	8113-3	Blake (1936*a*)
66003	Cinnabar Creek	Au Hg	DP17700480	8113-3	Blake (1936*a*); Solomon (1968)
66004	Reward Creek	Au	DP18500450	8113-3	Blake (1936*a*); Solomon (1968); Jennings (1974)
73012	-	Os Au	DN42976927	8112-1	Nye (1929)
73017	-	Os Au	DN42656872	8112-1	Nye (1929)
78002	Fletcher Creek	Au	CN71205980	7912-2	Taheri and Green (1988)
79022	-	Au Ti	CN81404220	8012-3	Taheri and Green (1988)
80002	Williams Creek	Os Ir Au Cr	DN45706640	8112-2	Nye (1929)
80003	Tributary of Sawback Creek	Os Ir Au Cr	DN45506540	8112-2	Nye (1929)
80004	Sawback Creek	Os Ir Au Cr	DN45406570	8112-2	Nye (1929)
81001	Styx River	Au Sn	DN74006000	8212-3	Twelvetrees (1908*a*)
88001	Agnes Rivulet	Au	EN06302140	8311-4	Thureau (1881); Farmer (1985)
88004	Forsters Rivulet	Au	EN06001720	8311-4	Twelvetrees (1908*b*); Jones (1985)
88006	Little Oyster Cove Creek Goldfield	Au	EN18302570	8311-4	Jones (1987)
88009	Nicholls Rivulet Goldfield	Au	EN12402560	8311-4	Jones (1987)
88010	Riseleys Creek	Au	EN02001720	8311-4	Jones (1985); Twelvetrees (1908*b*)
88017	Golden Valley Creek	Au	EN05002120	8311-4	Thureau (1881*b*)
88019	Kubes Rivulet (Kubes Bay)	Au	EN01701700	8311-4	Twelvetrees (1908*b*)
88021	Lymington Alluvial - A	Au	EN04802000	8311-4	-
88022	Lymington Alluvial - B	Au	EN06001720	8311-4	-
88025	Petcheys Bay	Au	EN00801780	8311-4	Twelvetrees (1908*b*)
88027	-	Au	EN06301980	8311-4	Thureau (1881*b*)
92001	Bathurst Channel (Port Davey)	Au	DN22000200	8111-3	-
93001	Esperance River	Au	DN98000200	8211-2	Twelvetrees (1915)
93002	Lune River	Au	DM93009200	8211-2	Twelvetrees (1915)
97001	D'Entrecasteaux River	Au	DM93008300	8210-1	Twelvetrees (1915)

M. C. Reed, Government Printer, Tasmania K 9166