Crown Copyright,
Permission required
for use in other works.
Digital Version is Licenced

Crown Copyright,
Permission required
for use in other works.
Digital Version is Licenced

GEOLOGICAL SURVEY OF VICTORIA.

S.E. — Nº15

C O U N T Y O F T A L B O T — 15 N.E. — P A R T O F F R Y E R S

15 S.W. — 9 S.W.

P A R T O F F R A N K L I N — 16 N.E.

Y A N D O I T

Yandoit

Franklinford

Mt Franklin

Proposed ABORIGINAL RESERVE

S E B A S T O P O L

DIGGINGS

H O L C O M B E

High and steep ranges of grey fine grained sandstone rather sparingly interstratified with bands of blueish slate. The strike of the rocks varies between N-N10°W with generally a steep westerly dip

High and steep ranges of grey fine grained sandstone with thin beds of blueish slate very narrow and precipitous alluvial drift and As however rather lower down the probable that some may

ranges of yellowish stones, sparingly interstratified grey slate. The gullies being generally contain only limited deposits of have been very little prospected coarse gold has been found main creek, it is be auriferous.

Fine ANTICLINAL of thick bedded fine grained grey sandstone. On account of a greater denudation of the second bed, a small cave has been formed near the apex of the curve.

ANTICLINAL of very thick beds of grey fine grained micaceous sandstone

Quartz Reef, from 10 to 15 ft thick

The gullies and flats of this neighborhood have been as yet very little prospected, though from the auriferous character of the main Browns gully it is highly probable that the drift of some of them may contain gold in payable quantity

The high & rather steep ranges of this neighborhood consist of grey fine grained & in general rather thin bedded sandstone with occasional thick bands of blueish grey slate. Strike N N W with a steep westerly dip. The rather narrow gullies have been only superficially prospected though there is every probability of gold being found on account of the neighborhood and character of Gowes diggings — an isolated patch of older pliocene gold drift no doubt the remnant of a more extensive deposit whose auriferous contents are probably now distributed through the alluvial drift of the adjoining gullies

Small patch of freshwater Limestone, its margin consists of a breccia of slate and quartz cemented by lime

Small outlier of dense blueish grey basalt, must probably once connected with the Mt Franklin basalt area. Its present isolated position indicates that an extensive denudation of a widespread lava stream has taken place in post tertiary times

Point of eruption. The basalt at this place affects the magnetic needle considerably

High and steep ranges of dense blueish grey sandstone strike N 10° N 12° W with generally a westerly dip

Blueish grey earthy looking Basalt decomposing to a black rock soil

Brown red earthy decomposing basalt

Dense black basalt

Steep sandstone ranges

Gowe's Diggings

1500 ft.

W.Hole — Spring of good water

Spring — Hut

Mill Races

Store

W 5° S 15° 250 ft Crushing Machine by manual Reef

The Quartz at present crushed from the southern portion of the reef yields 15 dwts to the ton

Not found deeper than 91 ft sinking

30 ft sinking

The alluvium of this portion of the flat has yielded very coarse gold at a depth of sinking from 12 – 20 ft

Surveyed, Engraved and Published under the direction of Alfred R.C. Selwyn Gov.t Geologist at the GEOLOGICAL SURVEY OFFICE MELBOURNE.

Geologically & Topographically Surveyed by George Ulrich. Field Geologist. 1864
Outline & Writing, Engraved by Brown & Slight, Hills Lithographed by Rich.d Shepherd
Published 1866.

Post Pliocene — Raised beaches Estuary beds & blown sand Upper Gold drifts — P1 Sand. P2 Clay & Mud P3 Gravel & Conglomerate (Cement)

Newer Pliocene — Marine & Freshwater Flemington & Upper Brighton beds Middle Gold drift — T P1 Sandy beds T P2 Clay & Mud T P3 Gravel & Conglomerate (Cement)

Older Pliocene — Marine & Freshwater Brighton beds Lower Gold drift — T P1 Sandy beds T P2 Clay Slate &c T P3 Gravel & Conglomerate (Cement)

Lower Silurian — C1 Sandstone C2 Slates Flags & Mudstones C3 Conglomerate

Post Pliocene Volcanic (Pliocene) — V1 Basalt Dolerite V2 Anamesite V3 Lava V4 Ash Conglomerate Breccia &c

Thin capping on older rocks — T1 Sand T2 Clay T3 Gravel

Scale — Two Inches to a Mile.

20 Chains 320 Perches — 60 240 — 40 160 — 20 80 — 0 0 — 40 160 — 80 320 — 120 480 — 160 Chains 640 Perches — 2 Miles

P.e 4 Fossil — R.e 10 Rock — M.e 2 Mineral

70° Dip & Strike of Cleavage — Perpendicular beds longest line the Strike — Anticlinal line — Synclinal line — Gold — Iron — Quartz Reefs — Locality and mark of Specimen in the Museum — Volcanic hills and Points of eruption — Gold Workings

Crown Copyright,
Permission required
for use in other works.
Digital Version is Licenced

Crown Copyright,
Permission required
for use in other works.
Digital Version is Licenced