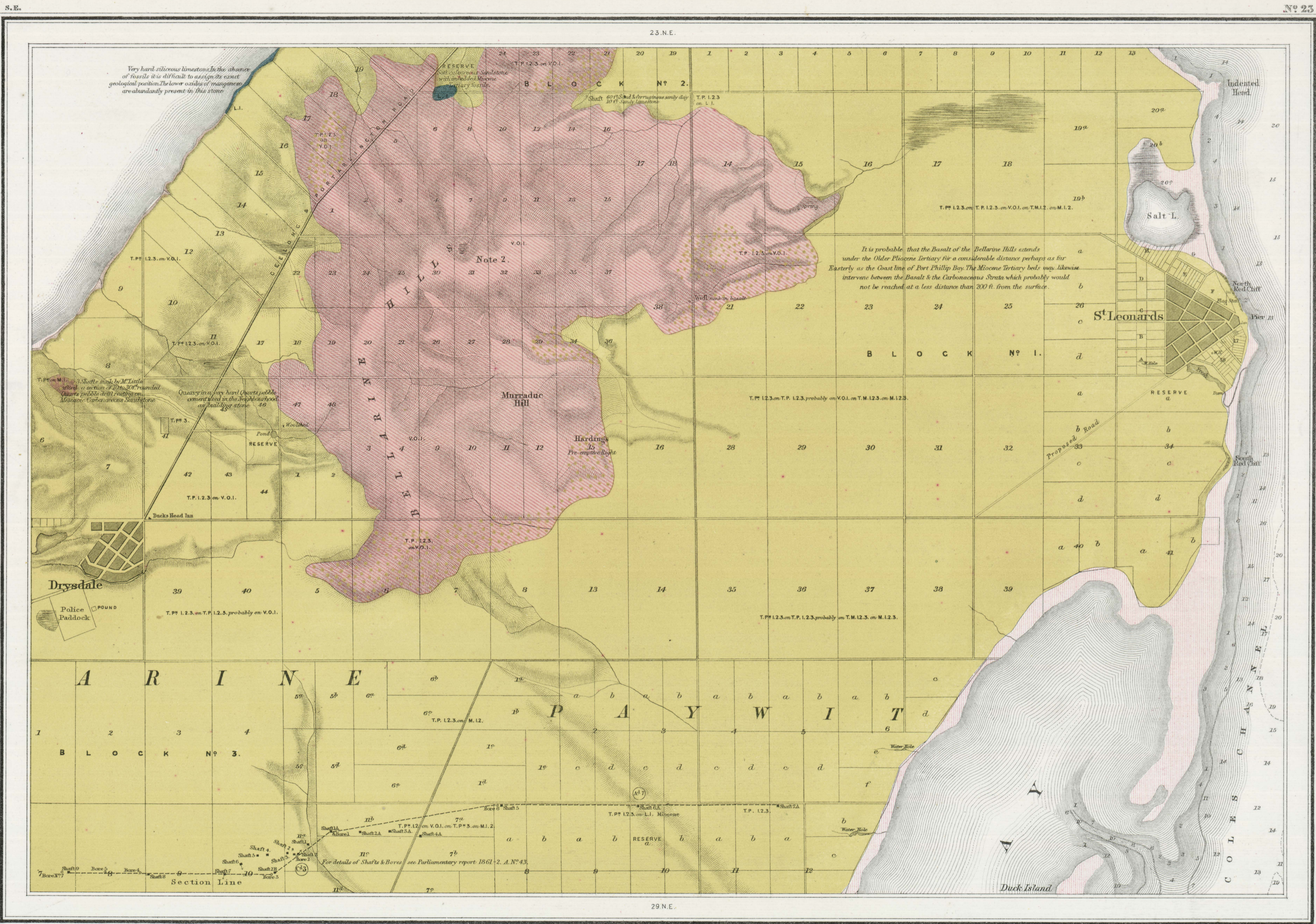


# GEOLOGICAL SURVEY OF VICTORIA.



Very hard siliceous limestone. In the absence of fossils it is difficult to assign its exact geological position. The lower beds of manganese are abundantly present in this stone.

Note 2.

It is probable that the Basalt of the Bellarine Hills extends under the Older Pliocene Tertiary for a considerable distance perhaps as far easterly as the Coast line of Port Phillip Bay. The Miocene Tertiary beds may likewise intervene between the Basalt & the Carbonaceous Strata which probably would not be reached at a less distance than 200 ft. from the surface.

The Basalt of the Bellarine Hills generally is easily decomposed for agricultural purposes it is much veins of Gibberna

Printed at the Mining and Geological Department.

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

Geologically Surveyed by Rich<sup>d</sup> Daintree, Field Geologist 1861. Outline & Writing, Engraved by Brown & Sleigh, Hill's Lithographers by Rich<sup>d</sup> Shephard. Published 1863.

Note. The Outline Compiled by J. Wilkinson, from Originals in the Surveyor General's Department.

	Post Pliocene		Rainfed beaches Estuary beds & blown sand Upper Gold drifts		P1 Sand		P2 Clay & Mud		P3 Gravel & Conglomerate (Cement)		Newer Pliocene		Marine & Freshwater		Flamington & Upper Brighton beds Middle Gold drift		T P 1 Sandy beds		T P 2 Clay & Mud		T P 3 Gravel & Conglomerate (Cement)		Older Pliocene		Marine & Freshwater		Brighton beds Lower Gold drift		T P 1 Sandy beds		T P 2 Clay & Mud		T P 3 Gravel & Conglomerate (Cement)		Miocene		Marine & Freshwater		Lower Brighton beds Corio Bay & Portland		T M 1 Sandy beds		T M 2 Clay & Shale		T M 3 Gravel or Conglomerate (Cement)
	Older Volcanic Miocene & Older		V O 1 Basalt Dolerite		V O 2 Annesite		V O 3 Lava		V O 4 Ash Conglomerate Breccia &c		Lower Volcanic Etruscan		V 1 Basalt Dolerite		V 2 Annesite		V 3 Lava		V 4 Ash Conglomerate Breccia &c		Thin capping on older rocks		T 1 Sand		T 2 Clay		T 3 Gravel		Limestone (Miocene)		L 1 Tertiary		Carbonaceous (Miocene)		M 1 Sandstone		M 2 Shales & Mudstones		M 3 Conglomerate						

Scale - Two inches to a Mile.

Deposits of sand clay & gravel of the age of the upper gold drifts 'Diluvial' or Post Pliocene occur at intervals along the course of all the valleys. These deposits are frequently cut through & redistributed by existing river action during floods forming alluvial A. 1, 2, 3. Recent Gold drifts.