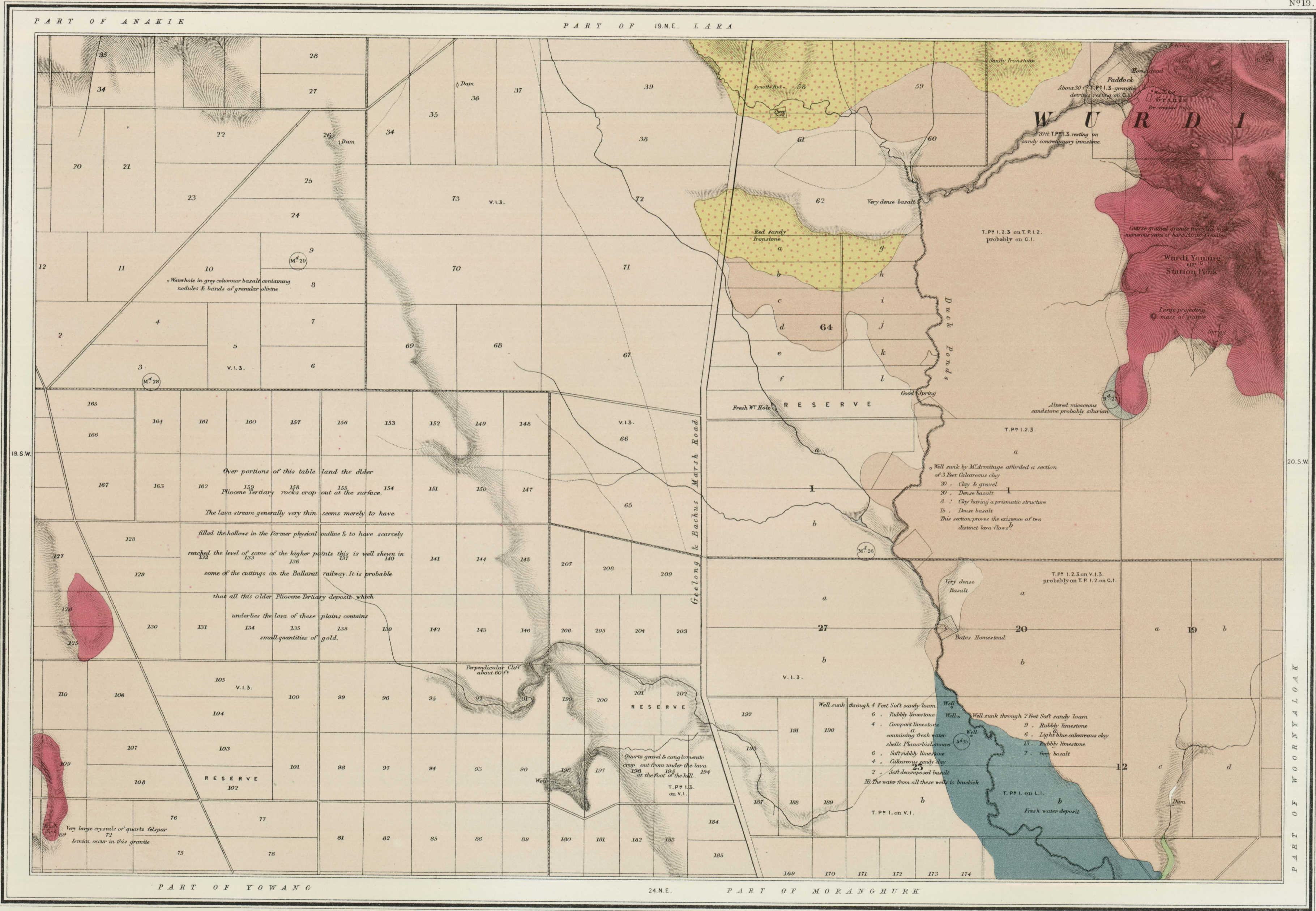


GEOLOGICAL SURVEY OF VICTORIA.

S.E.

Nº19.



YOUNG

The Granite of the Station Peak Ranges is coarse grained with large crystals of felspar deposits of Kaolin are found on the flanks of the range, but not in commercial quantity.

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. Frederick M. Coy, Paleontologist.

Geologically surveyed by Richard Denton, Field Geologist, 1861, assisted by C. S. Williams. Outline & Writing, Engraved by Brown & Slight, 1872. Lithographed by Richd. Shepherd. Published 1863.

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

Post Pliocene	Raised beaches Estuary beds & blown sand Upper Gold drifts	P ¹ Sand P ² Clay & Mud P ³ Gravel & Conglomerate (Concret.)	Overlying Basalt	Newer Pliocene	Marine & Freshwater	Flamington & Upper Brighton beds Middle Gold drift	T P ¹ 1 Sandy beds T P ² 2 Clay & Mud T P ³ 3 Gravel & Conglomerate (Concret.)	Older Pliocene	Marine & Freshwater	Brighton beds Lower Gold drift	T P ¹ 1 Sandy beds T P ² 2 Clay & Mud T P ³ 3 Gravel & Conglomerate (Concret.)	Lower Silurian	C 1 Sandstone C 2 Slate Shale & Micaschists C 3 Conglomerate	Limestone L 1 Tertiary	Upper Volcanic (Pliocene)	V 1 Basalt Dolerite V 2 Basalts V 3 Lava V 4 Ash Conglomerate Breccia &c
---------------	--	---	------------------	----------------	---------------------	--	---	----------------	---------------------	--------------------------------	---	----------------	--	------------------------	---------------------------	--

Scale - Two inches to a Mile.

60 Chains 40 20 0 20 40 60 80 100 120 140 160 180 200 240 300 360 420 480 540 600 660 720 780 840 900 960 1020 1080 1140 1200 1260 1320 1380 1440 1500 1560 1620 1680 1740 1800 1860 1920 1980 2040 2100 2160 2220 2280 2340 2400

240 Chains 2 Miles

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.

Locality and mark of Specimen in the Museum (nº10) Trench Boundary