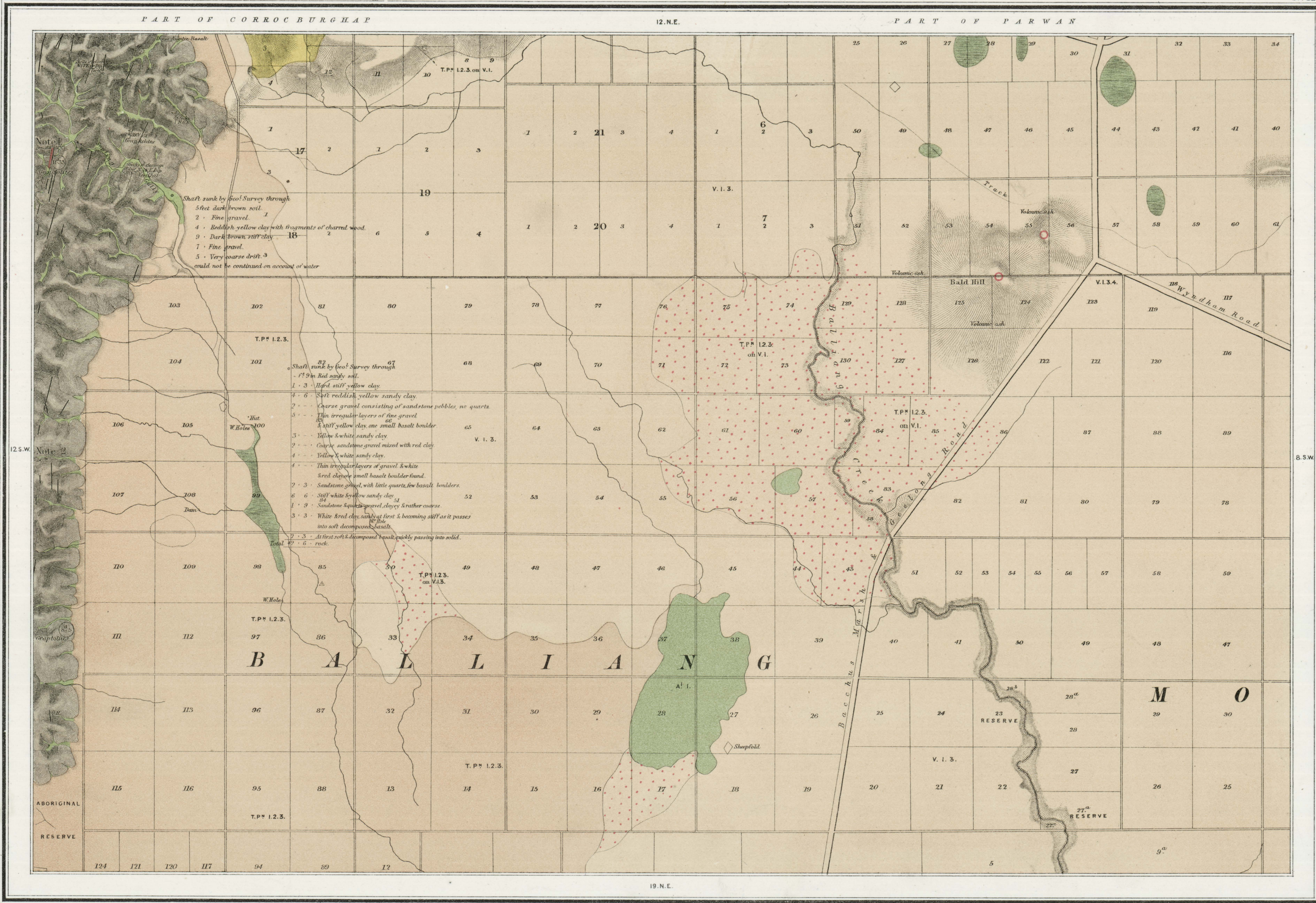


S.E.

No 12



Note 1.
Dyke of decomposed syenite, containing iron pyrites & having a quartz reef on the East side of it.

Note 2.
Synclinal axis dip of strata S. 82° W. 77'. Strike of cleavage N. 16° E. dip W. 10° N. 87'. at 150 links further West up gully dip of strata E. 38° S. 74'. Strike of cleavage N. 16° E. dip vertical.

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Geologically Surveyed by Rich^d Dainton, Esq., Field Geologist 1863, assisted by C.S. Wilkinson. Outline & Writing Engraved by Brown & Sigbee 1871. Lithographed by Rich^d Shephard. Published 1864.

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

Althral	Recent Basaltic & rhyolite on older rocks	A1 Sand	A2 Clay & Mud	A3 Gravel Recent Gold drift	Post Pliocene	Raised beaches Estuary beds & blown sand Upper Gold drifts	P1 Sand	P2 Clay & Mud	P3 Gravel & Conglomerate (Coarse)	Older Pliocene	Marine & Freshwater	Flemington & Upper Brighton beds Middle Gold drift	TP1 Sandy beds	TP2 Clay Shale &c	TP3 Gravel & Conglomerate (Coarse)	Lower Silurian	C1 Sandstone	C2 Slates, Phylites & Mudstones	C3 Conglomerate	Upper Volcanic (Pliocene)	V1 Basalt Diorite	V2 Andesite	V3 Lava	V4 Ash Conglomerate Breccia &c
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Scale - Two Inches to a Mile.

Locality and mark of Specimen in the Museum (N^o 10)

Volcanic hills and Points of eruption

Quartz Reef

Dyke Dykes

Synclinal line

District Boundary

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 irregularly cut through & redistributed by existing river action during floods forming Alluvial A. 1. 2. 3. Recent Gold drifts.

12 SE