

1/2 Mile Cross Line

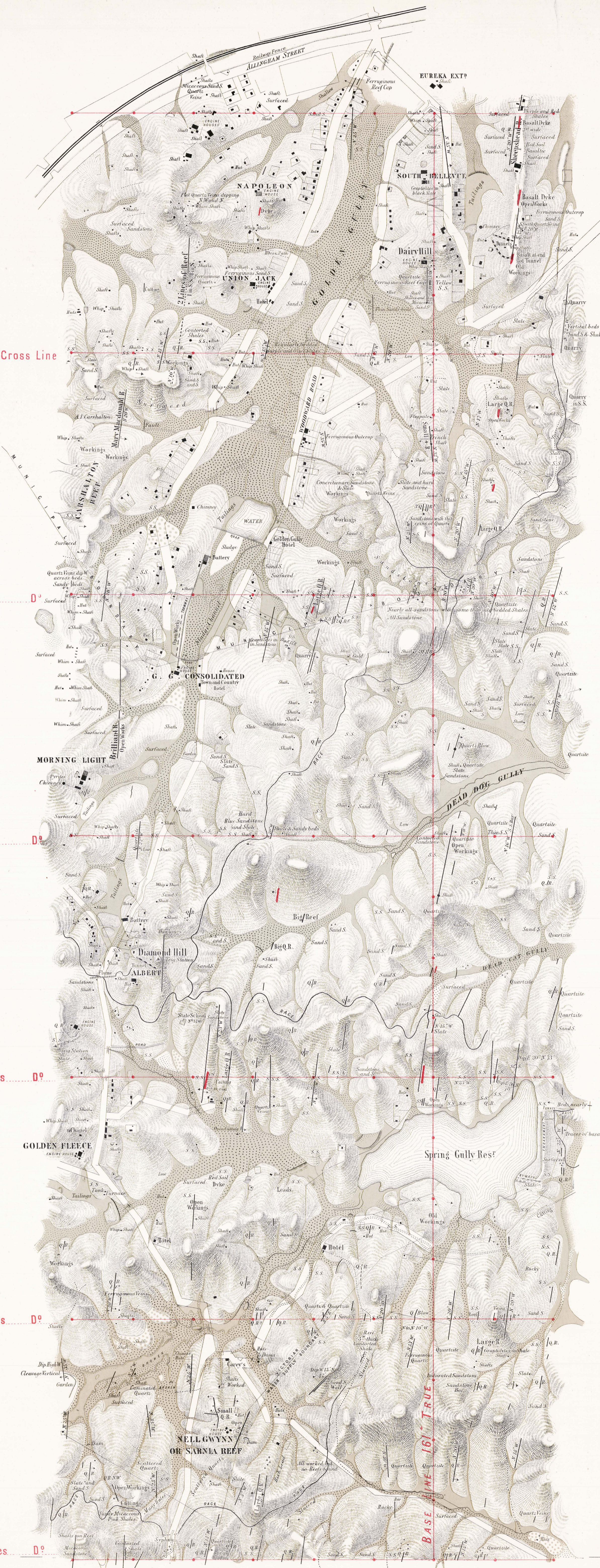
1 Mile

1 1/2 Miles

2 Miles

2 1/2 Miles

3 Miles

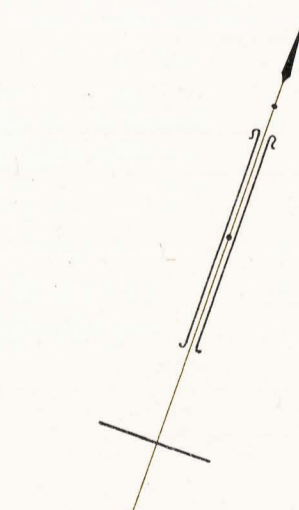


PLAN
SHOWING
OUTCROPS OF REEFS
ON
Supposed Extension South
OF THE
NEW CHUM LINE OF REEF,
FROM THE
EUREKA EXTENDED COMPANY'S GROUND.

SCALE: 8 chains to 1 inch.

NOTES.

- At 1 chain on base line—Outcrop of nearly vertical ferruginous sandstone, intersected with quartz veins; probably a reef top. Dip 80°.
- At 40 chains on base line—Reef 1 foot thick in shale. Dip 80°.
- At 80 chains on base line—Sandstone bar—width 10 chains, with a few thin shale beds.
- At 90 chains on base line—Sandstone bar, strike N. 15° W. (in road).
- At 100 chains on base line—The reef—100 chains of 12 chains wide, largely worked, at 10 chains, 2 to 3 feet thick, narrowing to 1 foot at 1 chain N. and to nothing at 2 chains; a vertical leader of ferruginous quartz comes in at right angles from the E. and has been driven on; to the E. there is a large line of quartz, and still further are numerous British leadors, outcrop across the bedding at right angles and dipping W. The country is consequently sandstone and sandy shale, striking N. 30° W. and dipping E. at a high angle.
- At 120 chains on base line and 2 chains E.—Reef worked from surface in yellow sandstone, on nearly vertical underlay, for 8 or 7 chains; quartzite on W. strike N. 15° to 18° W., dip E. Parallel reef 14 chains to the E., apparently a brown sandstone bar, 1 foot thick, largely worked; seems to come in nearly flat and then dip (probably the E. reef).
- At 150 chains on base line, 1 chain W.—Large reef dipping W. 1 foot to a foot thick. At N. and strike S. 30° W., going S. to S. 60° W., and further S. on alling S. 30° W., to sandstone E.
- At 160 chains on base line, 3 chains W.—Open cutting showing a clay dip 1 foot thick, not continuous to the S., in base occupies a granitic shale. The sandstone to the W. is intersected by a network of quartz veins, which seem to have been gold-bearing, and further W. a reef has been quarried out of an open cutting.
- On 1 mile cross line, 6 chains E. of base—Reef 1 foot thick, in vertical joint shales.
- On 1 mile cross line, 20 chains W. of base and 1/2 chains S.—Dip shaft on supposed New Chum line. Dense dark grey sandstone, blue shale, and hard basaltic dip.
- On 1 1/2 mile cross line, 3 chains E. of base—Reef with dense dark grey sandstone on footwall, with horizontal quartz veins.
- Looking N. Looking W.
- On 1 1/2 mile cross line, 10 chains E. of base—Micaceous and ferruginous sandstone and grit with quartz veins.
- On 1 1/2 mile cross line, 10 chains W. of base—Sandstone with thin shale bands, contorted shales to W.
- On 1 1/2 mile cross line, 20 chains W. and 10 chains S.—Open cut. Clay dip dipping W.; quartz veins dip E.; strike S. 30° W.
- In road cutting S.E. of Spring Gully lagoon—Concretionary sandstone and thin beds of shale.
- At 11 chains W. of base and 3 chains S. of 1 1/2 mile cross line—Soft ferruginous sandstone and ferruginous quartz reef, both dip W. reef has been quarried out of an open cutting.
- At quarry at North Golden Reef (Spring Gully line)—Reef on surface at dip W., but really dip E. Large reef 6 feet thick at junction of the shaft and sandstone. To the W. in the sandstone, are horizontal quartz veins dipping N., and further W. another large reef.
- Golden Fleece headstone—Pyrites and nodular sandy shale.
- On 2 1/2 mile cross line, 4 chains W. of base and 9 chains S.—Large reef S. 15° W. ferruginous quartz; supposed to be the Golden Reef line, but more likely the Sheppard's. "Should" be true.
- At Napoleon Company's mine—Quartz associated with albite and calciferous. Heavy basaltic dip with pyrites on joints.
- On 2 mile cross line, 30 chains W. of base—British and Foreign reef. Ends dip E. and W., clay dip dip E.



3 1/2 Miles D°

4 Miles D°

4 1/2 Miles D°

5 Miles D°

5 1/2 Miles D°

6 Miles D°

