



ROMAWI-1.

WELL ELEMENTARY

ROMAWI-1

(W416A)

W416A

PARISH OF COMMERALGHIP—continued.

Bore 124. 123

Position.—From Bore 123, 112 links south-east. Surface level, 4 feet lower than Bore 123.

At 0'—surface soil; 1'—black clay; 3'—yellow clay; 15'—grey sandy clay; 17'—angular gravel; 18'—decomposed basalt; 43'—red clay; 46'—clay dark, mottled; 52'—black sandy clay; 60'—fine gravel and sand; 65'—bedrock; depth of bore 67 feet. Four fine colours of gold. Brackish water struck at 30 feet.

Bore 125. 124

Position.—From Bore 124, 154 links east. Surface level 6 feet lower than Bore 124.

At 0'—soil; 1'—grey clay; 14'—yellow sandy clay; 18'—blue basaltic clay; 20'—mottled clay; 22'—bedrock; depth of bore 25 feet. Brackish water struck at 18 feet, standing at 9 feet on completion of bore.

Bore 126. 125

Position.—From Bore 125, 106 links west. Surface level, 1 ft. 6 in. higher than Bore 125.

At 0'—soil; 1'—grey clay; 8'—clay, yellow, sandy; 17'—decomposed basalt; 43'—red clay; 46'—clay, grey, sandy; 54'—sand and gravel; 58'—bedrock; depth of bore 60 feet. Brackish water struck at 20 feet, standing at 9 feet on completion of bore. One fine colour of gold.

Bore 127. 126

Position.—From Bore 126, 54 links east.

At 0'—surface soil; 1'—grey clay; 9'—yellow clay; 17'—sandy mottled clay; 19'—decomposed basalt; 36'—sandy mottled clay; 41'—bedrock; depth of bore 43 feet. Brackish water struck at 18 feet, standing at 9 feet on completion of bore.

PARISH OF EMBERTON.

Bore 1.

(In progress.)

PARISH OF GOON NURE.

Romawi-1. Bore 2

Position.—From the north-west corner of allotment 3, section 21, 5½ chains bearing 16° east of south. ("Romawi," approximately 12 miles south of Bairnsdale.) Surface level, 100 feet (approx.).

The following formations were encountered commencing at the depths mentioned:—

At 0'—surface soil; 15'—sandy clay; 69'—clay; 116'—reddish sand; 124'—clay; 134'—sand and clay; 200'—sandy clay; 211'—sand and gravel; 235'—clay; 247'—sand and gravel; 288'—clay and gravel; 299'—sandy clay; 322'—sandy clay; 373'—brown and yellow clay; 395'—brown sandy marl; 497'—sandy marl with hard bands; 569'—limestone; 574'—marl; 605'—green sandy marl, with hard bands; 705'—limestone; 851'—marl; 1,167'—limestone with hard bands; 1,168'—marl; 1,410'—limestone; 1,411'—marl; 1,425'—limestone; 1,426'—marl; 1,451'—limestone; 1,452'—marl; 1,470'—shelly marl; 1,625'—soft marl; 1,725'—marl with limestone bands; 1,770'—hard limestone; 1,773'—marl with limestone bands; 1,782'—hard limestone; 1,783'—marl; 1,784'—hard limestone; 1,785'—marl with limestone bands; 2,178'—marl, brown, tough; 2,192'—marl with hard limestone bands; 2,243'—brown marl; 2,253'

PARISH OF GOON NURE—continued.

—marl with bands of hard limestone; 2,268'—marl; 2,275'—hard limestone; 2,280'—marl; 2,484'—green glauconitic conglomerate, with iron pyrites and brown marl; 2,508'—bluish-grey marl; 2,526'—friable marl; 2,545'—marl hard, shelly; 2,546'—soft marl; 2,579'—cemented lignitiferous sand with pyrites; 2,623'—fine white sand; 2,632'—cemented lignitiferous sand; 2,733'—hard brown sand; 2,740'—cemented lignitiferous sand; 2,790'—cemented lignitiferous clay; 2,825'—clay; 2,830'—brown coal; 2,832'—clay with streaks of brown coal; 2,844'—clay; 2,854'—sand; 2,880'—clay; 2,888'—coarse sand; 2,920'—sand and boulders; 2,930'—clay with bands of sand; 2,947'—lignitiferous clay; 2,975'—lignitiferous sand; 2,993'—blue clay; 3,019'—cemented sand; 3,020'—clay; 3,069'—brown sandy lignitiferous clay; 3,078'—bluish clay; 3,158'—cemented sand; 3,198'—sandstone; depth of bore 3,246 feet.

The Commonwealth Palaeontologist reports the following sequence:—

Upper Pliocene to Pleistocene, 100' to 397'; Lower Pliocene (Kalimnan) at 500'; Middle Miocene, 610' to 1,135'; Lower Miocene, 1,235' to 1,846'; Upper Oligocene, 1,960' to 2,580'; Lower Oligocene, 2,632' to 3,125'; Jurassic, 3,158' to 3,244' 6".

PARISH OF LAURISTON.

For Bores prior to No. 18, see Annual Reports 1889, 1890, 1891; 18 to 28, Annual Report 1915, page 19.

Bore 20. 33

Position.—In old shaft of the Campaspe Deep Leads Company, approximately 5 chains south from the northern corner of allotment 176. (Half a mile south-east of Redesdale Junction.)

The following formations were encountered, commencing at the depths mentioned:—

Depth of shaft 318'.

At 0'—hard basalt; 9'—basalt with soft bands; 16'—gravel and wash; 20' 6"—bedrock (glacial tillite); depth of bore 29 feet. Sample was washed for gold content and .25 of a gram obtained. From a 4-in. bore, this gives a value of about 5 dwt. per fathom.

PARISH OF WY YUNG.

Bore 1.

Position.—From the south-west corner of allotment 60 section 3, 3 chains east, thence 1 chain north. (About 3 miles north of Bairnsdale.) Surface level, 220 feet (approx.).

The following formations were encountered commencing at the depths mentioned:—

At 0'—sandy loam; 1' 6"—sand; 4'—sandy clay; 8'—sand; 285'—lignite; 286'—sand; 290'—lignite; 294'—sand; 316'—brown coal; 317'—ligneous sand; 322'—brown coal; 323' 6"—ligneous sand; depth of bore 330 feet. Water struck at 198 feet.

Bore 2.

Position.—From Bore 1, 2,714 links east. (About 3 miles north of Bairnsdale.) Surface level, 125 feet (approx.).

At 0'—sand; 9'—cemented sand; 11'—sand and sandy clay; 146'—ligneous sand; 151'—fine sand; 269'—brown coal; 273'—ligneous clay; 282'—fine ligneous sand; 301'—ligneous clay; 310'—fine sand; depth of bore 312 feet. Water struck at 119 feet, standing at 114 feet on completion of bore.