GENERAL.

Office, draughting, and field staffs have been kept very busy during the past year, and a considerable amount of engineering and section surveys have also been made. The attached plan shows the present position of operations, and no effort is being spared to give effect to the Government's policy of making swamp lands available.

My thanks are due to Mr. R. G. Macmorran, Assistant Land Drainage Engineer, who is in local charge, and to Mr. H. A. Joyce and all other members of the drainage staff, who have worked so hard and loyally to ensure success of all operations.

I have, &c.,
J. B. THOMPSON,
Land Drainage Engineer

The Under-Secretary, Department of Lands and Survey.

APPENDIX.

ARTESIAN BORE NO. 60: SECTION 1, BLOCK II, WAIHOU. (MR. WHITE.)

Depth in Feet.	Details.	Depth in Feet.	Details.
69	69 ft. clay.	163	17 ft. pumice sand.
73	4 ft. rotten timber.	166	3 ft. rotten timber.
88	15 ft. sand.	180	14 ft. pumice sand.
102	14 ft. rotten timber.	185	5 ft. clay.
137	35 ft. pumice sand	195	10 ft. sand.
146	9 ft. rotten timber.	201	6 ft. rotten timber.

Total depth, 201 ft. Flow, 9,600 gallons per day.

ARTESIAN BORE NO. 61: SECTION 2, BLOCK II, WAIHOU SURVEY DISTRICT. (CRAWFORD BROS.)

Depth in Feet.	Details.	Depth in Feet.	Details.
56	56 ft. clay.	139	10 ft. pumice sand.
61	5 ft. sand.	141	2 ft. rotten timber.
74	13 ft. clay.	153	12 ft. pumice sand.
82	8 ft. drift sand.	158	5 ft. clay.
90	8 ft. rotten timber.	177	19 ft. pumice sand.
98	8 ft. white clay.	180	3 ft. rotten timber.
108	10 ft. pumice sand.	209	29 ft. pumice sand.
110	2 ft. rotten timber.	221	12 ft. rotten timber.
126	16 ft. pumice sand.	261	40 ft. pumice sand.
129	3 ft. rotten timber.		

Total depth, 261 ft. Flow, 4,800 gallons per day.

ARTESIAN BORE NO. 62: SECTION 1, BLOCK XI, THAMES. (MR. HIGGINS.)

Depth in Feet.	Details.	Depth in Feet.	Details.
110	110 ft. clay.	223	2 ft. rotten timber.
122	12 ft. drift sand.	245	22 ft. pumice sand.
150	28 ft. shingle.	247	2 ft. rotten timber.
158	8 ft. clay.	288	41 ft. sandstone.
173	15 ft. pumice sand.	298	10 ft. rotten timber.
175	2 ft. rotten timber.	302	4 ft. pumice sand.
191	16 ft. pumice sand.	307	5 ft. rotten timber.
195	4 ft. clay.	318	11 ft. pumice sand.
203	8 ft. pumice sand.	323	5 ft. rotten timber.
205	2 ft. rotten timber.	337	14 ft. pumice sand.
213	8 ft. drift sand.	340	3 ft. clay.
218	5 ft. rotten timber.	350	10 ft. black sand.
221	3 ft. shingle.		

Total depth, 350 ft. No flow obtained.

ARTESIAN BORE NO. 63: SECTION 1, BLOCK XI, THAMES. (MR. HIGGINS.)

Depth in Feet.	Details.	Depth in Feet.	Details.
133	133 ft. clay.	333	4 ft. rotten timber.
137	4 ft. rotten timber.	334	1 ft. rock.
148	11 ft. clay.	338	4 ft. rotten timber.
161	13 ft. sand.	355	17 ft. clay.
163	2 ft. rotten timber.	357	2 ft. shingle.
180	17 ft. clay.	385	28 ft. pumice sand.
225	45 ft. drift sand.	398	11 ft. clay.
228	3 ft. rotten timber.	414	16 ft. pumice sand.
245	17 ft. pumice sand.	416	2 ft. rotten timber.
247	2 ft. rotten timber.	427	11 ft. pumice sand.
266	19 ft. clay.	432	5 ft. rotten timber.
269	3 ft. rotten timber.	467	35 ft. pumice sand.
275	6 ft. sand.	472	5 ft. clay.
280	5 ft. shingle.	487	15 ft. pumice sand.
296	16 ft. sand.	495	8 ft. clay.
301	5 ft. rotten timber.	499	4 ft. rotten timber.
329	28 ft. pumice sand.	520	21 ft. pumice sand.

Total depth, 520 ft. Flow, 17,280 gallons per day.