

TABLE 5. MECHANICAL ANALYSES.
(Results, except R 970, are percentages on air-dried soil.)

Laboratory No.	Description of Soil. (Classification of United States Department of Agriculture, modified.)	Analysis of "Fine Earth" passing 2 mm. Sieve.							Loss on Ignition.	Stones and Gravel.	Remarks
		Fine Gravel.	Coarse Sand.	Fine Sand.	Silt.	Fine Silt.	Clay.	Moisture.			
<i>Coarsest Pumice Lands.</i>											
R 1105	Fine gravelly sand	26.0	38.3	11.1	8.6	3.9	1.2	1.6	8.4	8.6	Pasture, Kaharoa Road; 200 ft. above Lake Rotorua.
1108	"	20.6	46.1	9.0	6.9	5.0	1.1	1.5	10.3	7.2	Pasture, Glenmore, Kaharoa Road 130 ft. above Lake Rotorua.
1114	Coarse sand	13.7	52.6	11.2	8.6	4.7	1.3	1.0	6.7	5.1	Pasture, Kaharoa Road.
1117	Fine gravelly sand	20.3	44.0	11.8	9.9	3.6	1.2	1.3	7.5	3.1	Pasture, Kapakapa Road; terrace, 400 ft.
1121	"	17.9	52.1	9.3	7.8	4.4	0.6	1.1	6.4	5.1	Pasture, Kapakapa Road; 150 ft.
1134	Coarse sand	11.9	48.4	13.7	9.7	5.4	1.4	1.9	7.7	13.0	Lake Roteti, fern slopes; 105 ft.
1136	"	2.9	55.4	15.5	10.7	6.4	1.9	0.9	6.5	3.1	Pasture, flat-topped ridge, Lake Roteti; 100 ft.
1143	Fine gravelly sand	23.7	39.0	10.7	8.2	7.7	0.8	1.2	8.6	5.0	Forest, Mangarewa-Kaharoa Gorge; little birch.
1145	"	19.6	33.0	13.2	12.3	7.1	2.2	2.4	10.6	15.0	Fern land, Kaharoa - Te Pu Road.
973	"	26.9	33.7	13.5	8.9	4.7	0.8	2.4	8.0	15.4	Scrub land: 625 ft. above Lake Rotorua.
976	"	19.8	38.8	14.9	8.4	5.3	0.8	1.0	9.1	13.6	Forest, rimu-tawa-maugeao.
970	"	21.2	32.7	15.9	9.9	4.9	0.1	1.7	11.9	19.0	Fern and scrub regrowth, Hamurana; 300 ft. above lake.
S 61	Coarse sand	12.6	32.0	12.5	9.3	4.6	1.7	23.3	5.7	..	Pasture, Rotorua Lake side; probably floated beach.
H 480	Fine gravelly sand	16.8	45.6	17.9	8.3	2.3	1.2	3.5	4.1	20.0	Pasture, Rotorua Lake side; probably floated beach.
482	"	17.6	41.7	12.8	15.0	3.5	1.2	1.3	6.8	24.1	Waerenga East.

Mechanical analyses by R. E. Grimmett.