

SOIL II.—RED EARTH.

Soluble in dilute acetic acid, (1 to 4.)	{ Hygroscopic water.....	23·200
	{ Organic substance.....	13·000
	{ Silicic acid.....	0·124
	{ Sesquioxide of iron.....	0·036
	{ Alumina.....	0·082
	{ Lime.....	7·840
	{ Magnesia.....	0·155
	{ Carbonic acid.....	6·750
	{ Sulphuric acid.....	0·031
	{ Chlorine.....
Soluble in strong hydrochloric acid.	{ Sand.....	31·640
	{ Alumina.....	7·368
	{ Sesquioxide of iron.....	9·964
	{ Lime.....
	{ Magnesia.....	0·169
	{ Potash.....	0·088
	{ Soda.....	0·026
	{ Phosphoric acid (estimated in nitric acid solution).....	0·530
		<hr/> 100·003

SOIL III.

Soluble in dilute acetic acid.	{ Hygroscopic water.....	6·930
	{ Organic substance.....	14·910
	{ Silicic acid.....	0·034
	{ Sesquioxide of iron.....	0·332
	{ Alumina.....	0·110
	{ Lime.....	1·146
	{ Magnesia.....	0·091
	{ Carbonic acid.....	0·767
	{ Sulphuric acid.....	0·060
	{ Chlorine.....	0·042
Soluble in strong hydrochloric acid.	{ Sand.....	20·100
	{ Alumina.....	22·790
	{ Sesquioxide of iron.....	28·318
	{ Lime.....	2·188
	{ Magnesia.....
	{ Potash.....	0·155
	{ Soda.....	0·055
	{ Phosphoric acid (estimated in nitric acid solution).....	0·620
		<hr/> 98·648