

Soil porosity (%) of three kind of soils

Soil types	Sample 1	Sample 2	Sample 3	AVE
Black soil	53.83	52.97	51.49	52.76
Meadow soil	53.25	52.47	52.74	52.82
chernozem	53.44	52.70	53.53	53.22



DAIKI Location Manager - Data Detail View

No.	A064	Date	20.11.15 12:53:47	GPS	E 000.00 0000 N 00 00 0000	Get GPS	Calculation	Close	Print
Total Volume	Vt 100	Actual Volume	V 78.42				Input St	Input Wt	
Total Weight	W 152.72	(Gross Weight)	227.22	-Sampling Tube Weight	74.50)				
Solid Weight	S 121.28	(Gross Solid Weight)	195.78	-Sampling Tube Weight	74.50)				
True Density	d 2.58	Input the True Density		Moisture Weight	M 31.44				
Air Volume	Va 21.58	Air Ratio	A 21.58						
Solid Volume	Vs 47.03	Solid Ratio	Sv 47.03						
Liquid Volume	VL 31.39	Moisture Ratio	MV 31.39						
Total Pore Space	p 52.97	Porosity	P 52.97	Void Ratio	1.13				
Saturation	H 59.26	Unfilled percentage	U 40.74	Water-Solid Ratio	0.67				
Solid Moisture percentage by dried base			Mo 25.92						
Solid Moisture percentage by wetted base			Mm 20.59						
Note	<input type="text"/> < >				LinkAdd	LinkOpen	LinkDelete		
LinkFile									

Unfrozen water contents and ice contents of the soil samples

Soil types	Unfrozen water contents (cm ³ /cm ³)		Ice contents (cm ³ /cm ³)	
	-5°C	-10°C	-5°C	-10°C
Black soil	0.123	0.101	0.159	0.179
Meadow soil	0.128	0.109	0.145	0.167
chernozem	0.119	0.097	0.151	0.185

