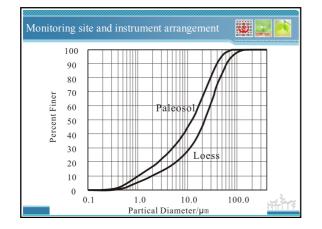
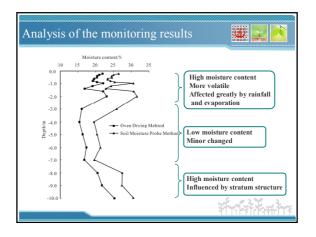


nitoring site and instrument arrangement		
Physical and mechanical indexes	Loess	Paleosol
Bulk density(g/cm ³⁾	1.44	1.64
Dry density(g/cm ³)	1.24	1.35
Moisture content(%)	16.3	21.9
Saturated moisture content (%)	43.6	37.2
Specific gravity	2.70	2.71
Void ratio	1.177	1.007
Plastic limit(%)	21.7	21.3
Liquid limit(%)	29.4	31.6
Compressibility coefficient(MPa-1)	0.82	0.62
Coefficient of collapsibility	0.079	0.043
Vertical coefficient of permeability (m/s)	2.55×10 ⁻⁶	5.36×10-8
Horizontal coefficient of permeability (m/s)	1.72×10 ⁻⁶	2.12×10 ⁻⁸
Clay content(≤2 µ m;%)	17.9	29.6





Analysis of the monitoring results			
Temperature Temperature Difference Evaporation Rainfall			
Moisture content of different depth			

