

631.4

... , 13, 43025, ... ,

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... [10].

... (... , - ... , - ...) .

... [9].

... [16].

... [13].

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[2, 18]. ...

... USDA/FAO [4].

[1, 2].

... [7, 11, 12].

... [8, 15].

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[5, 6].

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90 %

(...)

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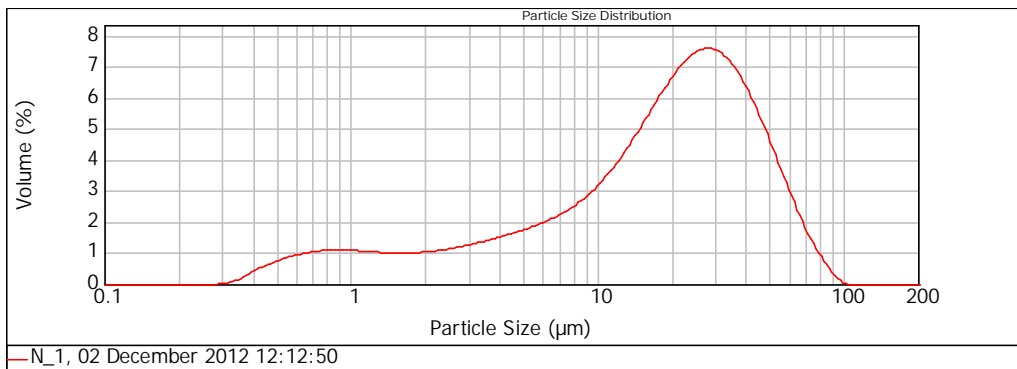
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SALD-201V SHIMADZU (),
 Mastersizer 2000 (Malvern Instruments, UK).
 350 0,25 (0,35 0,00025) [1].
 .2,
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 Mastersizer 2000 (Malvern Instruments, UK) (.).
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.2.

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 1,8 20,7 [12].
 , CIS-100 [12].
 (SIA) () (DIA). SIA

(SEM), (TEM) ², -

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STIMAN (STIMAN),

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TEM SEM [6].

(Scanning Probe

Microscopy (SPM)), (). ;

SPM [11].

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“ ” (142), , -

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17.06.2013

MODERN METHODS OF GRAIN SIZE DISTRIBUTION OF SOILS

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Grain size distribution of soil determines much of water and physical properties of the soil mass. However, it defines ecological functions and morphological memory of soils in the study of their genesis, evolution and use. This article describes the main methods of particle size analysis and suggests the modern methods used increasingly in the research in soil science, geology, chemical, pharmaceutical and other industries.

Key words: particle size distribution of soil, sedimentograph, laser diffraction.