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1. Form
  2. Sphericity
  3. Roundness
  4. Surface Texture

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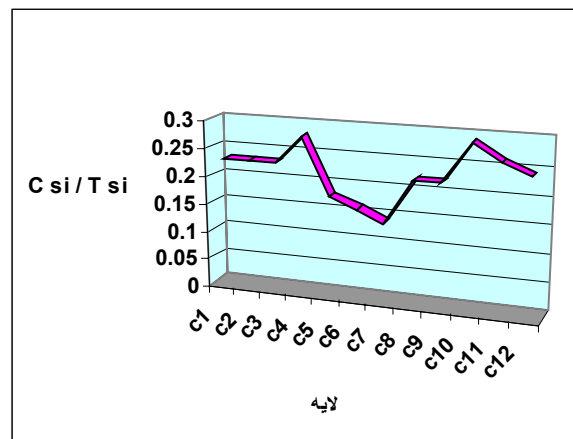
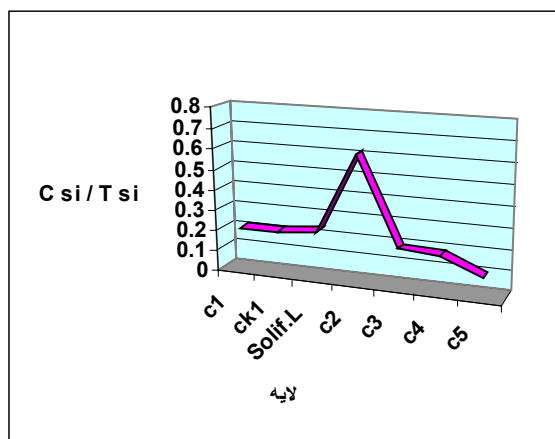
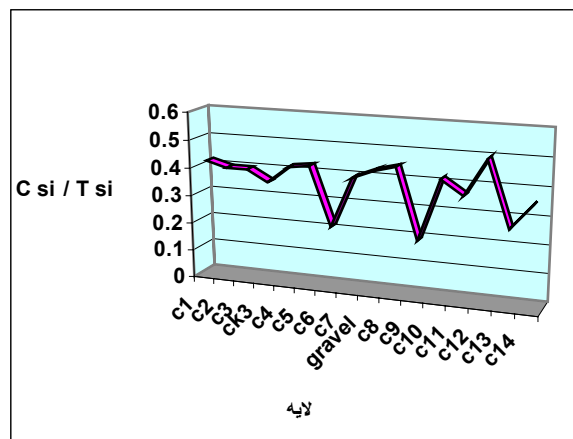
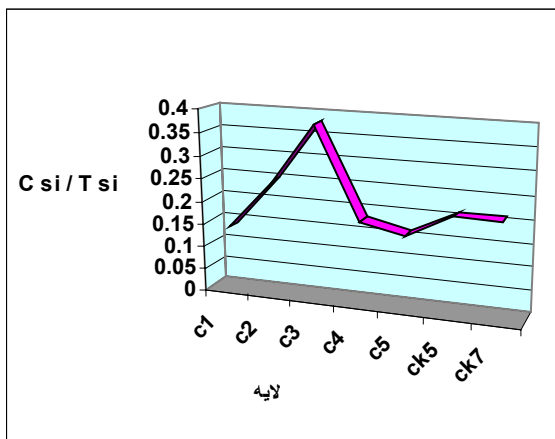
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	(cm)	( )	pH	(dS/m) ECe	(%) SP	(%)	(%)	SAR
CK		YR /	/	/	/	/	/	/
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Solif.L		YR /	/	/	/	/	/	/
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1.Solif.L - Solifluction Layer



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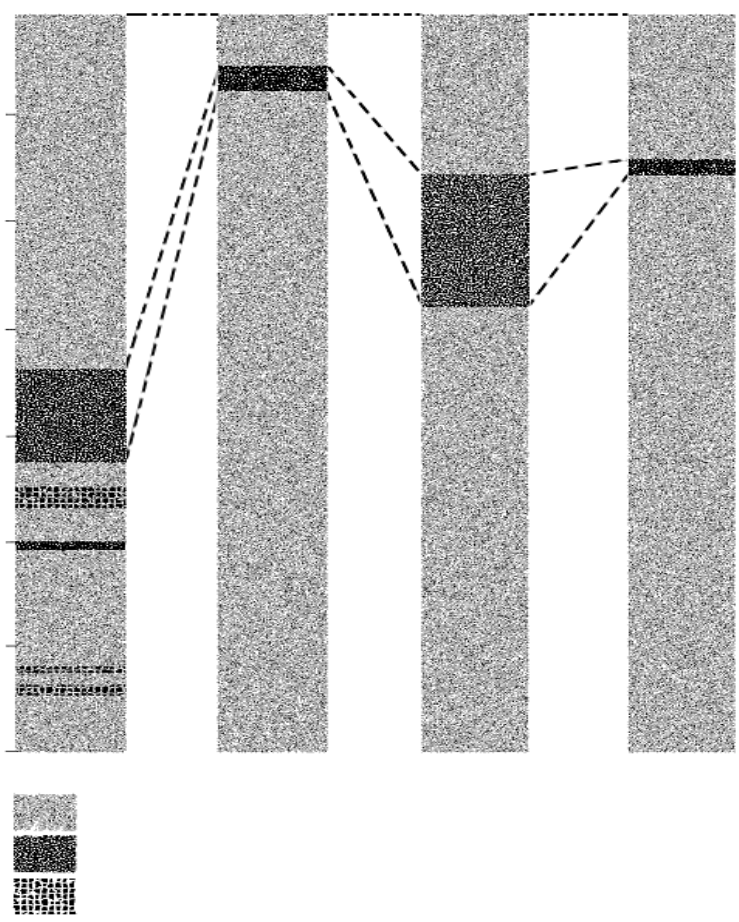
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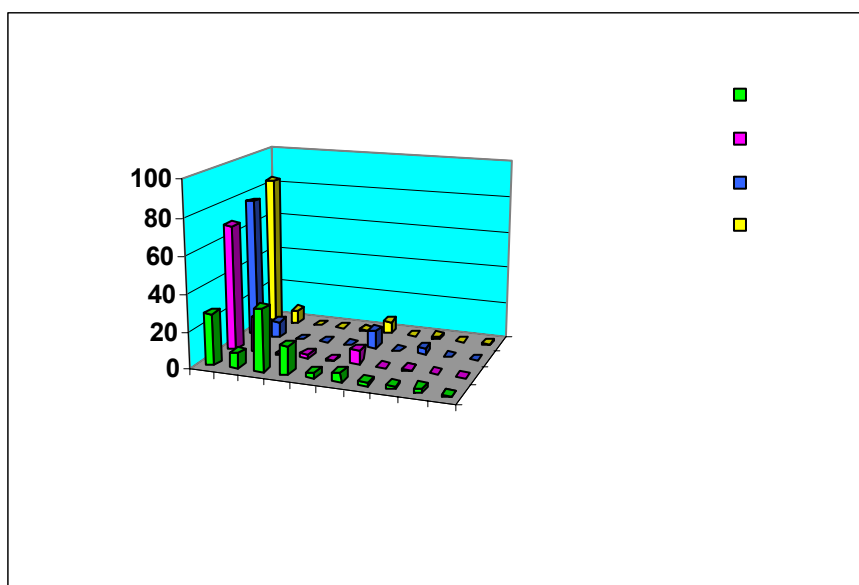
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1- Stratigraphy





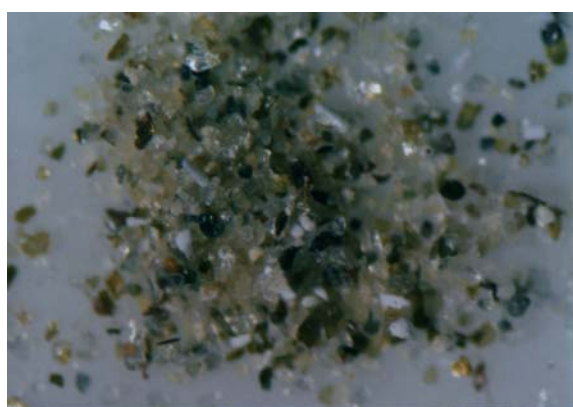
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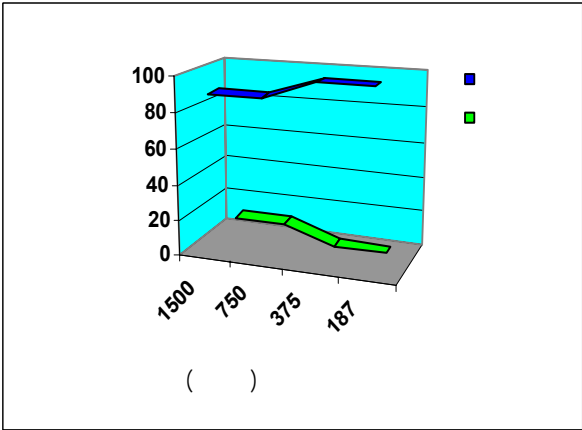
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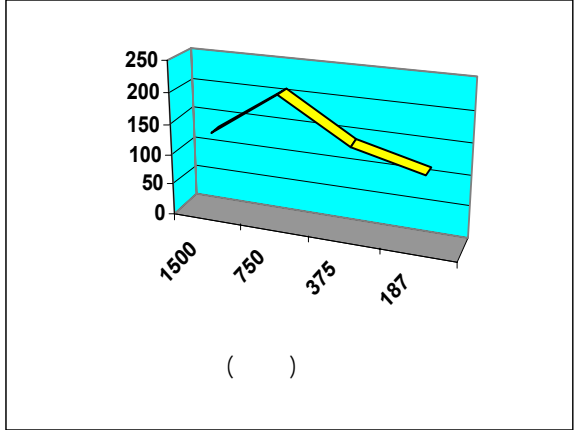
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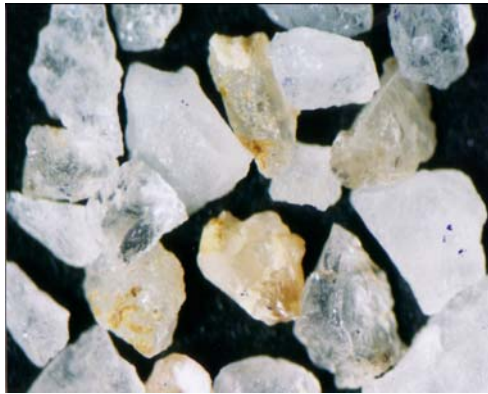


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## REFERENCES

9. Bui, E.N., J.M. Mazzullo, & L.P. Wilding. 1989. Using quartz grain size and shape analysis to distinguish between Aeolian and fluvial deposits in the Dallol Bosso of Niger ( west Africa ). *Earth Surface Processes and Landforms*. 14:157-166.
10. Ehrlich, R., P.J. Brown, J.M. Yarus, & R.S. Przygocki. 1980. The origin of shape frequency distributions and the relationship between size and shape. *Sedimentary Petrology*. 50(2) : 475-486.
11. Khalaf, F. I., & I.M. Gharib. 1985. Roundness parameters of quartz grains of recent Aeolian sand deposits in Kuwait. *Sediment. Geol.*45:147-158.
12. Mason, J.A., & E.A. Nater. 1994. Soil morphology-Peoria loess grain size relationship, southeastern Minnesota. *Soil Sci. Soc. Am. J.* 58:432-439.
13. Mazzullo, J., D. Sims, & D. Cunningham. 1986. The effects of eolian sorting and abrasion upon the shapes of fine quartz sand grains. *Sedimentary Petrology*. 56(1):45-56.
14. Nemezc, E., M. Pecs, Z. Hartyani, & T. Horvath. 2000. The origin of the silt size quartz grains and minerals in loess. *Quaternary International*. 68:199-208.
15. Powers, M.C. 1953. A new roundness Scale for sedimentary particles. *Sedimentary Petrology*. 23:117-119.
16. Sajgalik, J., & A. Klukanova. 1994. Formation of loess. *Quaternary Science Reviews*. 14:653-667.
17. Youbin, S., L. Huayu, & A. Zhisheng. 2000. Grain size distribution of Quartz isolated from Chinese loess / paleosol. *Chinese Science Bulletin*. 45(24) : 2269-2298.
18. Yunsheng, W. 1960. Discussion on genesis of loess by mineralogy and structure of loess. *Geology*. 40(1): 10-21.