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| **Environmental Enlightenment #132** By Ami Adini - Reissued February 19, 2015   |  | | --- | | This is a SHORT, LIGHT and SIMPLE newsletter. Its purpose is to rekindle in the initiated terminology they have once learned, and enlighten the uninitiated on terms they may have heard but never knew the meaning of. | | **Stratigraphy**  Investigations of contamination in the subsurface environment must deal with the various soil and rock structures that make this environment. In our reports, one may run into a term called “*stratigraphy.”*We use this term to describe the sequence or order of rock or soil layers in a geologic formation.   |  |  | | --- | --- | | http://amiadini.com/NewsletterArchive/150219-NL132/envEnl-132_clip_image002.jpg | http://amiadini.com/NewsletterArchive/150219-NL132/envEnl-132_clip_image004.jpg |   *Stratum* in Latin means *horizontal layer,* and s*trata* is plural of s*tratum.* These horizontal layers have been formed by deposits in the beds of rivers, lakes and seas. As the diagrams below depict, the layers may not be uniform in length, do not always stay horizontal and get cut and shifted up and down. Changes in the thickness of the layers and the sudden vertical shifts sometimes occur within short distances in the investigated sites.  http://amiadini.com/NewsletterArchive/150219-NL132/envEnl-132_clip_image006.jpg   |  |  | | --- | --- | | http://amiadini.com/NewsletterArchive/150219-NL132/envEnl-132_clip_image007.jpg | http://amiadini.com/NewsletterArchive/150219-NL132/envEnl-132_clip_image009.jpg | | | You can find past issues of our "Environmental Enlightenment" at [amiadini.com](http://www.amiadini.com/)Wealth of information about environmental site assessments in the real estate transactions and issues concerning assessment and cleanup of contamination in the subsurface soil and groundwater. |  |  | | --- | | Call me if you have any questions. There are **no obligations.**  Ami Adini Environmental Services, Inc. Environmental Consultants & General Engineering Contractors California Lic. #1009513 A B HAZ ASB **818-824-8102**; [**mail@amiadini.com**](mailto:mail@amiadini.com) [www.amiadini.com](http://amiadini.com/)  Ami Adini is a veteran environmental practitioner with over 40 years of experience. He carries a Bachelor of Science degree (B.Sc.) in Mechanical Engineering including academic credits in Nuclear and Chemical Engineering and postgraduate education in these fields. His career includes design and construction of nuclear plant facilities, chemical processing plants and hazardous wastewater treatment systems. He is a former California Registered Environmental Assessor Levels I & II in the 1988-2012 registry that certified environmental professionals in the assessment and remediation of environmentally impacted land, and a Registered Environmental Professional (REP) since 1989 with the National Registry of Environmental Professionals (NREP). He is a California Business & Professions Code Qualifying Responsible Managing Officer (RMO) in the General Engineering Contractor classification with Hazardous Substance Removal and Asbestos certifications, and president of AMI ADINI ENVIRONMENTAL SERVICES, INC. (AAES), a general engineering contractor and consulting firm specializing in environmental site assessments, rehabilitation of contaminated sites and removal of environmental risks from real-estate transactions. (Contact Ami for a complete resume.) **AAES provides practical solutions to environmental concerns using the highest standards of ethics and integrity while providing its clients with maximum return on their investments.** | |