



Rock types

- Anhydrite
- ▶ Basalt
- Chalk
- ▼ Clay
 - Clay, high plasticity
 - Clay, inorganic
 - Clay, kaolinite
 - Clay, organic
 - Clay, sandy
- ▶ Coal
- ▶ Dolomite
- ▶ Gabbro
- Gneiss
- ▶ Granite
- ▶ Gravel
- ▶ Limestone
- Loam
- Loess
- ▶ Marl
- Peat
- Peridotite

Clay, all families

Aggregate of hydrous silicate particles less than 2 micrometres in diameter.

[Wikipedia](#)



Available measurements

Only parameters with existing measurements for the selected criteria are shown.
Use the menus below to restrict the displayed measurements.

Measurement scale :

Measurement quality :

Fracturation degree :

Value :

Meas. technique :

Interpretation method :

parameter	# of measurements	view data	
α_L longitudinal dispersivity	14	raw data	statistics
n_e effective porosity	40	raw data	statistics
K hydraulic conductivity	45	raw data	statistics
k permeability	24	raw data	statistics



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- Submit new data**



Submit new data

1. site

2. source

3. measurements

4. summary

Please review your input submission below. Further edits can be made by clicking the pencil icon.

site : Almena Soil Series, Wisconsin, USA

latitude : 45.417 *longitude :* -92.033 [view map](#)

source : *title :* Review of Dispersivities for Transport Modeling in Soils

authors : Vanderborght J. and H. Verrecken

publisher : Vadose Zone Journal. Vol. 6, January

pages : 29-52 *year :* 2007 10.1007/s100400100127

samples and measurements :

S#	rock type	fract. degree	scale	comment		
▼ 01	Clay, sandy	medium	macro	Slug test		
	M#	measured parameter	value ± error	quality	experiment type	interpretation method
	01	permeability	3e10 ± 5e2 m ²	medium	Slug test	Slug test
	02	transversal dispersivity	5.47e9 ± 2e3 m	high	Recovery test	Leaky
► 02	Chalk	medium	mega	Mari band occur within the chalk		

Save and next