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Hydrogeology • Mineral Resources Waste Management • Geological Engineering • Mine Hydrology

May 6, 1986
Contract No. NRC-02-85-008
Fin No. D-1020
Communication No. 55

Mr. Jeff Pohle
Division of Waste Management
Mail Stop 623-SS
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

RE: SALT

Dear Jeff:

I am enclosing a corrected table for our Salt conceptual model letter. The corrected table has been inserted in all copies except yours. Please replace this table in your copy.

Sincerely,

Jeff Brown/sl

Jeffrey Brown

JB:sl

enclosure: Table 1

Table 1. Hydraulic conductivity values of selected units, Palo Duro Basin, Texas.

Unit	Hydraulic Conductivity (m/day)	Remarks	Source
Ogallala	8.15		Simpkins and Fogg, 1982
Dockum	0.82		Simpkins and Fogg, 1982
Blaine	3.05		Simpkins and Fogg, 1982
San Andres Unit #4	3.05		Simpkins and Fogg, 1982
Flowerpot and Quartermaster	823		Simpkins and Fogg, 1982
Whitehorse	0.92		Simpkins and Fogg, 1982
Main Aquitard Sequence	8.15×10^{-8}		Bassett and others, 1981
San Andres Unit #4	0.4-0.5	Solution Zone in Sawyer #2	Dutton and others, 1985
Seven Rivers	0.16-0.3	Solution Zone in Mansfield #2	Dutton and others, 1985
Granite Wash	4×10^{-4} - 3×10^{-3}*	J. Friemel #1	Senger and others, 1984
Pennsylvanian Limestone	1×10^{-3}*	J. Friemel #1	Senger and others, 1984
Wolfcamp Limestone	1×10^{-5}*	J. Friemel #1	Senger and others, 1984
Wolfcamp Dolomite	2×10^{-7} - 2×10^{-4}*	Sawyer #1	Conti and others, 1985
	2×10^{-5}*	Mansfield #1	Conti and others, 1985
	8×10^{-7} - 2×10^{-2}*	Zeeck #1	Conti and others, 1985
Wolfcamp Limestone	1×10^{-7} - 3×10^{-5}*	Sawyer #1	Conti and others, 1985
	9×10^{-6} - 1×10^{-3}*	Mansfield #1	Conti and others, 1985
	5×10^{-7} - 6×10^{-5}*	Zeeck #1	Conti and others, 1985
Wolfcamp Sandstone	2×10^{-6} - 2×10^{-3}*	Sawyer #1	Conti and others, 1985
	7×10^{-7} - 9×10^{-6}*	Zeeck #1	Conti and others, 1985

* Values were converted from permeabilities using conversion of 1 md = 1.2×10^{-5} m/day as described by Wirojanagud and others (1984).