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SUMMARY OF PERMEABILITY TO LIQUID TEST RESULTS

Westinghouse Savannah River Company

Sample I.D.	Cumulative Test Time, days	Length, cm	Area, cm <sup>2</sup>	Viscosity, cp	Delta Pressure, psi	Incremental Flow Rate, cc/sec	Permeability to Liquid, millidarcies	Hydraulic Conductivity, cm/sec	Porosity, percent
Turner Road Backfill - 1	36.8	7.59	11.76	0.988	50.0	1.6e-03	3.1e-01	3.0e-07	45.5
Turner Road Backfill - 2*	35.8	7.59	11.76	0.988	50.0	2.6e-03	4.8e-01	4.7e-07	42.7
Concrete from Saltstone Vault-1B	24.0	6.24	11.05	2.39	50.0	5.3e-07	2.1e-04	1.1e-10	17.4
Concrete from Saltstone Vault-5B	37.7	5.77	11.13	0.988	50.0	1.6e-05	2.4e-03	2.3e-09	18.9
Concrete from Saltst. Vault-7B*	38.0	5.05	11.10	0.988	50.0	9.9e-06	1.3e-03	1.3e-09	16.8
Concrete from E-Area Vault-2E	36.9	5.46	10.76	0.988	50.0	5.0e-09	7.4e-07	7.2e-13	18.1
Concrete from E-Area Vault-4E	37.5	5.35	10.68	0.988	50.0	8.3e-09	1.2e-06	1.2e-12	19.3
Concrete from E-Area Vault-7E*	37.5	4.44	10.72	0.988	50.0	1.0e-08	1.3e-06	1.2e-12	18.6
Saltstone - 1	16.0	4.29	11.07	2.39	50.0	2.4e-08	6.6e-06	3.4e-12	44.6
Saltstone - 3A	16.0	4.35	11.26	2.39	50.0	2.0e-08	5.4e-06	2.8e-12	41.6
Saltstone - 4*	12.0	4.74	11.30	2.39	50.0	1.3e-08	3.7e-06	1.9e-12	40.6

\*Sample selected for Gas-Water Relative Permeability Tests