TABLE B-3
SUMMARY OF PERMEABILITY BY STRATA
ALLIED-SIGNAL INC. BALTIMORE WORKS

STRATUM	BORING NUMBER	FIELD TEST NO.	SAMPLE NO.	FIELD PERMEABILITY (cm/sec)	LAB Kh (cm/sec)	LAB Kv (cm/sec)		FROM INTERPRETATION OF PARTICLE SIZE DATA HAZEN PERMEABILTY (cm/sec)	PRUGH PERMEABILTY (cm/sec)	MEDIAN OF FIELD TEST DATA (cm/sec)
							HIGH	3E-01	1E+00	
S-1	106	1		4E-05			MEDIAN	8E-03	1E-02	INSUFFICIENT DATA
							LOW	4E-03	8E-03	
S-2	105	1		7E-02			HIGH	5E+00		
S-2	107	1A		1E-02						
S-2	108	1		8E-03						
S-2	109	1		4E-03			3E-03			
S-2	107	1B		2E-03			MEDIAN	2E-02		3E-03
S-2	109	2		1E-03						
S-2	103	1		1E-03						
S-2	106	2		1E-03			LOW	9E-03	1E-02	
S-3	101	1		1E-03			HIGH	8E-03	1E-02	
S-3	101	2-3		7E-04						
S-3	109	4-3		3E-04			MEDIAN	1E-03	1E-03	3E-04
S-3	102	2		8E-05						
S-3	102	1		5E-05			LOW	9E-04	8E-04	
M	104	1		9E-04			HIGH			
M	108	2		6E-04						
M	109	3		5E-04						
M	109	6		2E-04						
M	102	3		3E-05						
M	101	3		3E-05						
M	108	5-6		3E-05						
M	106	3		2E-05						
M	103	2		1E-05			MEDIAN			3E-05
M	105	2		1E-05						
M	108	3		2E-06						
M	105		9S		1E-06					
M	105		9S			3E-07				
M	108	4		6E-08						
M	105		10S		3E-08					
M	101		15S			3E-08				
M	105		10S			3E-08	LOW			

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S-4	102	4		3E-02			HIGH	3E+01	4E-01	
S-4	106	4		2E-02						
S-4	104	2		4E-03						
S-4	107	2		2E-03						
S-4	105	3		2E-03						
S-4	103	3		2E-03			MEDIAN	1E-02		2E-03
S-4	108	7		1E-03						
S-4	108	6		8E-04						
S-4	109	7		6E-04						
S-4	101	4		5E-04			LOW	5E-03	4E-03	
DR	109	8		4E-04			HIGH			
DR	108	8		2E-04						
DR	101	5		2E-04						
DR	104	3		9E-05						
DR	103	4		6E-05						
DR	105	4		6E-05						
DR	105		18S		9E-06		9E-06			
DR	108	11		8E-06			MEDIAN			6E-05
DR	106	5		5E-06						
DR	105		16S		3E-06					
DR	109	9		< 6E-07						
DR	108	9		4E-07						
DR	105	18S				6E-07				
DR	105	16S				2E-07	LOW			
DR,TZ	101	7		2E-04			HIGH			
DR,TZ	107	3		1E-04						
DR,TZ	108	13		7E-05						
DR,TZ	102	5		2E-05			MEDIAN			2E-05
DR,TZ	108	12		1E-05						
DR,TZ	106	6		8E-06						
DR,TZ	102	7		2E-06			LOW			
DR,TZ,WR	104	4		6E-05						INSUFFICIENT DATA

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SUMMARY OF PERMEABILITY BY STRATA
ALLIED-SIGNAL INC. BALTIMORE WORKS

STRATUM	BORING NUMBER	FIELD TEST NO.	FIELD SAMPLE NO.		FIELD PERMEABILITY (cm/sec)	LAB Kh (cm/sec)	LAB Kv (cm/sec)		FROM INTERPRETATION OF PARTICLE SIZE DATA HAZEN PERMEABILTY (cm/sec)	PRUGH PERMEABILTY (cm/sec)	MEDIAN OF FIELD TEST DATA (cm/sec)
TZ	101	7-5			2E-04			HIGH			
TZ	108	13-12			1E-04						
TZ	108	12-11			1E-05						
TZ	108	14-15			1E-05						
TZ	106	6-5			9E-06						
TZ	109	10			6E-06						
TZ	109	12			4E-06						
TZ	109	11		<	3E-06			MEDIAN			5E-06
TZ	105	5			5E-07						
TZ	109	14			4E-07						
TZ	103	5			3E-07						
TZ	101		28S				4E-08				
TZ	109	13			3E-08						
TZ	103		21S				3E-08				
TZ	101		30S				2E-08	LOW			
TZ,WR	104	4-3			5E-05			HIGH			
TZ,WR	108	14			8E-06						
TZ,WR	101	6			1E-07			MEDIAN			1E-07
TZ,WR	102	6		<	1E-07						
TZ,WR	108	15		<	1E-07			LOW			
WR	106	7			2E-05			HIGH			
WR	103	6			4E-06			3E-06			
WR	107	4			2E-06			MEDIAN			3E-06
WR	105	6			1E-06			LOW			

TABLE B-3

NOTES:

1. FIELD PERMEABILITY SHOWN IS A MEAN VALUE WHICH REFLECTS BOTH HORIZONTAL AND VERTICAL FLOW IN THE TESTED ZONE.
2. K VALUES ARE SHOWN IN SCIENTIFIC NOTATION: 1E-07 = 1×10^{-7}
3. < INDICATES HIGHEST PERMEABILITY WHICH MAY BE INTERPRETED FOR TEST. ACTUAL VALUE MAY BE LESS THAN THAT SHOWN. TEST VALUE IS QUESTIONED BECAUSE OF LOW SENSITIVITY OF TAKE VOLUME MEASUREMENT.
4. WHERE K VALUES ARE INTERPRETED BETWEEN TESTS THEY ARE SHOWN AS TEST NO. "4-3" (TYPICAL) WHICH INDICATES THAT THE RESULT OF TEST 3 WAS SUBTRACTED FROM THE RESULT OF TEST 4 TO YIELD THE PERMEABILITY OF A SINGLE STRATUM.
5. THE MEDIAN VALUE IS THAT VALUE WHICH IS AT THE MIDDLE OF THE RANKED ARRAY, EXCEPT IF THE ARRAY CONTAINS AN EVEN NUMBER OF VALUES, IN WHICH CASE THE MEDIAN IS TAKEN TO BE THE AVERAGE OF THE TWO MIDDLE VALUES.