			Ē	ALLING-HEA WITH C		PERMEA SOLIDO	<u>METER</u>	<u>T</u> Te			
	DJECT										
SAN	PLE OR SPECIMEN NO.										
NS	TARE PLUS DRY SOIL					DIAMETER OF SPECIMEN, CM			D		
WT IN GRAMS	TARE					AREA OF SPECIMEN, SQ CM			Α		
M⊤ W	DRY SOIL W S					INITIAL HEIGHT OF SPECIMEN, CM			L		
SPECIFIC GRAVITY  G S						INITIAL VOL OF SPEC, CC = AL			٧		
VOL OF SOLIDS, CC = W G G S			S			INITIAL VOID RATIO = (V - V <sub>S</sub> ) + V <sub>S</sub>			е		
AREA OF STANDPIPE, SQ CM a						CONSTANT = (2.303 X a) ÷ A			С		
CAPILLARY RISE, CM h c						INITIAL DIAL READING, IN.			D °		
HEIGHT OF TAILWATER, CM h						CORRECTI	TED TAILWATER, CM, h <sub>t</sub> + h <sub>c</sub>				
TEST NO.				1	1		:	3			
LOAD INCREMENT, T/SQ FT			Р								
DIAL READING AT START, IN.			D 1								
CHANGE IN HT OF SPEC, IN. = D - D t D			∆D								
			L								
VOID RATIO = (AL - V <sub>s</sub> ) · V <sub>s</sub>			е								
				1a		1b	2a	2b		За	3b
INITIAL TIME			t o								
FINAL TIME			t f								
ELAPSED TIME, SEC = t - t f o			t								
INITIAL HEIGHT, CM			h 1								
FINAL HEIGHT, CM			h 2								
WATER TEMPERATURE, °C T			Т								
VISCOSITY CORRECTION FACTOR			R T								
COEFFICIENT OF PERMEABILITY, (2) k CM/SEC 20			k 20								
			AVG					I.			
(1	CORRECTION FACTOR FOR $k_{20} = 2.303 \frac{a}{A} \frac{L}{t}$	R VIS	SCOS h <sub>1</sub> h <sub>2</sub>	TY OF WATER - <u>a h</u> - <u>a h</u> ) R	AT =	20 C OBT <i>i</i> : <u>CL</u> (LC	AINED FROM - h <sub>1</sub> - <b>4</b> h	ΓABLE VII-1.  R T			
REM	ARKS										
TECHNICIAN				COMPUTED BY				CHECKED BY			