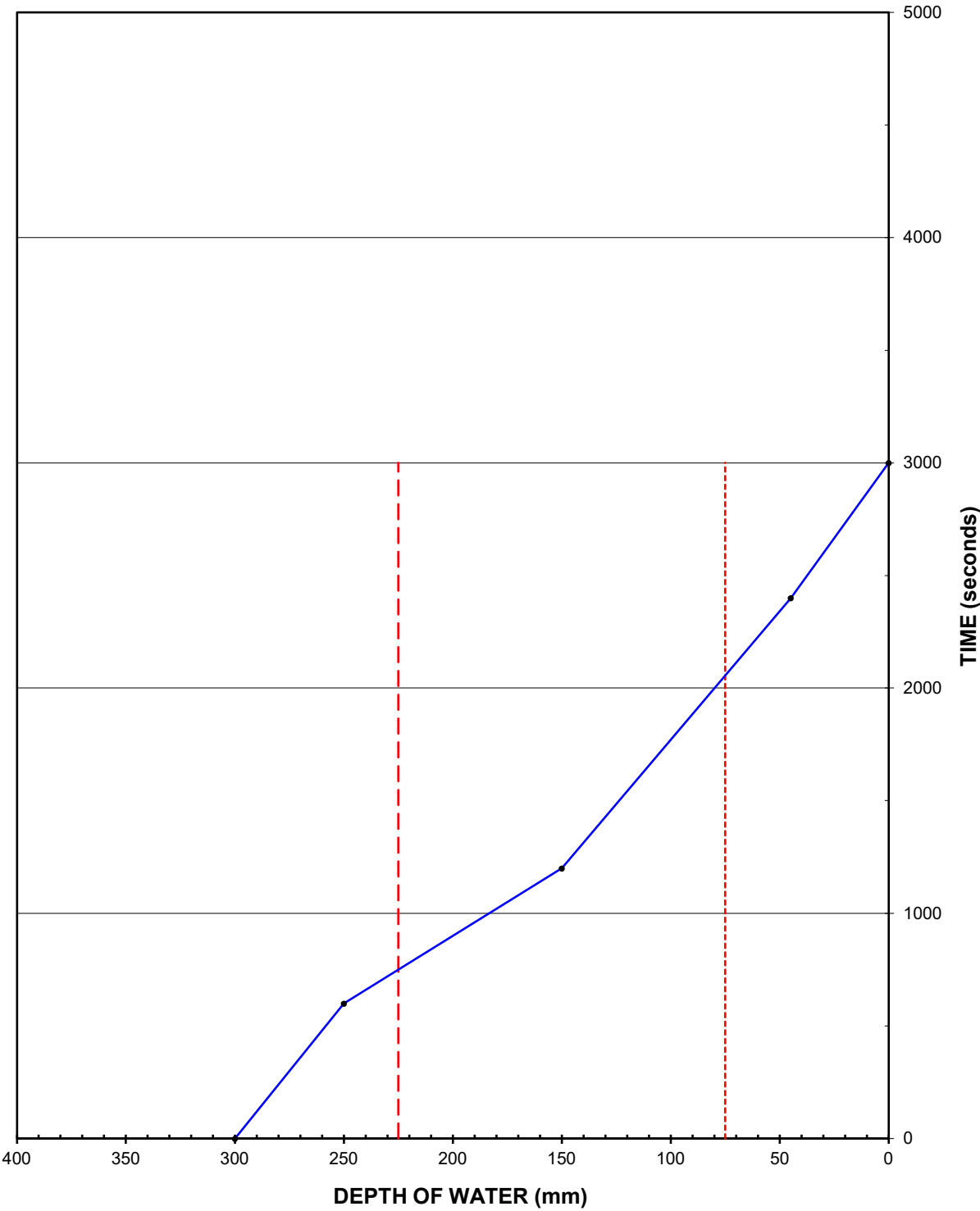


HOLE 5
SOAKAWAY TEST
1

KEY

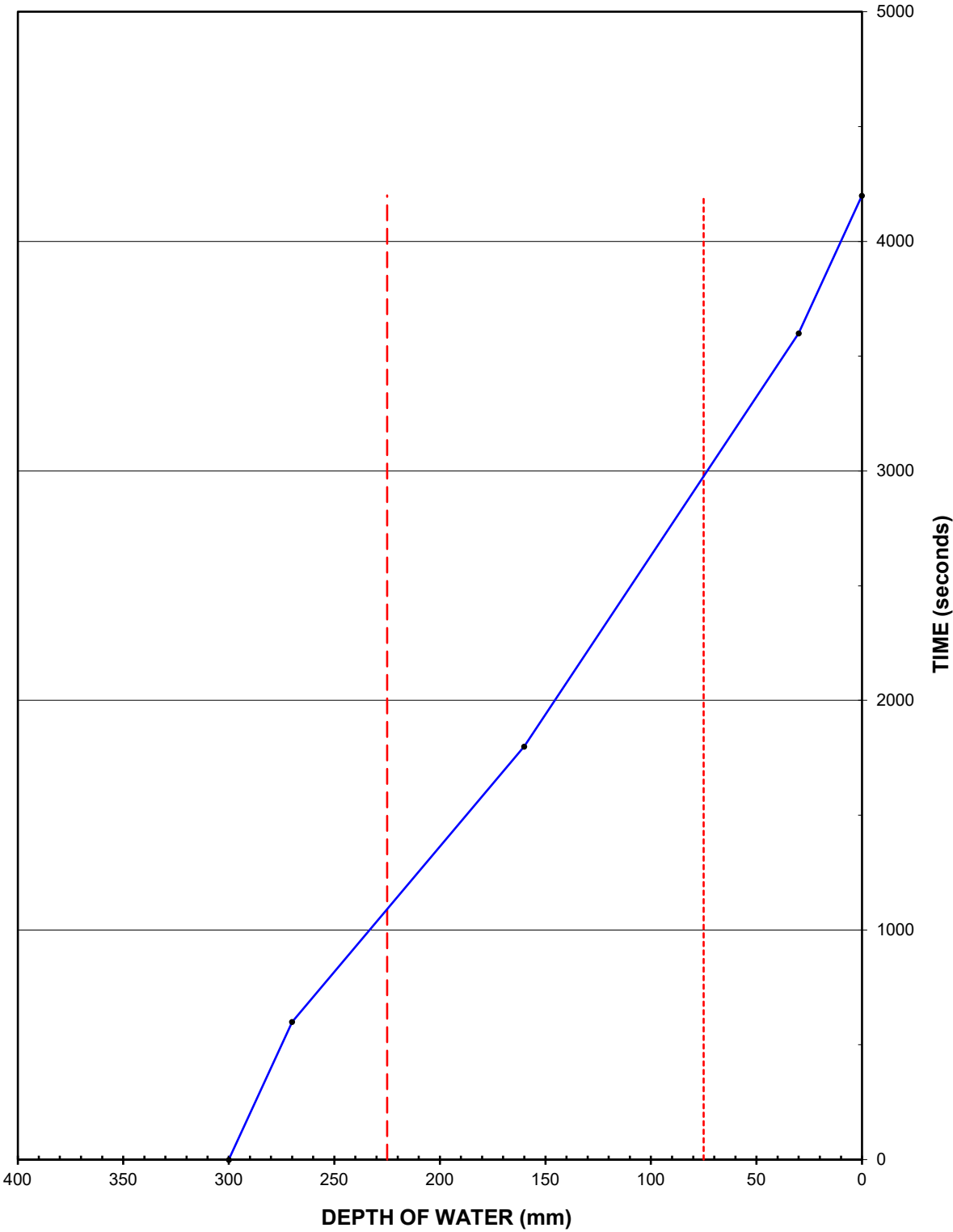
--- 75 % Water Depth --- 25 % Water Depth ●--- Water Level



HOLE 5
SOAKAWAY TEST
2

KEY

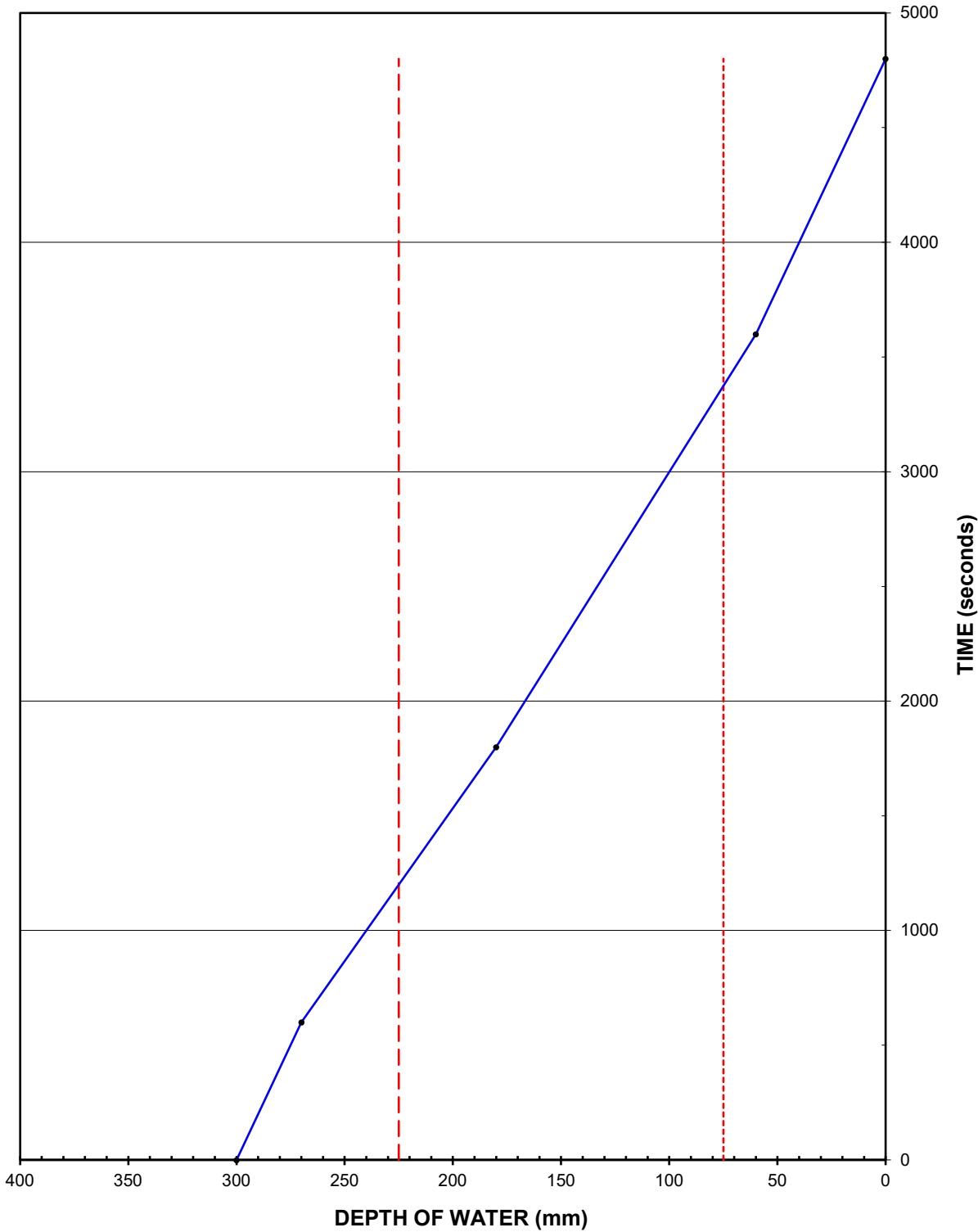
--- 75 % Water Depth - - - 25 % Water Depth ● Water Level



HOLE 5
SOAKAWAY TEST
3

KEY

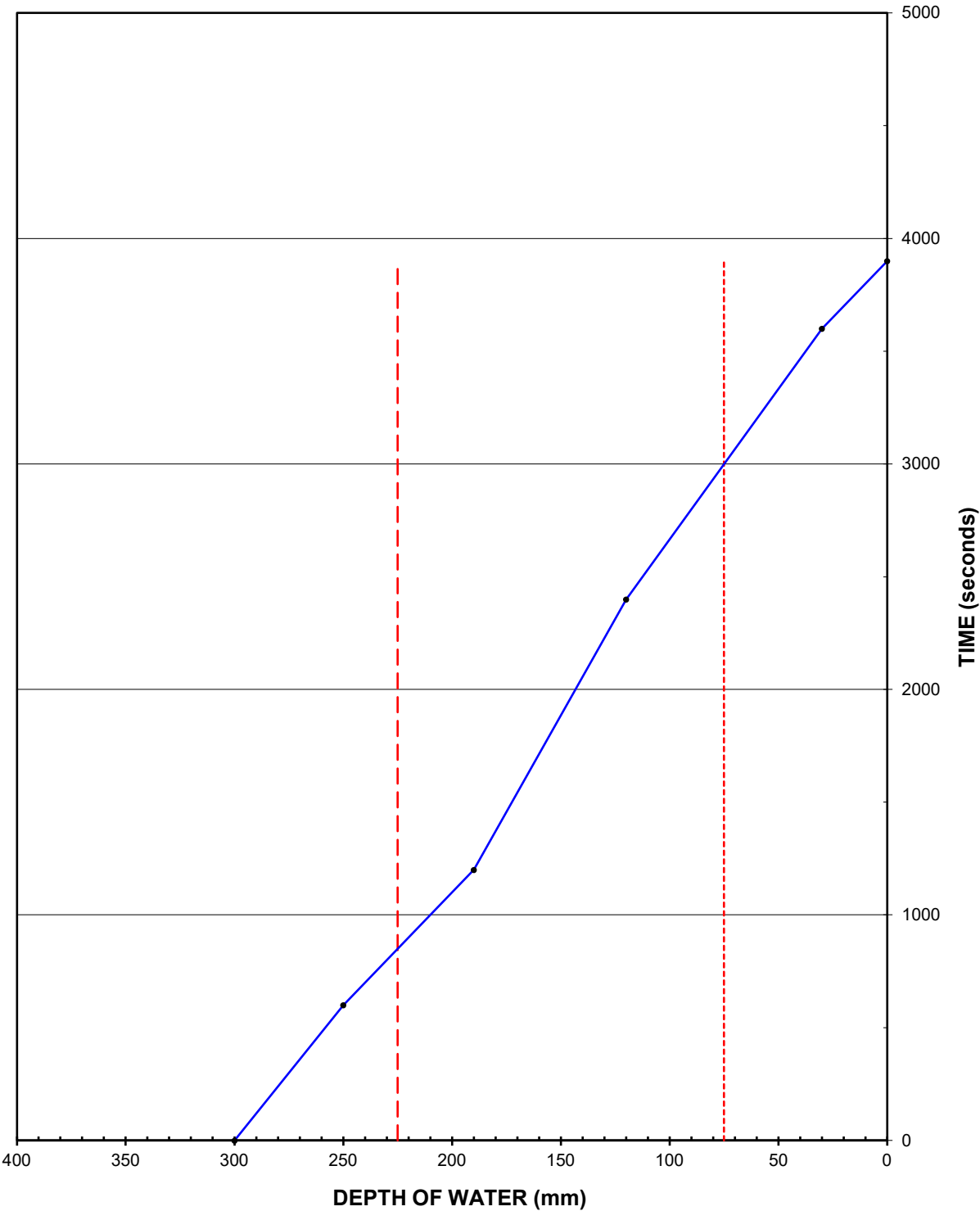
--- 75 % Water Depth - - - 25 % Water Depth —●— Water Level



HOLE 6
SOAKAWAY TEST
1

KEY

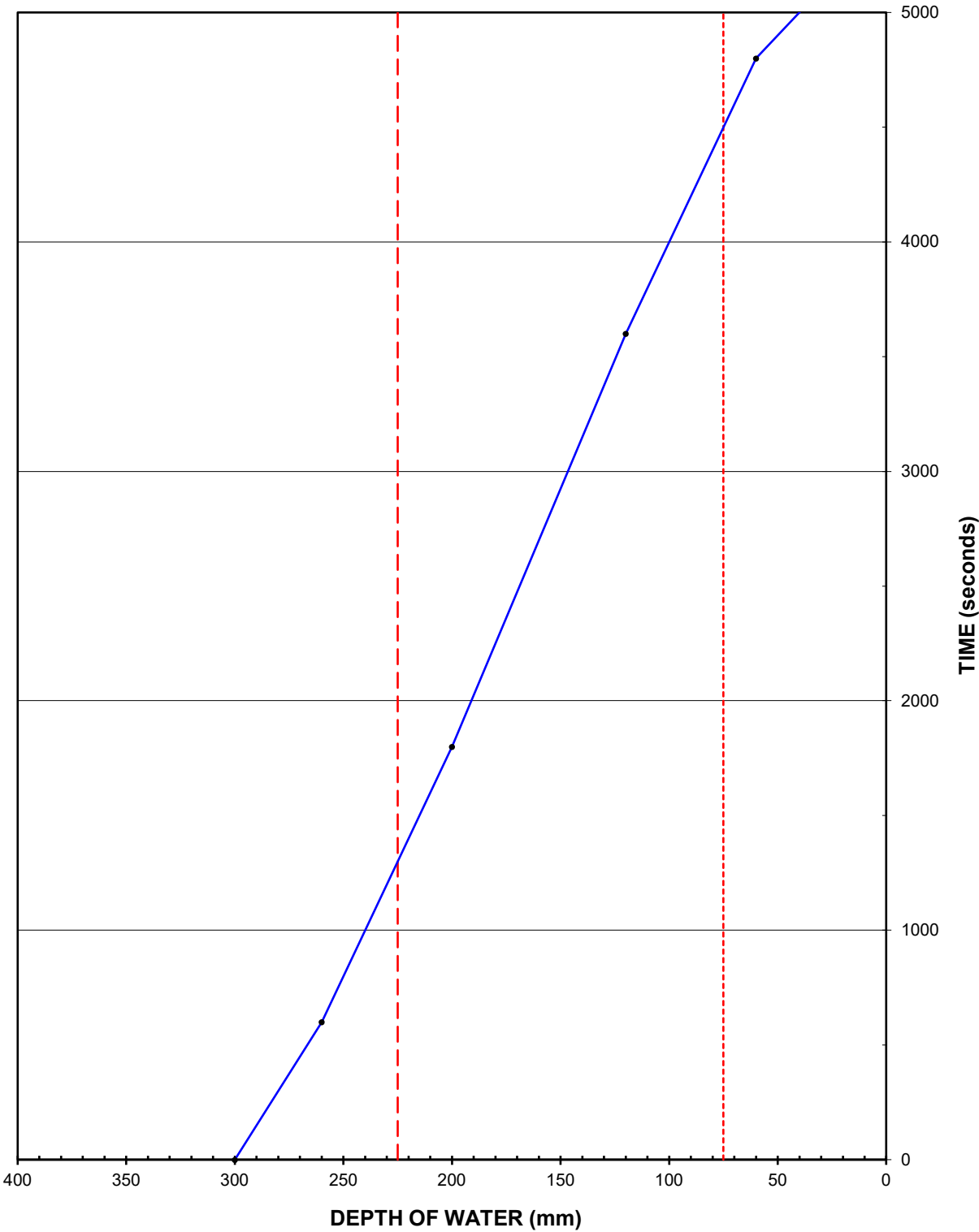
--- 75 % Water Depth --- 25 % Water Depth —●— Water Level



HOLE 6
SOAKAWAY TEST
2

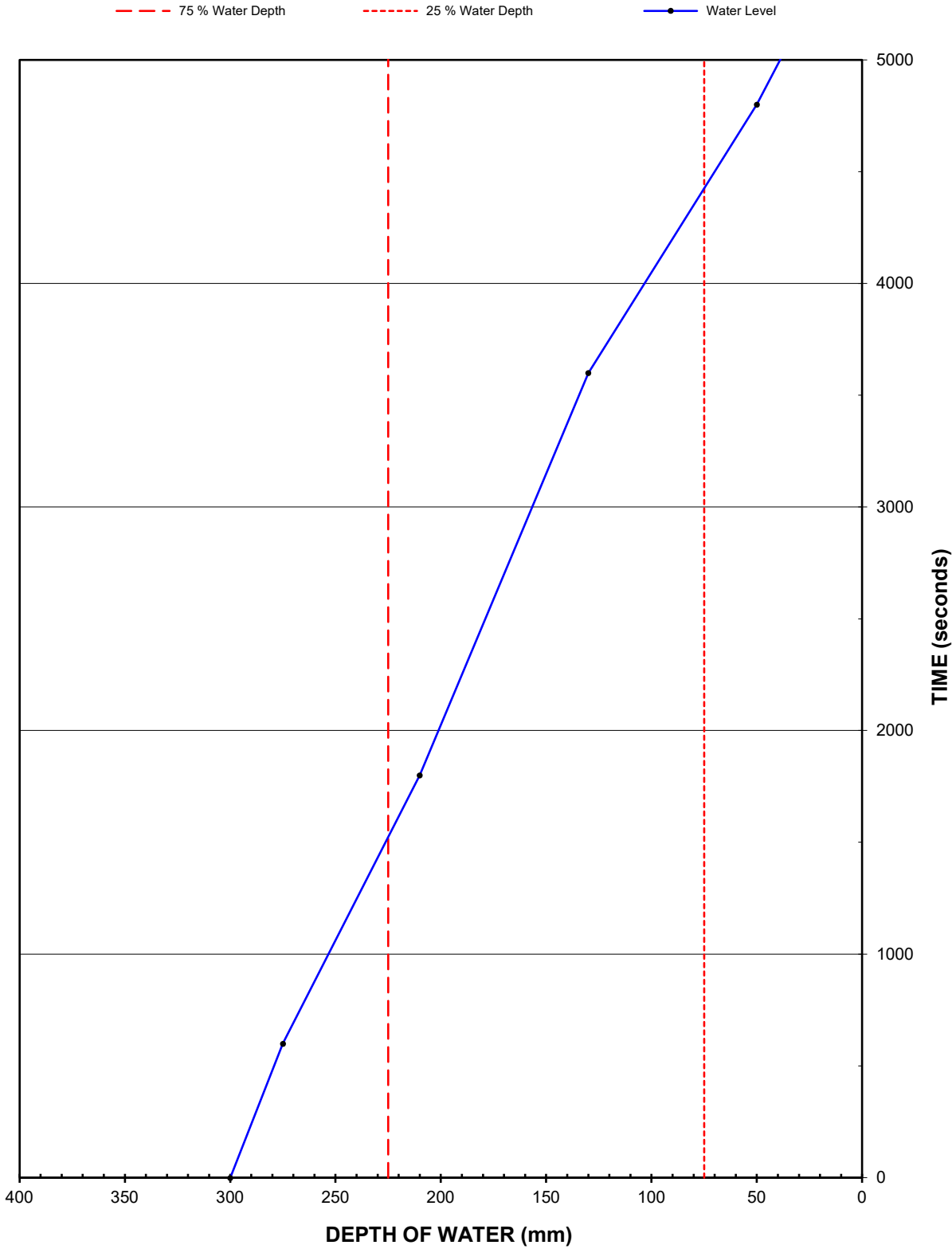
KEY

--- 75 % Water Depth - - - 25 % Water Depth —●— Water Level



HOLE 6
SOAKAWAY TEST
3

KEY



SOAKAWAY TESTS TO BUILDING REGULATIONS TEST RESULTS

HOLE No. 5

1st TEST			2nd TEST			3rd TEST		
PERCENTAGE DEPTH OF WATER	DEPTH (mm)	TIME (seconds)	PERCENTAGE DEPTH OF WATER	DEPTH (mm)	TIME (seconds)	PERCENTAGE DEPTH OF WATER	DEPTH (mm)	TIME (seconds)
100%	300	0	100%	300	0	100%	300	0
75%	225	740	75%	225	1080	75%	225	1190
25%	75	2060	25%	75	2980	25%	75	3370
$V_p = 8.8$			$V_p = 12.7$			$V_p = 14.5$		

AVERAGE $V_p = 12.0$

INFILTRATION RATE = 4.167E-05 m/s or 0.1500 m/hr

Infiltration Factor (IF) = 2

Infiltration Rate = $\frac{0.001}{IF \times V_p}$

HOLE No. 6

1st TEST			2nd TEST			3rd TEST		
PERCENTAGE DEPTH OF WATER	DEPTH (mm)	TIME (seconds)	PERCENTAGE DEPTH OF WATER	DEPTH (mm)	TIME (seconds)	PERCENTAGE DEPTH OF WATER	DEPTH (mm)	TIME (seconds)
100%	300	0	100%	300	0	100%	300	0
75%	225	850	75%	225	1300	75%	225	1530
25%	75	3000	25%	75	4500	25%	75	4420
$V_p = 14.3$			$V_p = 21.3$			$V_p = 19.3$		

AVERAGE $V_p = 18.3$

INFILTRATION RATE = 2.731E-05 m/s or 0.0983 m/hr

Infiltration Factor (IF) = 2

Infiltration Rate = $\frac{0.001}{IF \times V_p}$

AVERAGE FOR TEST HOLES 5 & 6

THE AVERAGE $V_p = 15.2$

INFILTRATION RATE = 3.299E-05 m/s or 0.1188 m/hr

Infiltration Factor (IF) = 2

Infiltration Rate = $\frac{0.001}{IF \times V_p}$