

SPECIFIC CAPACITY TEST SUMMARY

Mandatory—applicant must complete	Leave blank—Council completes	Additional information appreciated
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Well number
Test date¹/...../.....
Town
District
Location E.....N.....

Test commissioned by
Test done by

Average pumping rate²l/s
Drawdown stabilised at³hours
Pumping durationhours
Final depth to waterm
Initial depth to waterm
Total drawdownm

$$\text{Specific capacity} = \frac{\text{average pumping rate}}{\text{total drawdown}} = \frac{\text{.....l/s}}{\text{.....m}} = \text{.....(l/s)/m}$$

Time since pumping started (minutes)	Depth to water (metres)	Drawdown ⁴ (metres)
1		
3		
6		
10		
30		
60		
120 (2 hours)		
300 (5 hours)		
720 (12 hours)		
1440 (24 hours)		

Comments⁵

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¹Date pumping started

²Pumping rate should be kept constant, therefore keep a record of pumping rate versus time

³Record the number of hours it takes for drawdown to stabilise for the given pumping rate or until wter level changes less than 5 cm per hour

⁴Drawdown = Depth to water – Initial depth to water; record till water levels stabilise or water levels change less than 5 cm per hour

⁵Describe any information that would help describe test conditions, such as pump rate variation, etc.