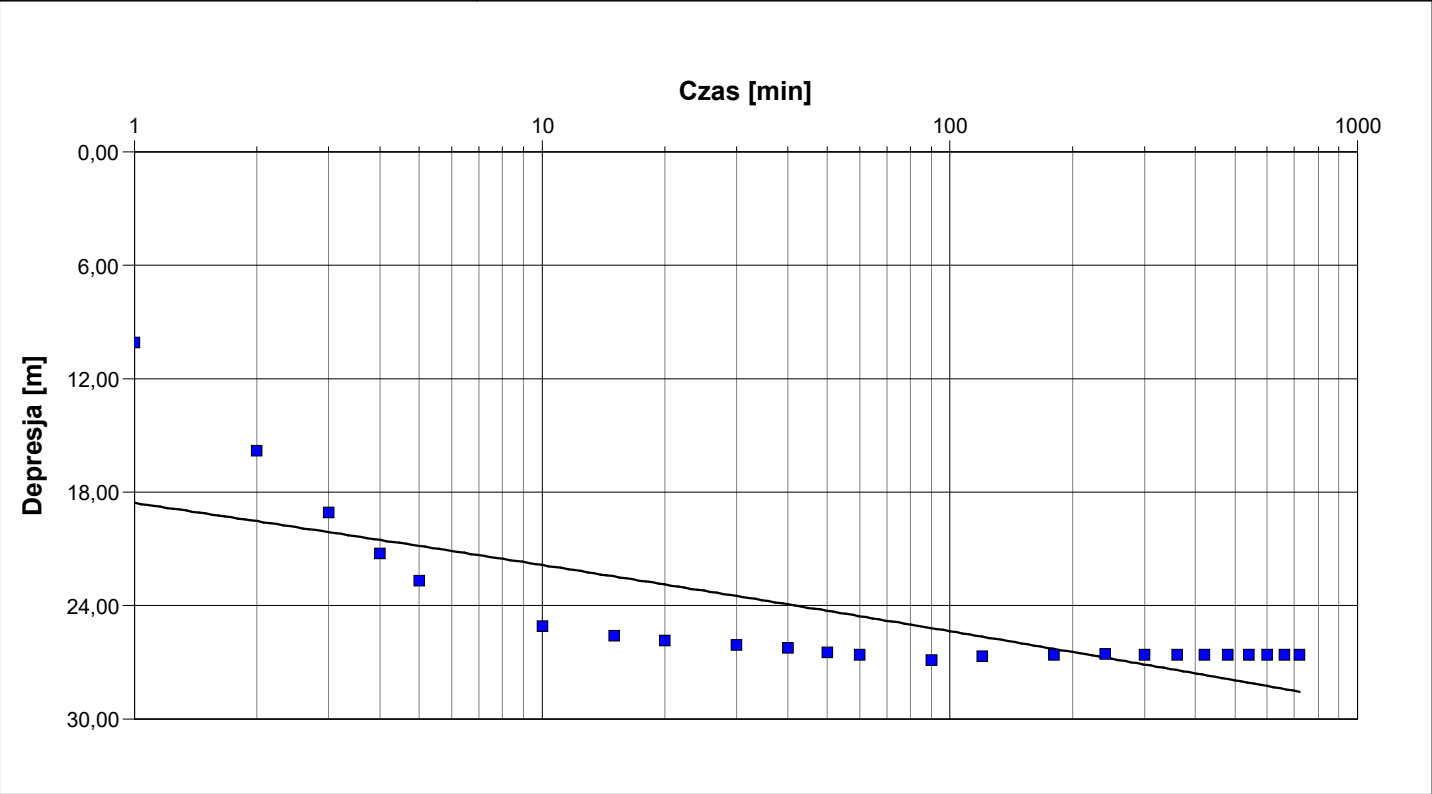


			Wykres pompowania w funkcji S=log(t)
			Project:
			Number: Załącznik 5.1
			Client: GPK Melgiew Sp. z o.o.

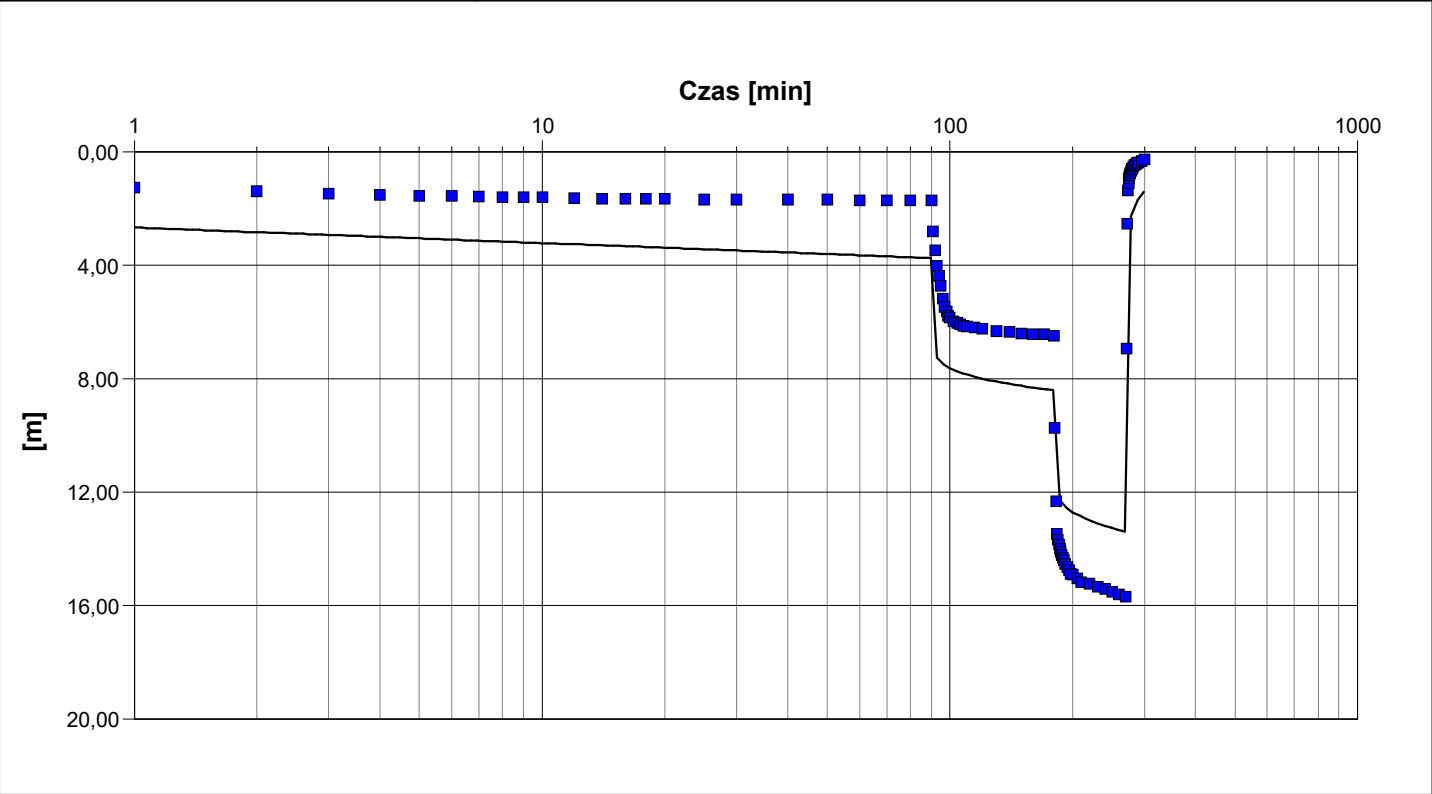
Location: Franciszków	Pumping Test: Pompowanie	Pumping Well: Studnia nr 1
Test Conducted by: A. Kędzierawska		Test Date: 06.05.2026
Analysis Performed by:	Pompowanie	Analysis Date: 25.05.2026
Aquifer Thickness: 75,57 m	Discharge Rate: 44 [m³/h]	



Calculation using Theis with Jacob Correction					
Observation Well	Transmissivity [m²/s]	Hydraulic Conductivity [m/s]	Storage coefficient	Radial Distance to PW [m]	
Studnia nr 1	$9,31 \times 10^{-4}$	$1,23 \times 10^{-5}$	$1,17 \times 10^{-6}$	0,14	

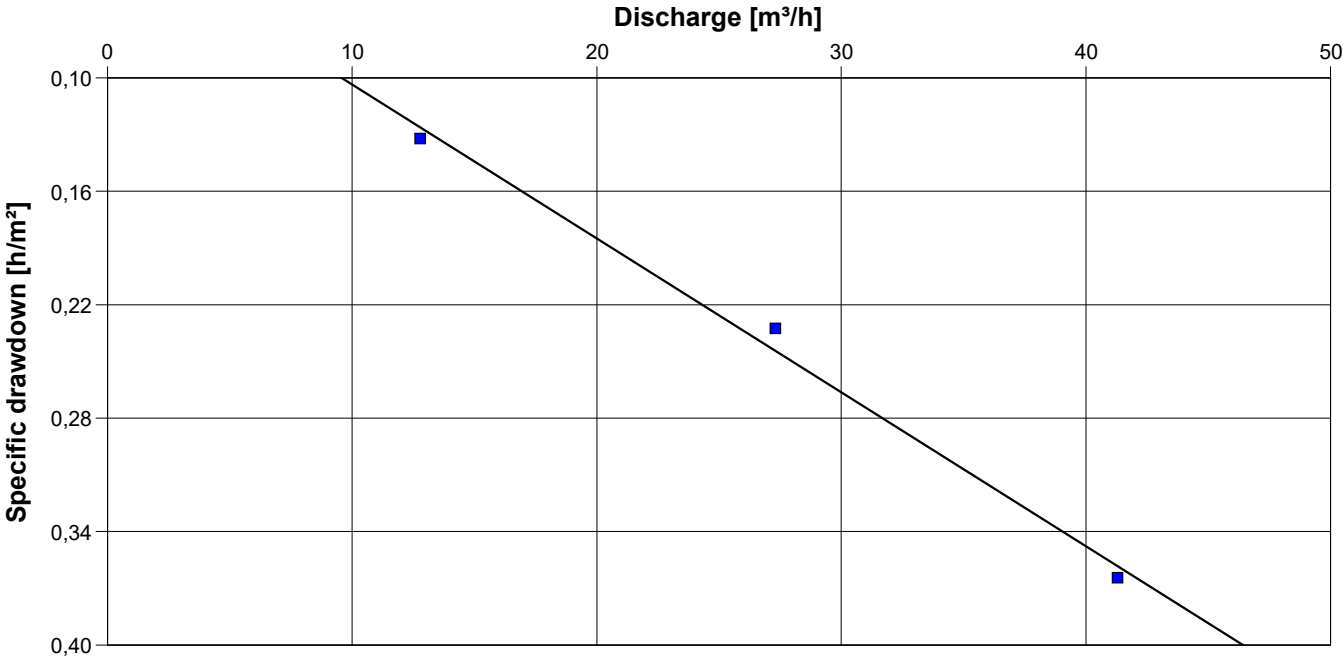
			Wykres pompowania w funkcji S=log(t)
			Project:
			Number: Załącznik 5.2
			Client: GPK Melgiew Sp. z o.o.

Location: Franciszków	Pumping Test: Pompowanie	Pumping Well: Studnia nr 1
Test Conducted by: A. Kędzierawska		Test Date: 07.05.2026
Analysis Performed by:	Pompowanie	Analysis Date: 25.05.2026
Aquifer Thickness: 75,57 m	Discharge: variable, average rate 27,13 [m³/h]	



Calculation using Theis with Jacob Correction					
Observation Well	Transmissivity [m²/s]	Hydraulic Conductivity [m/s]	Storage coefficient	Radial Distance to PW [m]	
Studnia nr 1	1,24 × 10 ⁻³	1,64 × 10 ⁻⁵	9,72 × 10 ⁻⁵	0,14	

			Wykres zależności $S/Q=f(Q)$
			Project:
			Number: Załącznik 5.3
			Client: GPK Melgiew Sp. z o.o.
Location: Franciszków		Pumping Test: Pompowanie	Pumping Well: Studnia nr 1
Test Conducted by: A. Kędzierawska		Test Date: 07.05.2026	
Analysis Performed by:		Studnia nr 1 - Well losses	Analysis Date: 25.05.2026
Aquifer Thickness: 75,57 m			



Calculation after Hantush & Bierschenk
B [h/m²]: $2,21 \times 10^{-2}$
C [h²/m⁵]: $8,14 \times 10^{-3}$