

ZBIORCZE ZESTAWIENIE WYNIKÓW WIERCENIA OTWORU NR 1b

Wycinek mapy dokumentacyjnej
skala 1 : 10 000



Miejscowość : Rumia
Powiat : wejherowski
Województwo : pomorskie
Inwestor bezpośredni : Przedsiębiorstwo Wodociągów
i Kanalizacji sp. z o.o. w Gdyni
j.w.; ujęcie na działce nr 8/1

Przedsiębiorstwo dokumentujące
(parcie)

mgr Zygmunt Kliński
(podpis)

Współrzędne geograficzne $\phi = 54^{\circ} 34' 14,4''$ N $\lambda = 18^{\circ} 25' 56,8''$ E
Rzędna wysokościowa terenu przy studni 16,2 m n.p.m.

Czas trwania robót wiertniczych 17.02 - 27.02.2009r.
System i sposób wiercenia udarowy

Wyniki badań i obliczenia hydrogeologiczne dla ujętej warstwy wodonośnej, wg. nżej przedstawionego szkicu konstrukcyjnego
 $Q_1 = 42,0$ [m³/h], $s_1 = 0,8$ [m], $t_1 = 12$ [h], $q_1 = 52,5$ [m³/h/1mS]
 $Q_2 = 84,0$ [m³/h], $s_2 = 1,45$ [m], $t_2 = 12$ [h], $q_2 = 57,9$ [m³/h/1mS]
 $Q_3 = 120,0$ [m³/h], $s_3 = 2,05$ [m], $t_3 = 18$ [h], $q_3 = 58,5$ [m³/h/1mS]
 $Q_4 = 150,0$ [m³/h], $s_4 = 2,65$ [m], $t_4 = 12$ [h], $q_4 = 56,6$ [m³/h/1mS]
 $k_{\text{pr}} = 0,000936$ [m/s] wyznaczone na podstawie wyników próbnego pompowania wzorem Dupuit'a z poprawką Forchheimer'a
 $Q_{\text{pr}} = 168$ [m³/h]
 $Q_{\text{dopuszczalne}} = 150$ [m³/h]; $s_{\text{pr}} Q_{\text{dopuszczalnego}} = 2,65$ [m]; $R = 243$ [m]

• - otwór dokumentowany

Strona 1 200	Schemat zaopatrzenia i załutowania, sposób zamknięcia wód (rysunek konstrukcyjny)	Pomiarowy wodociąg wiertniczy (m poniżej powierzchni terenu) namerowania, uszczelnienia, dla pomiaru	Profil litologiczny (głębokość)	Głębokość (m poniżej powierzchni terenu)	Opis litologiczny warstwy	Stwierdzenia	Stwierdzenia wiertnicze (rodzaj i średnica)	Przebieg robót wiertniczych (zabieg, sprężenie, sposób likwidacji otworu)	Wyniki badań wody
0				0,5	Gleba				Problem wody pobrano do badań 05.03.2009 r.
5				3,0	Pasek z otoczkami, żółty				
10				5,0	Pasek różnociarnisty z otoczkami, j. żółty				1 Miętność 9,3 mg/dm ³
15				7,0	Pasek średnociarnisty z domieszką zwirow, żółty				2 Barwa 35,0 mg/dm ³ Pt
20				10,0	Pasek różnociarnisty z otoczkami, żółty				3 Zapach 2,25 ropopochodny
25				13,0	Pasek średnociarnisty, żółty				4 Odczyn 7,5 pH
30				18,0	Pasek drobnociarnisty z domieszką otoczek, j. żółty				5 Twardość 236 mgCaCO ₃ /dm ³
35				21,0	Pasek drobnociarnisty, żółty				6 Zawiesinność 3,7 mg/dm ³
40				27,0	Pasek drobnociarnisty lekko żółty				7 Żelazo 0,938 mgFe/dm ³
45				33,5	Mulek z domieszką zwirow				8 Mangan 0,114 mgMn/dm ³
50				34,0	Pasek różnociarnisty z otoczkami				9 Chlorki 17,9 mgCl/dm ³
55				36,0	Pospółka				10 Amoniak <0,2 mgNH ₄ /dm ³
60				40,0	Pasek średnociarnisty, j. żółty				11 Azotyny <0,010 mgNO ₂ /dm ³
65				49,0	Pasek średnociarnisty z domieszką frakcji mułowej				12 Azotany <0,20 mgNO ₃ /dm ³
70				51,0	Pasek różnociarnisty, j. żółty				13 Indeks nad 0,84 mgO ₂ /dm ³
75				51,7	Mulek				14 Wapń 30 mgCa/dm ³
80				55,0					15 Magnez 9 mgMg/dm ³

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