Supplementary material in support of the paper:

Drainage and landscape evolution in the Polish Sudeten Foreland in the context of European fluvial archives

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This material constitutes detailed information on selected localities, including sediment logs, section drawings, results from petrographic analyses, palaeocurrent measurement and height records.

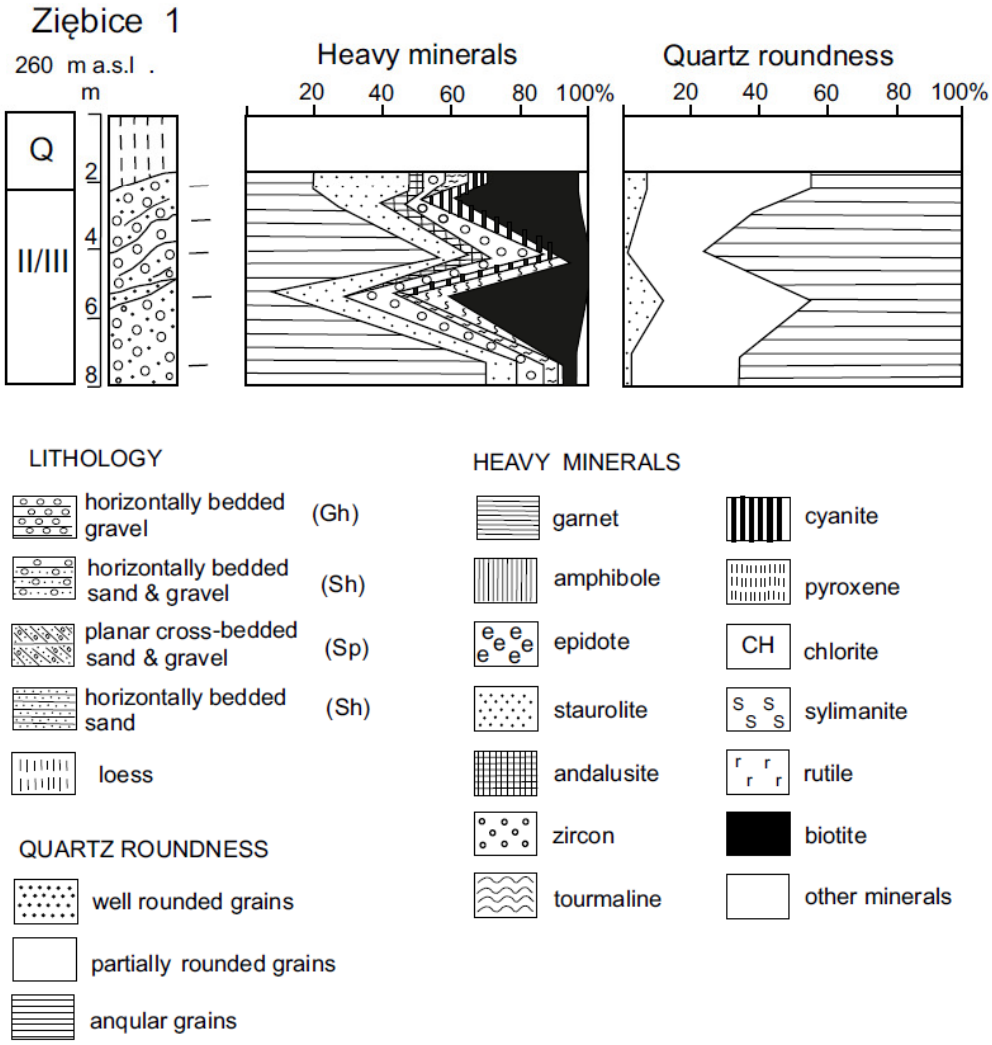


Fig. S1 – Ziębice [site 37], the locality in central Poland, formerly called Münsterberg, where fluvial 'white gravel' sediments, lacking Scandinavian material, were first described (Jentzsch and Berg, 1913; Frech, 1915; Lewiński, 1928, 1929; Zeuner, 1928). The site gives its name to the Ziębice Group (Czerwonka and Krzyszkowski, 2001). Photo by D. Krzyszkowski (1985).

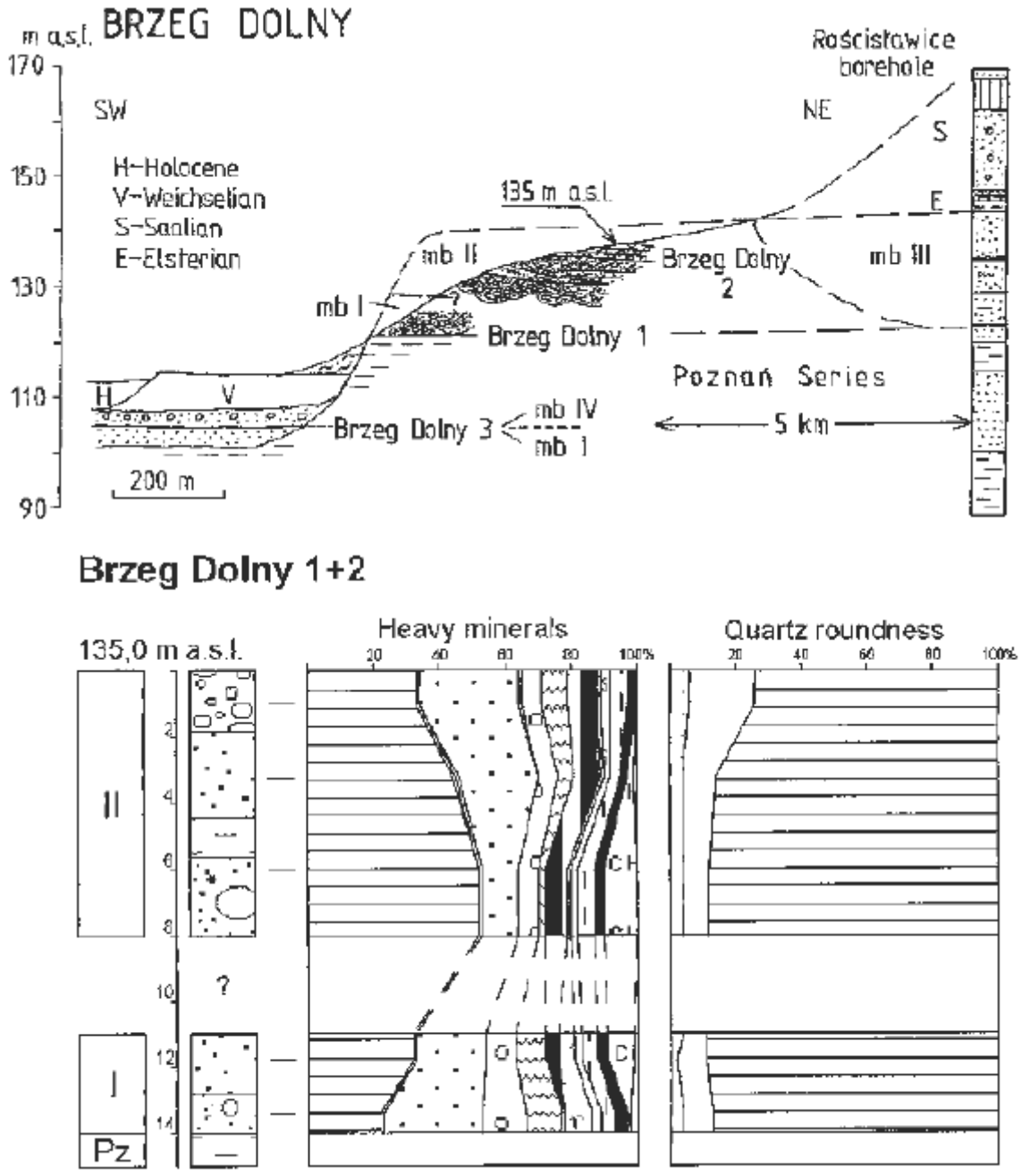


Fig. S2 – Brzeg Dolny [site 108]. Members I and II of the Kłodzko–Stankowo Formation, representing the palaeo-Nysa Kłodzka, with Member IV of the Mielęcin–Wołów Formation (Palaeo-Strzegomka) incised to a lower level.

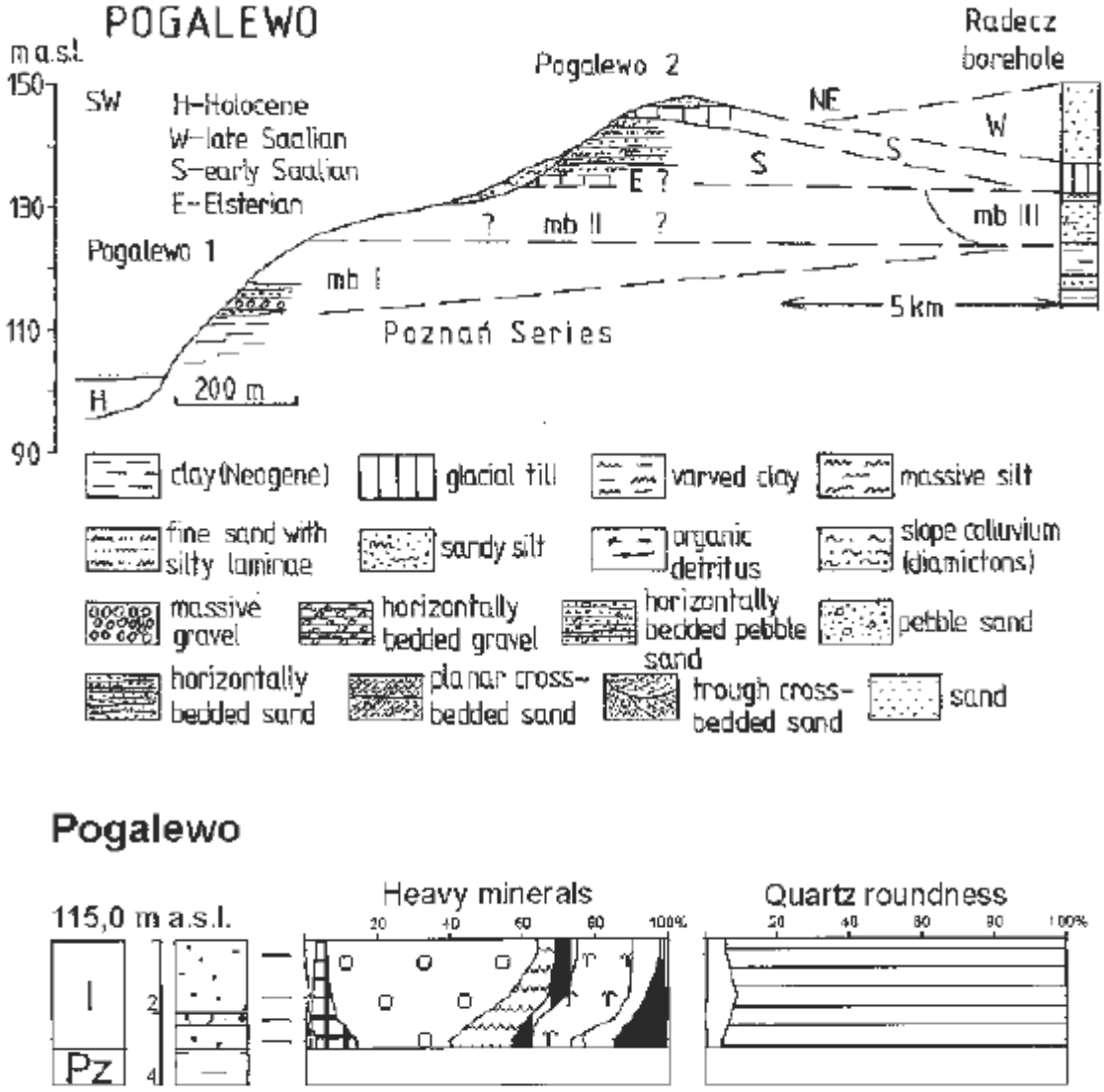
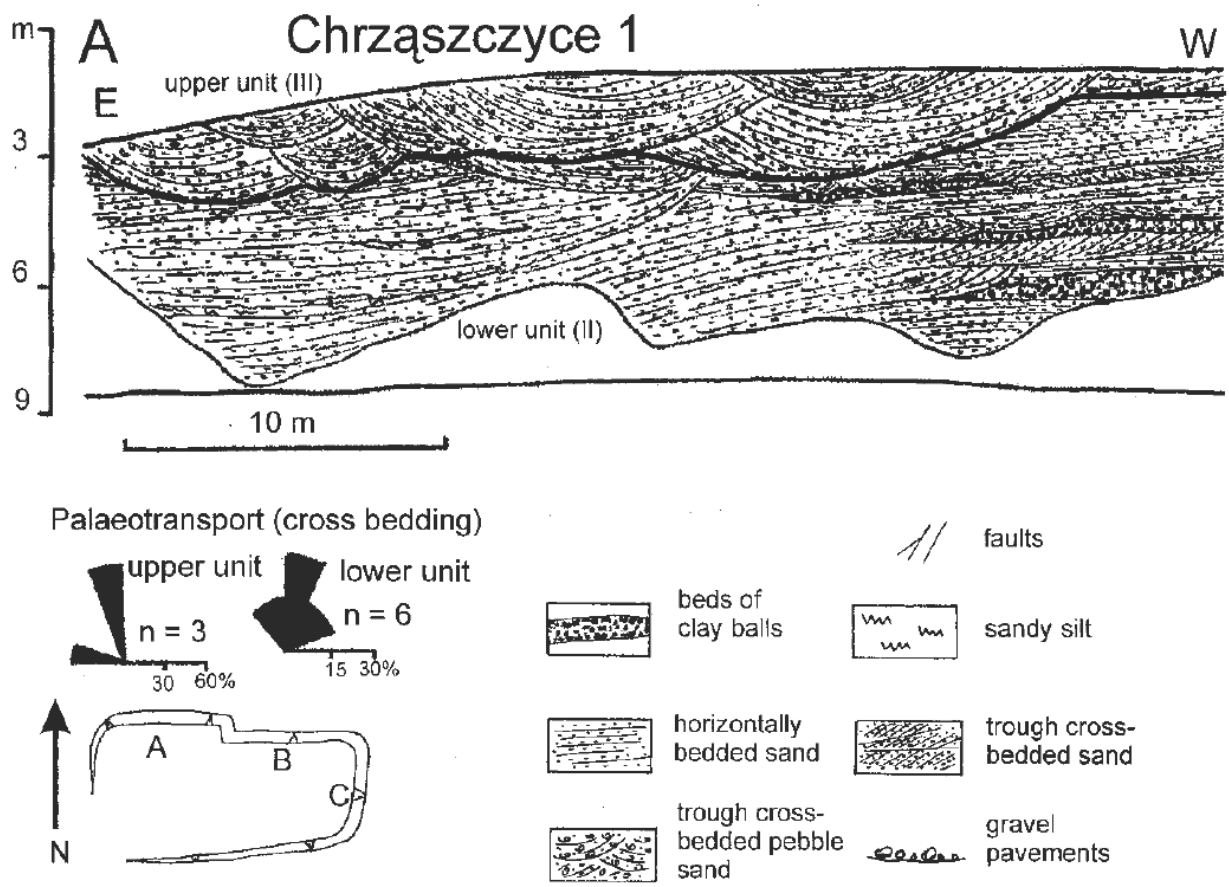


Fig. S3 – Pogalewo [site 31], the type locality of the Pogalewo Formation, representative of the Palaeo-Bystrzyca river. .



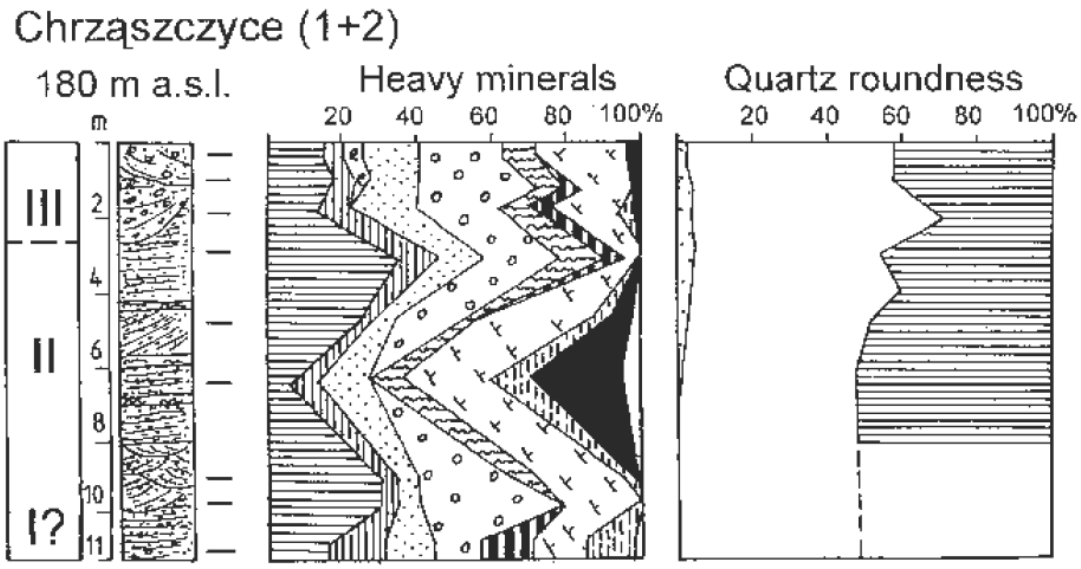


Fig. S4 – Chrząszczyce [site 77], type locality of the Chrząszczyce Formation, representative of the Palaeo-Odra river.

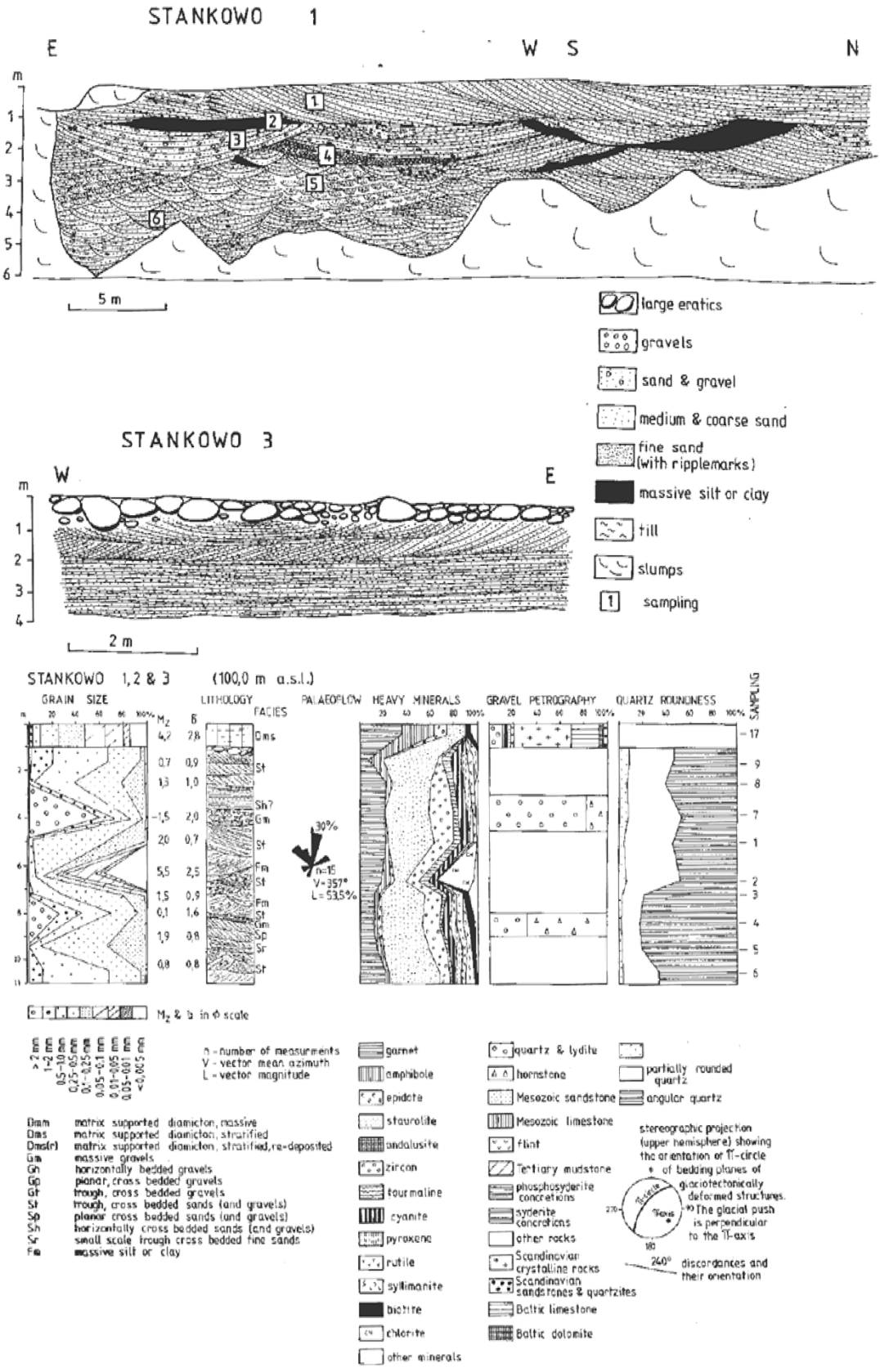


Fig. S5 – Stankowo [site 1], distal type locality of the Kłodzko–Stankowo Formation, near the northern margin of the study area. This represents the Palaeo-Nysa Kłodzka river.

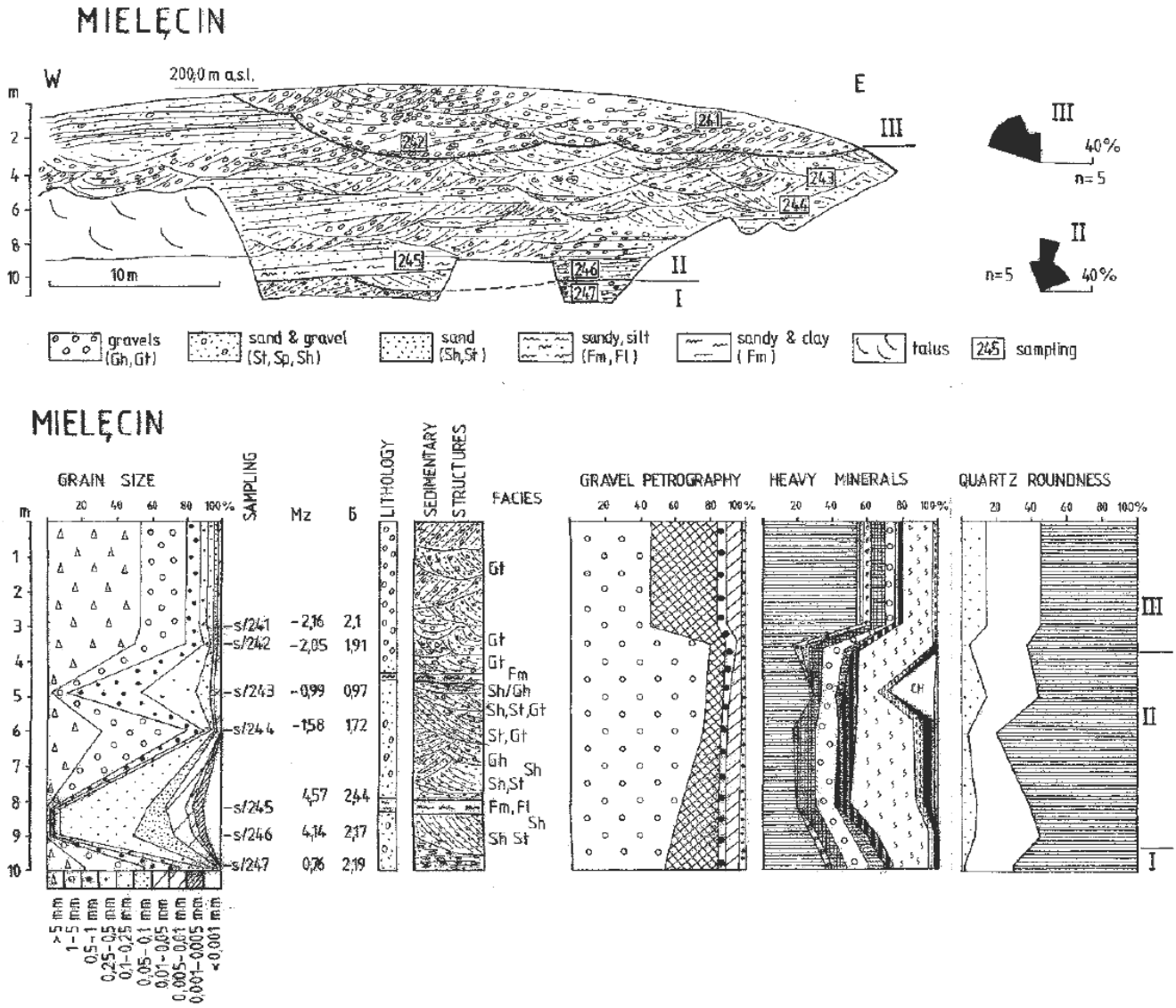


Fig. S6 – Mielecin [site 47], the proximal type locality of the Mielęcin–Wołów Formation, representative of the Palaeo-Strzegomka River.

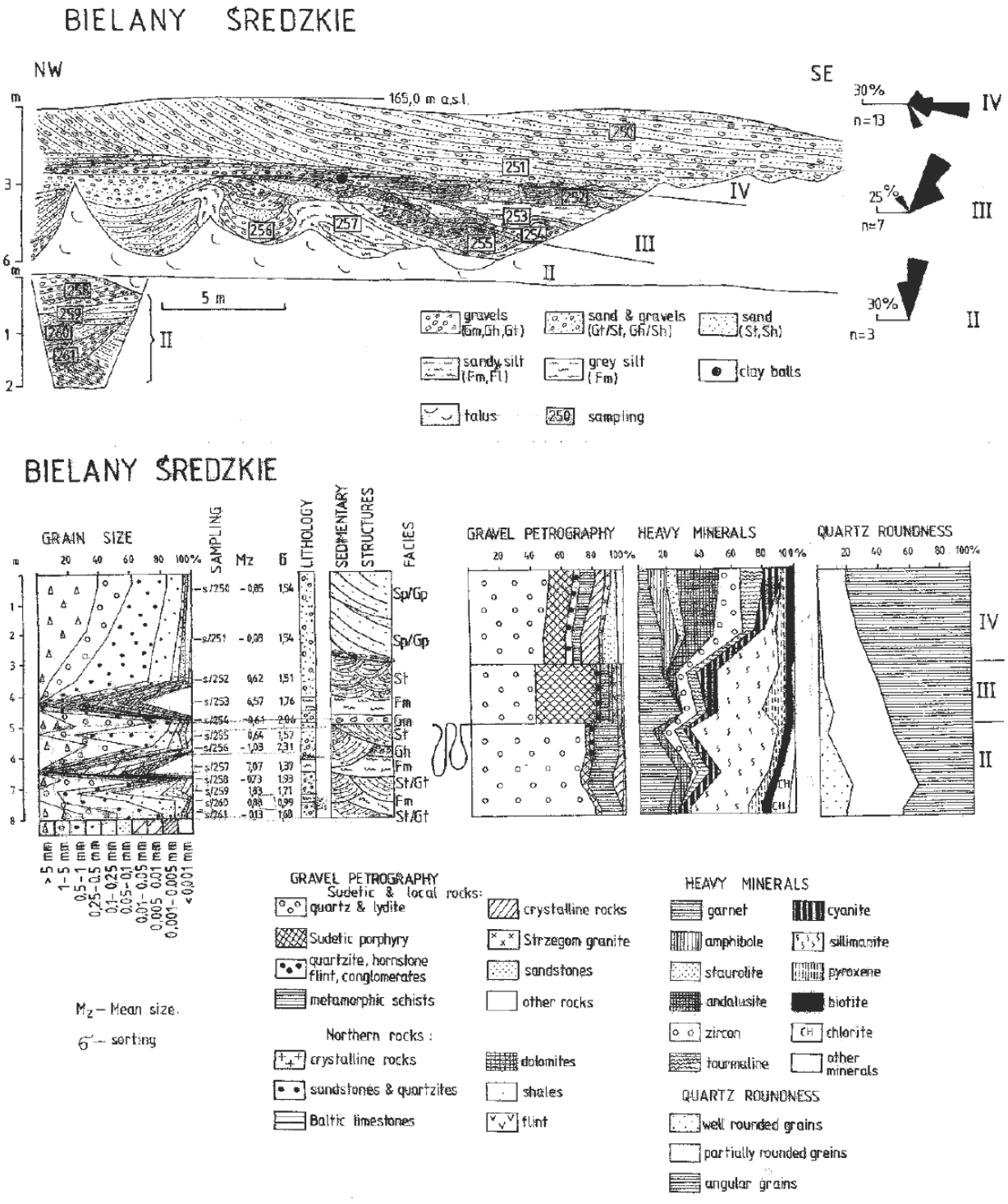


Fig. S7 – Bielany [site 50], distal type locality of the Rokitki–Bielany Formation, representing the Palaeo-Bóbr/Kaczawa .

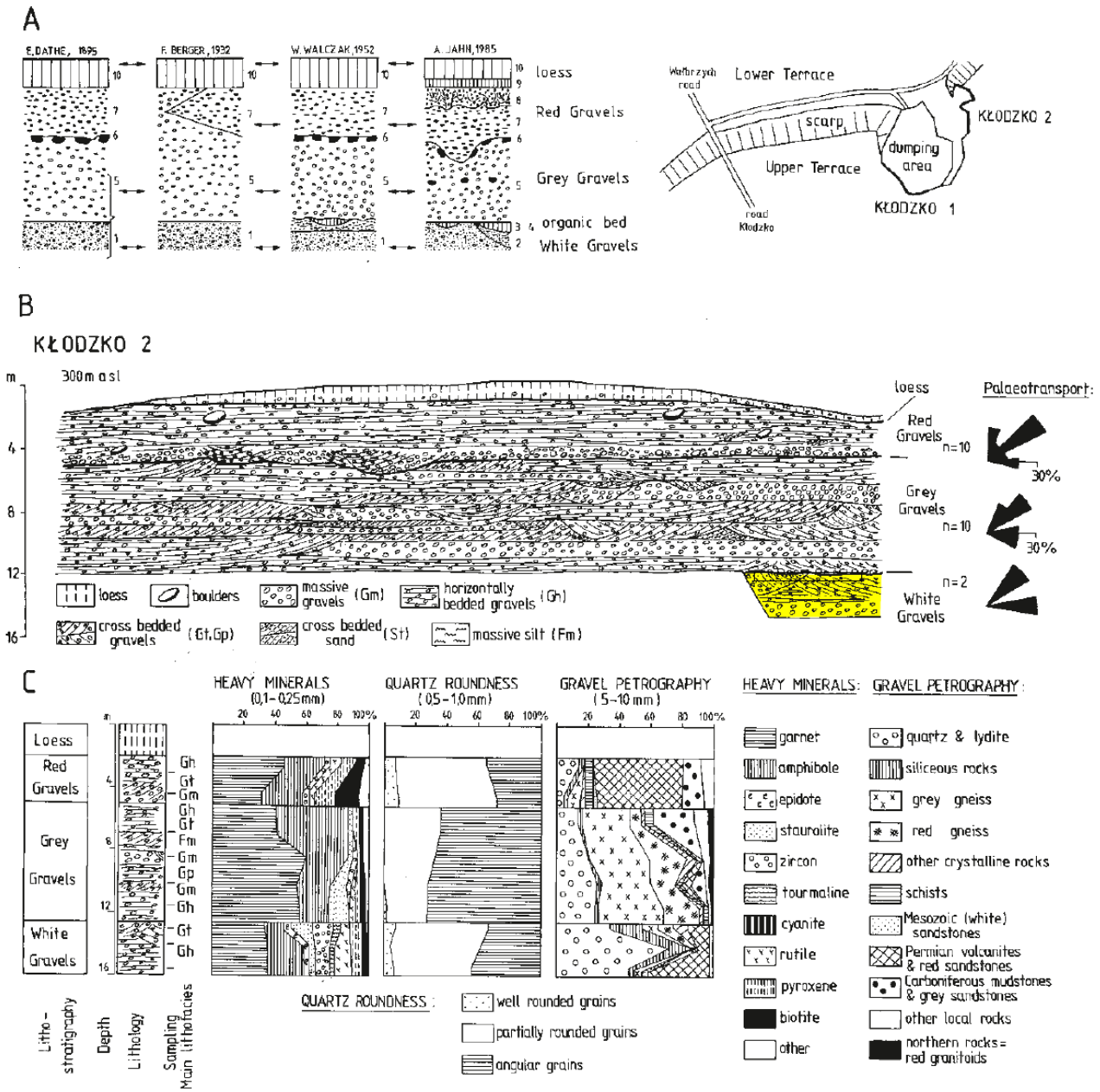


Fig. S8 – Kłodzko, proximal type locality of the Kłodzko–Stankowo Formation. Formation, representing the Palaeo-Nysa Kłodzka river.

Table S1 – Site data from Czerwonka and Krzyszkowski (2001)

number of site	site	stratigraphy	X	Y	top of the series	base of the series	comments
1	Stankowo 1	K-S; 1	36,312	57,570	99.0	-	
2	Swierczyna 2	K-S; 2	36,225	57,562	95.0	-	
3	Taborek	K-S; 3A	37,035	57,012	255.0	-	strongly deformed
4	Budy	K-S; 2	37,027	57,004	255.0	-	strongly deformed
5	Rzetnia	K-S; 3,3A	37,036	56,946	208.0	196.0	slightly deformed
6	Wernikopole	K-S; 3,3A	37,012	56,942	244.0	-	deformed
7	Ignaców	K-S; 3	36,989	56,972	250.0	-	deformed
8	Ligota	K-S; 2	36,958	56,967	215.0	-	deformed
9	Smolarze	K-S; 2	36,960	57,019	174.0	-	
10	Ose	K-S; 3	36,844	56,977	235.0	-	
11	Klonów 1	K-S; 3	36,835	57,006	175.0	-	deformed
12	Klonów 2	K-S; 3	36,835	57,010	186.0	-	strongly deformed
13	Klonów 3	K-S; 3	36,827	57,002	198.0	-	strongly deformed
14	Kamień 1	K-S; 3	36,796	57,003	180.0	-	deformed
15	Kamień 2	K-S; 3	36,800	56,993	185.0	-	deformed
16	Kopalina	K-S; 3-2	36,816	57,040	150.0	-	deformed
17	Cieszyn	K-S; 3-2	36,780	57,012	170.0	-	
18	Chełstówek	K-S; 3	36,743	56,947	235.0	-	deformed
19	Zakrzów	K-S; 3	36,729	57,022	137.0	-	
20	Kuznica Goszcz.	K-S; 3	36,695	56,966	134.0	-	
21	Pierstnica	K-S; 3	36,646	57,015	170.0	-	
22	Trzebnica	K-S; 2	36,447	56,886	198.0	195.0	slightly deformed
23	Marcinowo	K-S; 2	36,413	56,901	180.0	-	strongly deformed
24	Pęgów	K-S; 1	36,360	56,810	130.0	-	
25	Golędzinów Ob/3	P; 3	36,338	56,847	143.0	-	borehole
26	Rościsławice Ob/6	P; 3	36,271	56,873	144.0	123.0	borehole
27	Brzeg Dolny 2	K-S; 2	36,224	56,844	135.0	-	
28	Brzeg Dolny 1	K-S; 1	36,222	56,846	124.0	121.0	
29	Radecz Bg/7	P; 3	36,203	56,867	132.5	125.0	borehole
30	Godzięcin Żm/2	K-S; 1	36,236	56,919	129.5	114.2	borehole; unexpectable heavy mineral content
31	Pogalewo 1	P; 1	36,152	56,813	115.0	112.0	
32	Wołów 1	M-W; 1	36,128	56,892	114.0	111.0	
33	Smardzów Ol/1	C; 1	36,608	56,774	72.0	64.5	borehole
34	Tłustoręby	K-S; 2	36,764	56,160	195.0	-	
35	Gnojna 2	K-S; 1	36,605	56,245	200.0	-	
36	Osinka 1	K-S; 3	36,448	56,085	253.0	-	weathered sediments only
37	Ziębice 1	K-S; 2	36,432	56,088	258.0	-	**holostratotype section**
38	Swiątniki	K-S; 3	36,362	56,389	149.0	124.0	
39	Siemianów 4	K-S; 3	36,334	56,380	170.0	-	strongly deformed
40	Bojanice 1	B; 4,3-2	36,062	56,284	290.0	-	strongly deformed
41	Bojanice 2	B; 3-2	36,064	56,282	290.0	-	deformed
42	Bystrzyca Dolna 1		36,037	56,335	255.0	-	profile not yet studied
43	Sośnica	M-W; 4	36,264	56,571	162.0	-	archival data only
44	Piotrowice Sr/3	W; 1	36,195	56,573	138.2	134.2	borehole
45	Wichrów Sr/1	W; 1	36,102	56,578	154.5	151.3	borehole
46	Osiek Sr/6	W; 1	36,080	56,542	166.5	160.0	borehole
47	Mielęcin	M-W; 3-1	36,052	56,503	200.0	-	
48	Jaroszów - Stanisław-S	M-W; 1	36,027	56,510	192.0	187.0	deformed
50	Bielany	M-W; 4-2 R-B;	35,986	56,620	165.0	-	partly deformed
51	Chałupki Ru/2	P; 2	35,984	57,148	96.0	80.5	borehole
52	Kozów 1		35,875	56,674	175.0	-	profile not yet studied
53	Kozów 2		35,890	56,680	195.0	-	profile not yet studied
54	Wysocko		35,705	56,682	190.0	-	profile not yet studied
55	Rokitki	R-B; 3-2	35,664	56,682	195.8	-	
56	Lubiatów Lg/3	R-B; 2	35,718	56,766	131.0	-	borehole
57	Niedźwiedzice Lg/1	R-B; 2	35,740	56,841	101.0	83.0	borehole
58	Modła Ch/5	R-B; 3-2	35,560	56,920	127.5	95.0	borehole
59	Chocianów Ch/4	R-B; 3-2	35,577	56,741	110.5	83.0	borehole
60	Pogorzeliska Ch/3	R-B; 3	35,642	57,038	134.0	-	borehole; strongly deformed
61	Parchów Ch/2	R-B; 3	35,656	57,069	108.0	-	borehole; strongly deformed
62	Polkowice Gl/3	R-B; 3	35,738	57,099	190.0	-	borehole; strongly deformed
63	Moskorzyn Gl/1	R-B; 1	35,754	57,129	94.3	79.4	borehole; propably deformed

Table S1 (continued)

number of site	site	stratigraphy	X	Y	top of the series	base of the series	comments
64	Wielkocin Ch/1	R-B; 1	35,561	57,065	135.5	123.8	borehole; propably deformed
65	Lądek-Szary Kamień	K-S; 1	36,327	55,818	480.0	475.0	sediments covered by basalt lava
66	Mokra	D; 1	36,938	55,921	195.0	192.0	
67	Dębina	D; 1	36,943	55,932	190.0	186.0	
68	Kłodzko 2	K-S; 2	36,165	55,934	288.0	-	organic deposits, dated
69	Gorzuchów	K-S; 2	36,119	55,961	304.0	-	weathered sediments only
70	Ligota Wielka 1+2	K-S; 4	36,498	55,981	2,790.0	-	deformed
71	Ożary	K-S; 2	36,293	55,982	280.0	-	
72	Janowiec	K-S; 4	36,257	55,983	273.0	-	organic deposits, dated
73	Ząbkowice	Z; 4	36,293	56,088	271.0	268.0	slightly deformed
74	Tulowice	K-S; C; 3-2	36,908	56,110	185.0	166.0	slightly deformed; floral macrofossils
75	Skarbiszowice	K-S; 2	36,893	56,126	196.0	-	
76	Chrząszczyce 1	C; 3-1	37,042	56,134	180.0	-	slightly deformed
77	Chrząszczyce 2	C; 2-1	37,042	56,134	180.0	-	
78	Nowy Dwór	K-S; 3	36,440	56,140	220.0	-	
79	Jagielno	K-S; 2-1	36,560	56,142	245.0	-	
80	Niemodlin 2	C; 2	36,838	56,165	180.0	-	
81	Niemodlin 1 -Wesele	C; 3	36,841	56,166	180.0	-	
82	Gracze	K-S; 2	36,812	56,200	170.0	165.0	sediments underlain by basalt lava
83	Magnuszowiczki	K-S; 2	36,847	56,216	160.0	-	floral macrofossils
84	Skorogoszcz	K-S; 3,2	36,900	56,275	161.0	-	
85	Mleczna	K-S; 3	36,308	56,354	171.5	-	
86	Ligotka Nam/1	K-S; 2	36,887	56,642	136.0	132.0	borehole
87	Radzowice Syc/2	K-S; 3	36,871	56,799	143.0	133.0	borehole; mixed series from K-S & C formations
88	Słupia	K-S; 3A	36,899	56,918	200.0	-	
89	Snowidza 1/6	S; 1(2,3)	35,890	56,610	171.0	149.0	borehole; profile not fully studied
90	Krotoszyn	K-S; 3,2	36,695	57,344	133.0	-	strongly deformed
91	Stankowo Krz/1	K-S; 3	36,317	57,566	95.0	85.0	borehole; mixed series from K-S & C formations
92	Mszczyczyn Gos/1	K-S; 2	36,442	57,586	104.0	101.0	borehole
93	Buków 1/3	M-W; 1	36,110	56,510	168.0	156.5	borehole
94	Zastruże 4/2	M-W; 1	36,062	56,520	167.0	140.2	borehole
95	Kępy 38/1	M-W; R-B; 4-2	35-980	56,660	155.0	124.0	borehole
96	Bardo 2	local; 1	36,244	56,002	300.0	290.0	borehole
97	Bardo 4	local; 1	36,244	56,002	300.0	290.0	borehole
98	Potworów 1	K-S; 3	36,248	56,008	295.0	285.0	borehole
99	Potworów 3	K-S; 3	36,248	56,008	300.0	290.0	borehole
100	Stara Jamka	K-S; 2	36,888	55,980	190.0	-	
101	Swiętów	local; 1	36,680	55,869	270.0	260.0	
102	Czarnolas	K-S; 2	36,635	56,088	230.0	-	
103	Grabin	K-S; 2	36,769	56,110	203.0	-	
104	Roszkowice	K-S; 2	36,800	56,160	195.0	-	
105	Rudziczka	D; 1	36,799	55,865	265.0	250.0	borehole
106	Szybowice	D; 1	36,797	55,832	279.0	250.0	borehole
107	Albetów	Z; 4	36,262	56,088	283.0	-	deformed
108	Brzeg Dolny 3	K-S; M-W; 1,4	36,220	56,847	106.0	100.0	borehole; archival data only; membr IV - mixed series from M-W & R-B formations

D - Dębina Formation
K-S - Kłodzko-Stankowo
C - Chrząszczyce
Z - Ząbkowice Formation
B - Bojanice Formation
W - Wichrów Formation
P - Pogalewo Formation
S - Snowidza Formation

M-W - Mielęcin - Wołów Formation
R-B - Rokitki - Bielany Formation
local - other, not specifically defined preglacjal deposits
1-4 - time units (members)
X - horizontal coordinate of site
Y - vertical coordinate of site
top of the series - "indicates the highest topographic position of sediment "in the studied site"
base of the series - indicates the lover boundary of the formation in non-deformed or only slightly deformed sequences