

APPENDIX 2

Rock-Eval data of selected rock samples for elemental, biomarkers and isotopic analyses, their bitumen content and fractions, stable carbon isotope composition of the bitumen, its fractions and kerogen and n-alkane and isoprenoid indices of the bitumen

Borehole/Outcrop	Code	Depth [m b.g.l.]* sample no.	Stratigraphy/lithostratigraphy	Geographic coordinates		Rock-Eval data					Bitumen [mg/g rock]	Fractions [wt.%]				Stable carbon isotopes $\delta^{13}\text{C}$ [%]					CV	n-Alkane and isoprenoid indices								
				Longitude (N)	Latitude (E)	TOC [wt.%]	T_{\max} [°C]	S_2	PI	HI		sat.	aro.	res.	asph.	sat.	bit.	aro.	res.	asph.	ker.	CPI ₁₇₋₃₁	CPI ₁₇₋₂₃	CPI ₂₅₋₃₁	Pr/Ph	Pr/n-C ₁₇	Ph/n-C ₁₈			
Dukla Unit																														
Krasne Potockie	KPP	XV/B/a	Menilite beds (Ol.)	20°34'26"	49°40'11"	2.3	460	1.06	0.15	45	50	0.88	44	24	24	8	-25.4	-25.0	-24.6	-25.0	-25.5	-25.3	-2.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Krasne Potockie	KPP	XV/B/b	Menilite beds (Ol.)	20°34'26"	49°40'11"	5.2	458	4.2	0.12	80	7	1.34	35	30	25	10	-25.2	-25.0	-23.8	-25.0	-25.3	-25.2	-0.73	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Stopnica-26**^	SI-26	1779.5	Menilite beds (Ol.)	20°23'27"	49°42'07"	0.59	445	0.30	0.4	51	3	0.71	46	13	25	16	-27.2	-27.2	-26.4	-27.2	-26.7	-25.7	-1.44	1.05	1.06	1.06	1.61	0.54	0.48	
Ubiad	Ub	XVI/B/a	Krosno beds (Ol.)	20°42'07"	49°41'05"	0.51	441	0.72	0.28	141	35	1.38	49	19	20	12	-26.4	-25.8	-25.4	-25.7	-26.2	-26.2	-1.25	1.01	1.02	0.98	4.21	1.35	0.3	
Ubiad	Ub	XVI/B/b	Krosno beds (Ol.)	20°42'07"	49°41'05"	0.45	444	0.59	0.29	131	40	1.13	53	15	24	8	-26.5	25.9	-25.6	-25.8	-26.4	-26.3	-1.44	1.03	1.06	0.97	3.67	1.65	0.4	
Kobielnik	Kb	287	Menilite beds (Ol.)	20°06'02"	49°45'59"	8.2	437	31.0	0.06	376	6	8.25	7	19	10	64	-27.1	-26.2	-26.3	-26.4	-26.2	-25.9	-1.48	0.88	0.92	0.79	0.62	1.68	0.52	
Kobielnik	Kb	283	Menilite beds (Ol.)	20°06'02"	49°45'59"	5.1	438	21.9	0.02	432	4	4.69	8	14	15	63	-29.1	-28.8	-29.0	-29.0	-28.8	-28.6	-2.60	1.04	1.04	1.03	0.21	0.68	0.31	
Kobielnik	Kb	286	Menilite beds (Ol.)	20°06'02"	49°45'59"	5.6	436	22.0	0.04	395	11	5.81	5	26	30	39	-27.6	-26.1	-26.2	-26.0	-26.1	-26.1	0.02	1.06	0.98	1.21	0.73	0.96	0.37	
Silesian Unit																														
Borzęta IG 1	BtIG-1	128.0	Istebna beds (U. Cr.-Pc.)	19°59'04"	49°52'46"	1.97	435	0.89	0.03	45	28	0.94	9	13	47	31	-28.1	-27.1	-26.5	-27.0	-26.2	-26.2	0.61	1.69	1.12	2.07	3.39	3.35	1.06	
Borzęta IG 1	BtIG-1	411.4	Istebna beds (U. Cr.-Pc.)	19°59'04"	49°52'46"	1.25	431	0.84	0.05	67	36	0.52	9	11	44	36	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.91	1.13	2.56	3.43	3.07	0.95		
Lipnik	Ln	142	Menilite beds (Ol.)	20°05'25"	49°47'51"	7.2	436	7.8	0.02	109	2	5.49	5	17	17	61	-26.4	-23.9	-24.8	-24.2	-23.7	-23.2	0.18	1.4	1.11	1.65	5.4	5.38	0.83	
Sub-Silesian Unit																														
Wiśniowa IG 1	WilG-1	2027.0	U. Cieszyń beds (L. Cr.)	20°07'04"	49°47'51"	0.79	438	1.82	0.06	230	26	0.76	20	14	31	35	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.01	1.06	0.97	2.75	1.26	0.5		
Lipnik	Ln	138	U. Cieszyń beds (L. Cr.)	20°05'25"	49°47'51"	1.11	426	1.45	0.06	131	36	1.12	26	21	26	27	-28.1	-25.5	-25.4	-25.1	-24.3	-23.4	2.98	1.06	0.95	1.17	1.68	2.61	0.85	
Wiśniowa IG 1	WilG-1	2073.0	U. Cieszyń beds (L. Cr.)	20°07'04"	49°47'51"	1.03	436	1.74	0.09	168	20	1.34	28	10	29	33	-28.9	-27.7	-26.7	-26.4	-25.7	-26.1	2.19	1.08	1.05	1.09	1.64	0.87	0.56	
Lipnik	Ln	139	Grodziszczę [#] (L. Cr.)	20°05'25"	49°47'51"	1.16	426	2.37	0.0	204	14	1.02	20	21	24	35	-27.2	-25.2	-25.5	-25.2	-24.2	-23.5	0.58	1.12	1.03	1.22	1.59	4.15	1.30	
Wiśniowa IG 1	WilG-1	2166.0	Grodziszczę [#] (L. Cr.)	20°07'04"	49°47'51"	0.76	438	1.76	0.06	231	22	0.71	18	13	32	37	-28.7	-26.4	-26.6	-26.3	-25.0	-26.4	1.91	1.05	1.09	1.00	2.09	1.33	0.51	
Paleozoic-Mesozoic basement																														
Waryś-5	Wr-5	1688.0	M. & U. Devonian	20°44'05"	50°03'49"	0.27	n.ap.	n.ap.	n.ap.	n.ap.	n.ap.	0.16	39	16	27	18	-30.3	-29.6	-30.2	-27.7	-30.4	-30.0	-2.04	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	
Grobla-28	Ga-28	2162.2	M. & U. Devonian	20°26'25"	50°06'51"	2.2	n.ap.	0.09	0.61	4	25	0.77	6	7	11	76	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Rajsko-3	Rj-3	1981.2	M. & U. Devonian	20°36'13"	50°06'28"	1.39	446	3.6	0.02	256	12	0.64	25	26	18	31	-31.8	-32.3	-32.6	-31.9	-32.7	-33.0	-3.40	1.09	1.01	1.14	1.19	0.38	0.33	
Rajsko-3**^	Rj-3	1981.5	M. & U. Devonian	20°36'13"	50°06'28"	2.0	444	7.4	0.01	367	10	0.91	12	14	27	47	-31.4	-32.3	-32.2	-31.8	-32.7	-33.1	-3.69	1.01	1.01	1.04	0.73	0.21	0.32	
Rajsko-3	Rj-3	1983.4	M. & U. Devonian	20°36'13"	50°06'28"	2.6	446	4.5																						