

APPENDIX 1

Location and information on coal and carbonaceous shale sampling sites in the Upper Silesian and Lublin Coal Basins

Sample code	Mine	Seam No. (Local division)	Thickness of coal seam (m)	Chronostratigraphy	Surface (m above sea level)	Depth (m below sea level)	Depth of seam bottom (m below surface)	Depth of seam bottom (m below U. Carb. top)	Distance above top or below bottom of coal seam (m)	Sample code	Mine	Seam No. (Local division)	Thickness of coal seam (m)	Chronostratigraphy	Surface (m above sea level)	Depth (m below sea level)	Depth of seam bottom (m below surface)	Depth of seam bottom (m below U. Carb. top)	Distance above top or below bottom of coal seam (m)																																				
Upper Silesian Coal Basin																																																							
Br-20st	Brzeszcze	610	0.8	Ser	253.2	855.81	1109	1066	0.2	Pn-22st	Pniówek	404/2	2.81	B	279.09	689.6	969	693	0.25																																				
Br-20c										Pn-22c																																													
Br-20sb										Pn-22sb																																													
Br-21st										Pn-23st																																													
Br-21c										Pn-23c																																													
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Br-23sb										Pn-25sb																																													
Br-24st										Pn-26st																																													
Br-24c										Pn-26c																																													
Br-24sb										Pn-26sb																																													
Ja-20st										Jastrzębie										510/1	3.6	B	237	791	1028	716	0.1	Pn-27st	Pniówek	357/1	1.7	B	267.8	647.8	916	419	0.5																		
Ja-20c																												Pn-27c																											
Ja-20sb																												Pn-27sb																											
Ja-21st																												Si-20st										510/1lg	2.4	B	269	587.5	857	393	0.15	Si-20c	Mos	315	1.83	Mos	257.4	505.8	763	590	0.45
Ja-21c																																														Si-20c									
Ja-21sb																																														Si-20sb									
Ja-22st																												B										510/1lg	2.1	B	252	497.05	749	382	0.1	Si-21st	Mos	325/1	2.5	Mos	246.7	447.4	694	484	0.1
Ja-22c																																														Si-21c									
Ja-22sb																																														Si-21sb									
MI-20st	Marcel	712/1-2 + 713/1	2.1	Ser	279.2	666.9	946	914	0.1		Si-22st	Silesia	327	2.32	Mos	243.3	387.7	631	386																											0.1									
MI-20c										Si-22c																																													
MI-20sb										Si-22sb																																													
MI-21st										Ser	712/1-2 + 713/1									3.0	Ser	238.5	735.8	974	959	0.1	Si-23st	Mos	315	2.47	Mos	259.9	528.15	788	613	0.05																			
MI-21c																											Si-23c																												
MI-21sb																											Si-23sb																												
MI-22st										B	502/2									1.6	B	271.1	396.6	668	601	0.15	Zo-21st	Zofiówka	505/1	3.5	B	258	694	952	154	0.5																			
MI-22c																											Zo-21c																												
MI-22sb																											Zo-21sb																												
MI-23st																											B										507	6.3	B	285.5	491.6	777	714	0.1	Zo-22st		Mos	505/1	3.3	B	260	742.6	1003	277	0.6
MI-23c																																													Zo-22c										
MI-23sb																																													Zo-22sb										
MI-24st	B	505	7.7	B	249	156.9	406	378	0.1	Lublin Coal Basin																																													
MI-24c																																																							
MI-25st	Ser	712/1-2 + 713/1	3.3	Ser	267.2	662.5	930	912	0.15	Bo-20st	Bogdanka	391	2.54	Mos	170.9	804.72	975.62	281.06	0.6																																				
MI-25c										Bo-20c																																													
MI-25sb										Bo-20sb																																													
Pn-21st	Pniówek	363	2.3	B	265	726.5	992	517	0.45	Bo-21st	Mos	385	1.75	Mos	178.2	779.48	957.68	226.05	0.4																																				
Pn-21c										Bo-21c																																													
Pn-21sb										Bo-21sb																																													

Mos – Moscovian (Łaziska Beds = 201–215 seams, Orzesze Beds s.s. = 301–327 seams in USCB and 381–391 seams in LCB); B – Bashkirian (Załęże Beds = 328–406 seams, Ruda Beds = 407–420 seams and Zabrze Beds = 501–510 seams); Ser – Serpukhovian (Poruba Beds = 601–630 seams and Jaklovec Beds = 701–723 seams); U. Carb. – Upper Carboniferous; c – channel coal sample; st – block shale sample collected above top of coal seam; sb – block shale sample collected below bottom of coal seam