

APPENDIX 2

Results of microprobe chemical analysis of feldspars

Borehole	Depth (m)	Formation	Analytical point	SiO ₂	Al ₂ O ₃	K ₂ O	Na ₂ O	CaO	FeO	TiO ₂	MnO	Rock type	
Gdańsk IG 1	2921.1	Pelplin	3	64.7	19.0	15.8	0.0	0.00	0.5	0.0	0.0	Feldspar type	
			4	68.7	20.4	0.1	10.6	0.7	0.1	0.0	0.2	Albite	
	2981.8	Pelplin	1	65.2	18.8	16.2	0.3	0.04	0.1	0.1	0.1	K-feldspar	
			2	63.4	24.1	0.2	8.9	4.0	0.	0.0	0.0	0.0	Albite
Kościerzyna IG 1	4304.9	Pelplin	3	70.3	19.6	0.0	11.4	0.0	0.0	0.0	0.01	Albite	
			6	63.9	18.6	16.0	0.3	0.0	0.1	0.0	0.3	K-feldspar	
	4335.0	Pasłęk	7	68.5	19.1	0.2	11.1	0.1	0.1	0.0	0.1	Albite	
			5	66.3	20.4	0.4	11.1	1.7	0.0	0.2	0.0	0.0	Albite
Lębork IG 1	2099.0	Kociewie	6	63.8	18.6	16.7	1.2	0.0	0.2	0.2	0.2	K-feldspar	
			1	66.0	19.2	15.4	0.4	0.0	0.1	0.2	0.0	K-feldspar	
			5	68.7	18.8	0.2	11.4	0.0	0.3	0.2	0.0	0.0	Albite
Olsztyn IG 2	2208.3	Pelplin	6	64.6	18.7	16.1	0.1	0.0	0.0	0.1	0.1	K-feldspar	
			1	66.9	20.7	0.1	10.2	1.5	0.0	0.0	0.0	0.0	Albite
			2	68.0	19.8	0.1	11.6	0.1	0.0	0.1	0.1	0.1	Albite
	2297.9	Pelplin	3	64.7	18.3	16.8	0.2	0.0	0.0	0.0	0.0	0.0	K-feldspar
			1	64.9	18.2	16.2	0.5	0.0	0.0	0.2	0.1	0.1	K-feldspar
			2	70.6	18.6	0.3	9.2	0.3	0.3	0.1	0.2	0.2	Albite
2310.2	Pelplin	1	64.9	18.3	15.9	0.5	0.2	0.0	0.2	0.2	0.0	K-feldspar	
		2	68.2	21.0	0.6	8.6	1.1	0.3	0.0	0.0	0.0	Albite	
		3	68.0	20.3	0.0	10.8	0.9	0.0	0.0	0.0	0.3	Albite	
2398.4	Pasłęk	2	65.9	22.3	0.1	10.2	1.9	0.3	0.0	0.0	0.0	Albite	
		3	63.1	19.4	15.8	0.7	0.0	0.1	0.0	0.0	0.0	K-feldspar	
		1	68.6	19.2	0.2	11.1	0.1	0.0	0.1	0.1	0.1	Albite	
Prabuty IG 1	3201.9	Pelplin	2	65.2	18.4	16.2	0.2	0.0	0.4	0.0	0.1	K-feldspar	
			3	64.4	18.8	16.2	0.2	0.1	0.6	0.1	0.1	K-skalen	
	3230.1	Pasłęk	4	67.2	19.1	0.0	12.6	0.1	0.0	0.0	0.1	Albite	
			3	63.8	18.9	15.8	0.8	0.0	0.3	0.4	0.0	K-feldspar	
	3347.5	Pasłęk	4	68.1	20.6	0.0	10.7	0.7	0.4	0.0	0.0	Albite	
Żarnowiec IG 1	2450.1	Pelplin	2	64.5	18.8	16.7	0.5	0.0	0.1	0.1	0.0	K-feldspar	
			3	67.0	19.9	0.1	10.7	0.4	0.1	0.0	0.1	Albit	
	2546.7	Pelplin	1	64.3	18.4	16.2	0.6	0.1	0.0	0.1	0.2	K-feldspar	
			2	67.9	20.4	0.4	10.3	0.4	0.1	0.5	0.0	Albite	