

Table 2

**ELEMENTS CO-OCCURRING IN ZINC AND LEAD ORES DEPOSITS**  
 – resources in Poland as of 31.XII.2021  
 [thousand tonnes of an element]

	Deposit	The state of development	Estimated resources	Economic resources	Output
<b>ARSENIC number of deposits: 1</b>			<b>5.57</b>	-	-
1	Zawiercie 3	R	5.57	-	-
<b>GALLIUM number of deposits: 1</b>			<b>0.13</b>	-	-
1	Zawiercie 3	R	0.13	-	-
<b>GERMANIUM number of deposits: 1</b>			<b>0.03</b>	-	-
1	Zawiercie 3	R	0.03	-	-
<b>CADMIUM number of deposits: 8</b>			<b>20.21</b>	-	-
1	Chechło	P	0.95	-	-
2	Gołuchowice	R	5.60	-	-
3	Marciszów	P	0.25	-	-
4	Olkusz	Z	0.37	-	-
5	Rodaki-Rokitno Szlacheckie	P	0.8 tonnes	-	-
6	Sikorka	R	0.16	-	-
7	Zawiercie I	R	0.21	-	-
8	Zawiercie 3	R	12.67	-	-
<b>SULFUR number of deposits: 8</b>			<b>1,956.35</b>	-	-
1	Chechło	P	34.01	-	-
2	Gołuchowice	R	304.50	-	-
3	Marciszów	P	12.02	-	-
4	Olkusz	Z	19.35	-	-
5	Rodaki-Rokitno Szlacheckie	P	46.23	-	-
6	Sikorka	R	66.39	-	-
7	Zawiercie I	R	12.23	-	-
8	Zawiercie 3	R	1,461.62	-	-
<b>SILVER number of deposits: 8</b>			<b>0.80</b>	-	-
1	Chechło	P	0.07	-	-
2	Gołuchowice	R	0.10	-	-
3	Marciszów	P	1.7 tonnes	-	-
4	Olkusz	Z	0.01	-	-
5	Rodaki-Rokitno Szlacheckie	P	0.05 tonnes	-	-
6	Sikorka	R	0.06	-	-
7	Zawiercie I	R	0.01	-	-
8	Zawiercie 3	R	0.55	-	-
<b>THALLIUM number of deposits: 1</b>			<b>0.15</b>	-	-
1	Zawiercie 3	R	0.15	-	-

Table 3

**ELEMENTS CO-OCCURRING IN Cu-Ag ORES DEPOSITS – resources in Poland as of 31.XII.2021**  
**[thousand tonnes of an element]**

	Deposit	The state of development	Estimated resources ( <sup>s</sup> -sub-economic resources)	Economic resources	Output
<b>ZINC number of deposits: 8</b>			<b>1,875.45</b> <b>267.26<sup>s</sup></b>	-	<b>2.23</b>
1	Bytom Odrzański	R	17.40	-	-
2	Głogów	R	267.26 <sup>s</sup>	-	-
3	Głogów Głęboki Przemysłowy	E	227.53	-	2.23
4	Mozów	P	14.65	-	-
5	Nowa Sól	P	407.00	-	-
6	Retków	R	52.17	-	-
7	Sulmierzyce Północ	P	1,132.40	-	-
8	Żary	P	24.30	-	-
<b>COBALT number of deposits: 14</b>			<b>157.45</b> <b>22.32<sup>s</sup></b>	-	<b>1.70</b>
1	Bytom Odrzański	R	5.62	-	-
2	Głogów	R	22.32 <sup>s</sup>	-	-
3	Głogów Głęboki Przemysłowy	E	19.48	-	0.19
4	Lubin-Małomice	E	40.50	-	0.86
5	Mozów	P	2.66	-	-
6	Niecka Grodziecka	Z	0.28	-	-
7	Nowa Sól	P	18.34	-	-
8	Polkowice	E	2.41	-	0.09
9	Radwanice-Gaworzyce	E	4.77	-	0.00
10	Retków	R	12.80	-	-
11	Rudna	E	15.75	-	0.28
12	Sierszowice	E	7.91	-	0.28
13	Sulmierzyce Północ	P	22.64	-	-
14	Wartowice	R	4.29	-	-
<b>MOLYBDENUM number of deposits: 11</b>			<b>117.82</b> <b>6.75<sup>s</sup></b>	-	<b>1.23</b>
1	Głogów	R	6.75 <sup>s</sup>	-	-
2	Lubin-Małomice	E	24.15	-	0.51
3	Mozów	P	6.55	-	-
4	Niecka Grodziecka	Z	0.30	-	-
5	Nowa Sól	P	20.99	-	-
6	Polkowice	E	4.66	-	0.17
7	Radwanice-Gaworzyce	E	5.77	-	0.00
8	Retków	R	5.66	-	-
9	Rudna	E	12.91	-	0.23
10	Sierszowice	E	9.01	-	0.32
11	Sulmierzyce Północ	P	25.99	-	-
12	Wartowice	R	1.83	-	-
<b>NICKEL number of deposits: 10</b>			<b>111.02</b> <b>17.35<sup>s</sup></b>	-	<b>0.74</b>
1	Bytom Odrzański	R	6.20	-	-
2	Głogów	R	17.35 <sup>s</sup>	-	-
3	Głogów Głęboki Przemysłowy	E	14.00	-	0.14
4	Lubin-Małomice	E	15.98	-	0.34
5	Mozów	P	9.26	-	-
6	Nowa Sól	P	15.57	-	-
7	Radwanice-Gaworzyce	E	9.28	-	0.01
8	Retków	R	7.98	-	-
9	Rudna	E	13.86	-	0.25
10	Sulmierzyce Północ	P	18.89	-	-
<b>LEAD number of deposits: 16 (including anticipated economic resources – 1,170.00* and anticipated sub-economic resources - 415.43**)</b>			<b>2,968.37</b>	<b>833.21</b>	<b>57.06</b>

	Deposit	The state of development	Estimated resources ( <sup>s</sup> -sub-economic resources)	Economic resources	Output
1	Bytom Odrzański	R	*) 0.45	-	-
2	Głogów	R	***) 415.43	-	-
3	Głogów Głęboki Przemysłowy	E	225.23	-	2.20
4	Lubin-Małomice	E	*) 499.56	471.32	26.14
5	Mozów	P	28.50	-	-
6	Niecka Grodziecka	Z	1.02	-	-
7	Nowa Sól	P	1,663.00	-	-
8	Nowy Kościół	Z	*) 7.28	-	-
9	Polkowice	E	*) 32.31	17.14	2.03
10	Radwanice-Gaworzyce	E	111.03	-	0.13
11	Retków	R	*) 169.70	-	-
12	Rudna	E	*) 295.72	211.75	11.29
13	Sierszowice	E	*) 145.68	133.00	15.27
14	Sulmierzyce Północ	P	715.99	-	-
15	Wartowice	R	*) 19.30	-	-
16	Żary	P	223.60	-	-
<b>RARE EARTH ELEMENTS number of deposits: 1</b>			<b>30.99</b>	-	-
1	Nowa Sól	P	30.99	-	-
<b>RHENIUM number of deposits: 1</b>			<b>0.56</b>	-	-
1	Nowa Sól	P	0.56	-	-
<b>SULFUR number of deposits: 3</b>			<b>5,137.08</b> <b>3,627.54<sup>s</sup></b>	-	-
1	Bytom Odrzański	R	3,023.82	-	-
2	Głogów	R	3,627.54 <sup>s</sup>	-	-
3	Retków	R	2,113.26	-	-
<b>VANADIUM number of deposits: 10</b>			<b>238.90</b> <b>19.84<sup>s</sup></b>	-	<b>2.59</b>
1	Głogów	R	19.84 <sup>s</sup>	-	-
2	Lubin-Małomice	E	20.81	-	0.44
3	Mozów	P	31.31	-	-
4	Nowa Sól	P	22.75	-	-
5	Polkowice	E	10.15	-	0.36
6	Radwanice-Gaworzyce	E	20.67	-	0.02
7	Retków	R	19.58	-	-
8	Rudna	E	38.74	-	0.69
9	Sierszowice	E	30.35	-	1.08
10	Sulmierzyce Północ	P	44.54	-	-

\*) resources documented as anticipated economic

\*\*) resources documented as anticipated sub-economic

Accepted abbreviations:

**B** - for solid minerals - mine in building process, for fuels - prepared for exploitation or trial period of the exploitation

**E** - exploited

**G** - underground natural gas storage facilities

**M** - deposit crossed out of the annual report of mineral resources during analyzed period

**P** - deposit covered by preliminary exploration (in C<sub>2</sub>+D category, for fuels – in C category)

**R** - deposit covered by detailed exploration (in A+B+C<sub>1</sub> category, for fuels – in A+B category)

**Z** - abandoned deposit

**T** - deposit exploited temporarily

**K** - change of the raw material in deposit