

Table 2

**ELEMENTS CO-OCCURRING IN ZINC AND LEAD ORES DEPOSITS**  
 – resources in Poland as of 31.XII.2022  
 [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>22.59</b>	-	-
1	Chechło	P	0.95	-	-
2	Gołuchowice	R	5.60	-	-
3	Marciszów	P	0.25	-	-
4	Olkusz	Z	2.75	-	-
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>2,091.86</b>	-	-
1	Chechło	P	34.01	-	-
2	Gołuchowice	R	304.50	-	-
3	Marciszów	P	12.02	-	-
4	Olkusz	Z	154.86	-	-
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: 9</b>			<b>2,190.67</b> <b>225.20<sup>s</sup></b>	-	<b>2.42</b>
1	Bytom Odrzański	R	17.40	-	-
2	Głogów	R	225.20 <sup>s</sup>	-	-
3	Głogów Głęboki Przemysłowy	E	222.94	-	2.42
4	Mozów	P	14.65	-	-
5	Nowa Sól	P	402.38	-	-
6	Retków	R	35.50	-	-
7	Retków-Grodziszczce	R	341.10	-	-
8	Sulmierzyce Północ	P	1,132.40	-	-
9	Żary	P	24.30	-	-
<b>COBALT number of deposits: 15</b>			<b>183.51</b> <b>17.40<sup>s</sup></b>	-	<b>1.74</b>
1	Bytom Odrzański	R	5.62	-	-
2	Głogów	R	17.40 <sup>s</sup>	-	-
3	Głogów Głęboki Przemysłowy	E	19.09	-	0.21
4	Lubin-Małomice	E	40.25	-	0.79
5	Mozów	P	2.66	-	-
6	Niecka Grodziecka	Z	0.28	-	-
7	Nowa Sól	P	15.92	-	-
8	Polkowice	E	2.34	-	0.05
9	Radwanice-Gaworzyce	E	4.73	-	0.00
10	Retków	R	11.50	-	-
11	Retków-Grodziszczce	R	32.00	-	-
12	Rudna	E	15.14	-	0.42
13	Sierszowice	E	7.05	-	0.27
14	Sulmierzyce Północ	P	22.64	-	-
15	Wartowice	R	4.29	-	-
<b>MOLYBDENUM number of deposits: 13</b>			<b>123.43</b> <b>4.60<sup>s</sup></b>	-	<b>1.23</b>
1	Głogów	R	4.60 <sup>s</sup>	-	-
2	Lubin-Małomice	E	24.00	-	0.48
3	Mozów	P	6.55	-	-
4	Niecka Grodziecka	Z	0.30	-	-
5	Nowa Sól	P	18.56	-	-
6	Polkowice	E	4.52	-	0.10
7	Radwanice-Gaworzyce	E	5.74	-	0.00
8	Retków	R	6.30	-	-
9	Retków-Grodziszczce	R	9.20	-	-
10	Rudna	E	12.41	-	0.35
11	Sierszowice	E	8.03	-	0.31
12	Sulmierzyce Północ	P	25.99	-	-
13	Wartowice	R	1.83	-	-
<b>NICKEL number of deposits: 11</b>			<b>128.69</b> <b>15.20<sup>s</sup></b>	-	<b>0.83</b>
1	Bytom Odrzański	R	6.20	-	-
2	Głogów	R	15.20 <sup>s</sup>	-	-
3	Głogów Głęboki Przemysłowy	E	13.72	-	0.15
4	Lubin-Małomice	E	15.88	-	0.31
5	Mozów	P	9.26	-	-
6	Nowa Sól	P	15.00	-	-
7	Radwanice-Gaworzyce	E	9.22	-	0.00
8	Retków	R	7.60	-	-
9	Retków-Grodziszczce	R	19.60	-	-
10	Rudna	E	13.32	-	0.37
11	Sulmierzyce Północ	P	18.89	-	-

	Deposit	The state of development	Estimated resources ( <sup>s</sup> -sub-economic resources)	Economic resources	Output
<b>LEAD number of deposits: 17 (including anticipated economic resources – 1,142.12* and anticipated sub-economic resources – 300.70**)</b>			<b>3,356.43</b>	<b>839.82</b>	<b>53.42</b>
1	Bytom Odrzański	R	*) 0.45	-	-
2	Głogów	R	***) 300.70	-	-
3	Głogów Głęboki Przemysłowy	E	220.69	-	2.39
4	Lubin-Małomice	E	*) 507.16	478.95	22.65
5	Mozów	P	28.50	-	-
6	Niecka Grodziecka	Z	1.02	-	-
7	Nowa Sól	P	1,640.73	-	-
8	Nowy Kościół	Z	*) 7.28	-	-
9	Polkowice	E	*) 30.98	15.88	1.93
10	Radwanice-Gaworzyce	E	109.90	-	0.09
11	Retków	R	*) 130.90	-	-
12	Retków-Grodziszczce	R	416.00	-	-
13	Rudna	E	*) 295.87	207.38	11.21
14	Sieroszowice	E	*) 150.18	137.61	14.97
15	Sulmierzyce Północ	P	715.99	-	-
16	Wartowice	R	*) 19.30	-	-
17	Żary	P	223.60	-	-
<b>RARE EARTH ELEMENTS number of deposits: 1</b>			<b>30.11</b>	-	-
1	Nowa Sól	P	30.11	-	-
<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>2,766.40<sup>s</sup></b>	-	-
1	Bytom Odrzański	R	3,023.82	-	-
2	Głogów	R	2,766.40 <sup>s</sup>	-	-
3	Retków	R	2,113.26	-	-
<b>VANADIUM number of deposits: 10</b>			<b>227.37</b> <b>16.80<sup>s</sup></b>	-	<b>2.73</b>
1	Głogów	R	16.80 <sup>s</sup>	-	-
2	Lubin-Małomice	E	20.68	-	0.41
3	Mozów	P	31.31	-	-
4	Nowa Sól	P	22.21	-	-
5	Polkowice	E	9.84	-	0.22
6	Radwanice-Gaworzyce	E	20.52	-	0.01
7	Retków	R	14.00	-	-
8	Rudna	E	37.24	-	1.04
9	Sieroszowice	E	27.03	-	1.05
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