	Import		Export		
Mineral raw	Quantity	Value	Quantity	Value	
materials	(kg)	(PLN	(kg)	(PLN	
	(kg)	thousand)	(kg)	thousand)	
I. FUELS Total:	56,144,682,663	79,776,144	18,572,673,837	24,875,229	
Natural gas			onfidentiality of the		
Crude oil	27,197,250,748	49,274,895	241,217,533	452,124	
Petroleum products	8,149,610,410	19,159,907	5,605,521,290	10,774,899	
Hard coal, including:	19,257,551,470	7,902,247	4,916,244,267	2,566,481	
- anthracite	395,526,885	206,428	50,594,681	32,825	
- humic, coke, nonintegrated	3,519,856,708	2,629,243	2,922,581,858	1,733,202	
- humic without coke, powder,	10,588,398,692	3,460,264	82,426,550	24,958	
nonintegrated	, , ,	, ,	, ,	,	
- other (without anthracite and	4,741,541,979	1,601,310	1,852,127,181	770,151	
humic)					
- briquet	12,227,206	5,002	8,513,997	5,345	
Brown coal	320,601,068	102,787	287,311,323	36,131	
Coal gas other than from crude oil	814	353	1,606	30	
Chemical products	383,717,960	875,762	561,189,690	1,111,048	
Coke and semi-coke	211,986,985	174,435	6,577,733,247	7,888,578	
Products from ennobled coal	62,366,331	921,072	107,279,589	1,181,004	
Bitumen and natural asphalt,	352,161,134	1,287,456	209,259,480	835,684	
bituminous schist					
II. METALS	11 (90 2(( 122	22.070.501	2 504 222 417	22 717 002	
Total:	11,689,266,132	23,969,591	3,594,332,417	22,717,003	
Aluminum, including:	1,181,990,558	8,024,448	555,952,846	3,630,882	
- ores and concentrates	59,868,753	48,602	536,465	1,341	
- wastes containing Al - non-alloys, non-processed	4,343,057 195,524,882	11,554 1,572,605	14,145,572 21,471,645	38,047 176,623	
- alloys	509,042,743	4,572,113	252,686,636	1,973,805	
- wastes ands scrap	263,018,825	1,363,337	250,438,457	1,376,617	
- powders and flakes	1,314,228	20,440	2,899,207	39,140	
- compounds	148,878,070	435,797	13,774,864	25,308	
Antimony, including:	1,171,804	34,544	80,926	2,555	
- non-processed, powders, wastes,	88,963	3,053	38,471	1,268	
scrap	·			·	
- compounds	1,082,841	31,491	42,455	1,287	
Barium (see: Strontium and barium of	or barium compound	s in: Chemicals	)		
Beryllium:					
- non-processed, wastes, scrap,	1	1	0	0	
powders					
Bismuth: - non-processed., powders, scrap	22,526	937	1 457	59	
Cerium, including:	1,335,588	45,184	1,457 9,647	1,647	
- compounds	1,334,145	45,115	9,047	1,599	
- Fe-Ce alloys	1,443	69	643	47	
Chromium, including:	32,798,170	59,094	10,429,622	27,162	
- ores and concentrates	30,752,339	31,237	1,376,120	3,155	
- non-processed, alloys, powders,	514,177	4,554	8,755,812	19,481	
scrap					
- compounds	1,531,654	23,303	297,690	4,526	
Tin, including:	9,134,972	402,819	1,306,283	98,655	
- ores and concentrates	108,097	1,034	0	0	
- ash and remains containing Sn	2,415,700	54,829	1 257 199	04 228	
- non-alloys	1,205,539	91,445 67,807	1,256,188	94,328	
<ul><li>alloys</li><li>wastes ands scrap</li></ul>	1,399,926 3,980,851	67,897 185,409	23,632 9,409	2,465 298	
- compounds	24,859	2,206	17,054	1,564	
Zinc, including:	304,056,794	1,638,959	122,748,722	1,258,827	
- ores and concentrates	167,003,203		1,578,045		
•	, , , , ,	.,	, ,	. ,	

Import		r t	Export		
Mineral raw materials	Quantity (kg)	Value (PLN thousand)	Quantity (kg)	Value (PLN thousand)	
- ash and remains containing	17,701,951	64,167	7,880,890	57,648	
mainly Zn	, ,	ĺ	, ,	,	
- non-alloy	55,128,705	623,003	78,630,498	878,502	
- alloys	13,252,809	159,924	5,571,792	64,806	
- wastes ands scrap	12,840,288	89,824	9,880,743	86,144	
- powders, dust and flakes	4,226,571	60,424	1,756,692	13,088	
- compounds	33,903,267	191,412	17,450,062	149,103	
Zirkon, including:	1,858,346	11,806	69,423	490	
- ores and concentrates	1,799,935	11,110	69,206	482	
- non-processed, powders, wastes,	58,411	696	217	7	
scrap Galium, indium, thallium:					
- non-processed, scrap, wastes,	941	406	398	231	
powders	241	400	398	231	
Germanium, including:	57,380	2,054	1	7	
- non-processed, scrap, wastes,	4	32	1	7	
powders	·	32	1	,	
- compounds	57,376	2,022	0	0	
Hafnium:	,	,			
- non-processed, scrap	1	1	130	22	
Iridium, osmium, ruthenium:					
- raw, powders	0	43	0	0	
Cadmium, including:	408	42	800	9	
- non-processed, scrap, powders	55	27	0	0	
- compounds	353	15	800	9	
Cobalt, including:	40,447	9,320	15,635	2,426	
- non-processed, powders, wastes,	20,791	5,450	11,769	1,688	
scrap	10.656	2.070	2.066	720	
- compounds	19,656	3,870	3,866	738	
Lithium:	240.762	17.240	22 105	2 202	
- compounds Magnesium, including:	249,762 150,900,522	17,240 302,146	32,185 40,568,858	2,202 63,273	
- metallic, non-processed	9,314,498	92,905	174,139	1,750	
- scrap, wastes, powders	2,130,734	19,128	3,520,570	30,348	
- compounds	139,455,290	190,113	36,874,149	31,175	
Manganese, including:	116,726,583	181,020	113,571,695	118,297	
- ores	102,595,700	93,673	111,807,805	105,972	
- non-processed, scrap, wastes,	2,947,229	22,069	1,302,439	9,314	
powders					
- compounds	11,183,654	65,278	461,451	3,010	
Alkalic metals (excluding sodium)	16,227	370	0	0	
Precious metals, including:	3,820,583	1,394,599	6,139,085	2,518,884	
- ores and concentrates	560	49	0	0	
- wastes, scrap (excluding Au, Pt)	1,258,205	299,364	1,890,256	341,042	
- non jewelry products (excluding Au, Pt), catalysts	55,098	19,740	3,861	2,868	
- compounds	2,506,720	1,075,445	4,244,968	2,174,974	
Rare earth elements; yttrium,	2,300,720	1,075,445	7,277,700	2,174,774	
scandium (unresolved), including:					
- non-alloy, not mixed., mixtures,	21,884	118	4	6	
alloys	,				
Copper, including:	257,252,279	2,922,235	467,011,707	7,338,545	
- ores and concentrates	127,568,391	1,090,907	149,790,252	542,248	
- wastes containing Cu	13,921	262	1,002,903	6,817	
- copper mattes and cement Cu	227,399	5,537	1,900,240	15,149	
- unrefined (anodes for electro-	4,476,059	108,362	35,732	2,306	
refining)	2 506 674	02.204	200 702 512	4.020.266	
- refined (cathodes etc.)	3,596,674	83,384	209,702,512	4,920,366	
- alloys (brass, bronze, alpaca etc.; transitional alloys)	2,449,227	51,651	3,375,425	81,756	
- wastes, scrap	57,110,365	1,000,500	30,054,014	618,905	
- wastes, scrap - wastes and alloys scrap	52,771,207	491,725	60,563,789	1,041,796	
- powders and flakes	344,940	14,257		39,352	
		,== /	-,,		

	Import		Export		
Mineral raw	Quantity	Value	Quantity	Value	
materials	(kg)	(PLN	(kg)	(PLN	
		thousand)		thousand)	
- compounds	8,694,096	75,650	9,549,722	69,849	
Molybdenum, including:	1,064,566	53,328	1,215,952	61,988	
- ores and concentrates	229,171	12,218	33,300	1,580	
- non-processed, wastes, scrap - powders	84,490 504	1,534   87	36,991 0	1,399 0	
- compounds	750,401	39,489	1,145,661	59,008	
Nickel, including:	5,155,273	265,170	3,505,953	71,938	
- non-alloy and indirect	4,105,320	199,526	569,763	29,257	
metallurgical products					
- non-processed alloys	214,250	28,095	41,300	4,424	
- wastes and scrap of non-alloy	363	10	5,772	283	
<ul><li>wastes and alloys scrap</li><li>powders and flakes</li></ul>	34,173 91,749	1,319 10,667	976,367 9,230	16,448 1,209	
- compounds	709,418	25,552	1,903,521	20,317	
Niobium and rhenium:	700,110	23,332	1,505,521	20,517	
- non-processed, scrap, wastes,	2	1	1,151	4,703	
powders			·	·	
Lead, including:	116,486,802	946,330	105,906,863	660,562	
- ores and concentrates	499,075	1,639	37,295,861	59,465	
- wastes containing Pb	218	726 657	56,496	298	
- refined and unrefined, non- processed	84,001,803	726,657	40,971,868	354,851	
- alloys	8,990,137	91,319	23,496,768	220,163	
- wastes and scrap	18,002,398	99,614	2,934,502	14,741	
- powders and flakes	12	3	0	0	
- compounds	4,993,159	27,096	1,151,368	11,043	
Radioactive elements (unresolved)	4,781	36,832	18,732	86,128	
Palladium:	2.220	276.600	1.42	0.000	
- raw and in the form of powder	3,230	376,690	142	9,202	
Platinum, including: - raw, in the form of powder	55,066 1,813	267,281 191,369	136,039 173	75,867 3,442	
- wastes, scrap	51,401	2,903	88,663	60,143	
- catalysts	1,852	73,010	47,203	12,282	
Rhodium:	·	ĺ	·	Í	
- raw, in the form of powder	519	137,134	22	660	
Mercury:					
- metallic	5,251	190	0	0	
Sodium:	40.004	1 170	2 100	71	
- metallic Silver, including:	40,904 268,551	1,178 119,992	2,100	2 007 770	
- raw and in the form of semi-	203,243	73,785	1,228,381 1,155,524	2,097,770 2,085,452	
product	203,213	75,765	1,133,321	2,003,132	
- powder	13,104	3,065	671	570	
- compounds	52,204	43,143	72,186	11,748	
Strontium (see: Strontium and barium	n or compounds in:	Chemicals)			
Tantalum:			202	1.0=:	
- non-processed, powders, wastes,	162	11	998	1,071	
scrap Thorium:					
- non-processed, powders, wastes,	16,385	217	707	8	
scrap	10,505	21/	707	3	
Titanium, including:	170,248,509	1,063,199	27,316,049	311,368	
- ores and concentrates	75,061,005	84,842,	0	0	
- non-processed, powders, wastes,	162,540	3,588	1,130,552	10,410	
scrap					
- compounds	95,024,964	974,769	26,185,497	300,958	
Uranium:	35	56	54,481	4,489	
- compunds, alloys, ceramic	5	1	0	0	
products containing U-natural - compounds, alloys, ceramic	0	10	0	0	
products enriched in U-235		10	O	O	
- compounds, alloys, ceramic	30	45	54,481	4,489	
products depleted in U-235			ŕ	<u> </u>	
				•	

	Import		Export	
Mineral raw materials	Quantity (kg)	Value (PLN thousand)	Quantity (kg)	Value (PLN thousand)
Vanadium:				
- compounds	8,266	592	5,000	760
Calcium:				
- metallic	108,359	1,608	4,474	78
Tungsten, including: - non-processed, powders, wastes,	55,914 37,800	9,479 7,384	825,999 289,861	48,328 20,259
scrap	37,800	7,364	209,001	20,239
- compounds	18,114	2,095	536,138	28,069
Gold, including:	1,396	129,481	2,870	265,890
- powder	0	7	2	333
- raw other than powder	758	103,552	1,308	190,336
- wastes, scrap	290	2,088	1,555	75,217
- compounds	348	23,835	5	2 012 001
Iron, including: - ores and concentrates	8,965,777,076 7,513,181,942	5,475,479 1,999,400	1,965,126,471 18,550,450	3,912,001 12,102
- wastes rich in Fe	37,343,820	3,896	18,550,450	12,102
- non-alloy pig iron	274,740,565	395,194	81,082,304	133,404
- alloy pig iron	452	4	0	0
- ferroalloy	266,438,922	1,676,090	169,632,119	1,030,353
- products from the direct	2,547	56	0	0
deoxidation of ores	24.504	1.45	102.250	1 441
- Fe of purity > 99.94% - wastes and scrap	34,504 793,275,693	145 969,176	183,350 1,667,866,275	1,441 2,578,500
- pellets and powders, pig cast iron	29,159,782	97,738	12,489,625	37,369
and steel	27,137,762	71,130	12,407,023	37,307
- compounds	51,598,849	333,780	15,322,340	118,833
Other metal ores	1,072,006	428	0	0
Wastes from metals mettalurgy	366,029,188	31,330	170,945,709	39,385
III. CHEMICALS				
Total:	6,043,971,562	6,116,733	4,750,761,406	4,641,242
Arsenic	70,203	614	12,956	134
Barium, including:	15,103,883	25,595	227,407	452
- witherite - barite	50 11,720,906	0 16,624	151 597	0 273
- compounds	3,382,927	8,970	151,587 75,820	178
Boron, including:	15,549,230	36,848	4,618,894	11,149
- boron	2,704	98	6,446	31
- natural borate minerals	5,252,877	7,680	2,701,332	4,797
- compounds	10,293,649	29,070	1,911,116	6,321
Bromine, including:	1,965,314	11,505	725,062	7,452
- bromine	3,021	105	1,359	39
- compounds Fluorine, including:	1,962,293	11,400 24,819	723,703	7,414
- fluorine	9,502,060 299	24,819 47	325,276	1,761 0
- fluorite	6,568,096	8,894	150,668	226
- compounds	2,933,665	15,878	174,608	1,535
Phosphorus, including:	1,244,625,408	733,201	171,446,686	367,493
- phosphorus	30,251,358	279,710	9,921,182	104,445
- phosphorites	1,172,562,245	343,879	54,564	32
- pfosphates fertilizers	6,023,843	8,136	107,813,557	84,578
- compounds Helium	35,787,962	101,475	53,657,383	178,438
Iodine, including:	287,276 61,152	27,970 5,611	536,479 28,735	92,728 2,785
- iodine	29,939	2,834	26,733	2,783
- compounds	31,213	2,777	2,271	302
Carbide	14,430,205	36,775	73,891	291
Silica (siliceous rocks,	5,036,467	11,780	269,531	562
diatomaceous earth, rottenstone,		<i></i>	, i	
diatomaceous rock)				
Silicon, including:	131,849,368	938,418	91,433,453	414,546
- silicon	35,059,563	328,318 610,100	4,366,110 87,067,343	58,755 355,791
		0101001	8 / JUD / . 34 3 I	111./91
- compounds Fertilizers, including:	96,789,805 2,120,615,467	2,144,034	2,538,128,024	2,425,759

	Import		Export		
Mineral raw	Quantity	Value	Quantity	Value	
materials	(kg)	(PLN	(kg)	(PLN	
nitus con		thousand)		thousand)	
- nitrogen - multi-compound	1,191,220,102 929,395,365	979,108 1,164,927	1,897,053,839 641,074,185	1,540,487 885,272	
Mineral pigments, ochre	731,243	2,298	28,416	180	
Potassium:	1,045,166,242	1,155,139	37,020,996	71,132	
- potassium fertilizers	990,500,560	1,011,651	26,444,079	30,236	
- compounds	54,665,682	143,488	10,576,917	40,896	
Selenium and tellurium, including:	175,569	18,320	270,085	9,790	
- selenium - tellurium	95,859 6,255	10,342 1,774	13,375	2,068	
- compounds	73,455	6,204	256,710	7,722	
Sulfur, including:	91,526,135	88,440	958,269,661	344,806	
- iron pyrites	531,378	2,114	23,950	19	
- raw or unrefined	19,365,011	5,005	406,449,575	162,967	
- refined	211,520	1,570	94,261,118	78,931	
- sublimed or precipitated, colloid	806,247	1,443	5,955,005	1,795	
- sulpfuric acid, oleum	9,715,308	6,742	345,339,945	51,578	
- compounds Sodium, including:	60,896,671 1,217,511,874	71,565	106,240,068 909,772,291	49,517	
- rock salt for chemical processing	230,587,387	627,803 47,897	1,855,367	825,759 630	
- denatured salt for industrial	2,085,785	2,710	32,705,048	17,890	
purposes	_,000,700	_,, 10	2=,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,,000	
- food salt for people	56,844,033	34,530	79,599,137	37,426	
- food salt for animals	568,869,143	68,599	300,190,843	88,717	
- brine	1,052,955	1,108	389,505	549	
- compounds	358,072,571	472,959	495,032,391	680,547	
Strontium and barium, including: - strontium and barium	1,408,115 13,576	6,197 396	94,900 3,400	560 85	
- Sr compounds	1,394,539	5,802	91,500	475	
Calcium:	1,55 1,555	3,002	71,500	1,5	
- compounds	129,764,466	227,563	37,573,563	64,463	
IV. ROCKS					
IV. ROCKS Total:	9,350,224,190	3,493,007	5,700,524,354	2,973,268	
Total: Asbestos:					
Asbestos: - raw, flakes, powder	0	0	625	0	
Asbestos: - raw, flakes, powder Bentonites	0 226,289,325	0 72,293	625 36,804,903	0 40,387	
Asbestos: - raw, flakes, powder Bentonites Cement, including:	0 226,289,325 1,142,758,070	0 72,293 283,353	625 36,804,903 422,191,688	0 40,387 252,447	
Asbestos: - raw, flakes, powder Bentonites	0 226,289,325	0 72,293	625 36,804,903	0 40,387	
Asbestos: - raw, flakes, powder Bentonites Cement, including: - cements	0 226,289,325 1,142,758,070 1,021,659,999	0 72,293 283,353 265,087	625 36,804,903 422,191,688 416,330,170	0 40,387 252,447 250,194	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127	0 72,293 283,353 265,087 18,266	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380	0 40,387 252,447 250,194 2,253 10,717	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including:	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189	0 72,293 283,353 265,087 18,266 14,594 99,261	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203	0 40,387 252,447 250,194 2,253 10,717 263,717	
Asbestos: - raw, flakes, powder Bentonites Cement, including: - cements - cement clinker Dolomite: - raw, burned, consolidated Gypsum, including: - gypsum, anhydrite	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593	
Total:  Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including:	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth  Natural graphite	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95	
Asbestos: - raw, flakes, powder Bentonites Cement, including: - cements - cement clinker Dolomite: - raw, burned, consolidated Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth Natural graphite Dimension and crushed stones,	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450	
Asbestos: - raw, flakes, powder Bentonites Cement, including: - cements - cement clinker Dolomite: - raw, burned, consolidated Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth Natural graphite Dimension and crushed stones, including	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660	
Asbestos: - raw, flakes, powder Bentonites Cement, including: - cements - cement clinker Dolomite: - raw, burned, consolidated Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth Natural graphite Dimension and crushed stones, including - Dimension stones:	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537 393,900,487	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304 505,196	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472 212,515,435	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660 166,437	
Asbestos: - raw, flakes, powder Bentonites Cement, including: - cements - cement clinker Dolomite: - raw, burned, consolidated Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth Natural graphite Dimension and crushed stones, including	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth  Natural graphite  Dimension and crushed stones, including - Dimension stones: - crude or roughly worked	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537 393,900,487 137,543,166	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304 505,196 136,627	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472 212,515,435 150,664,738	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660 166,437 60,951	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth  Natural graphite  Dimension and crushed stones, including - Dimension stones: - crude or roughly worked - cutted to blocks and plates of a maximum thickness equal 25 cm	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537 393,900,487 137,543,166 4,896,996	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304 505,196 136,627 4,121	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472 212,515,435 150,664,738 6,069,870	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660 166,437 60,951 5,701	
Asbestos: - raw, flakes, powder Bentonites Cement, including: - cements - cement clinker Dolomite: - raw, burned, consolidated Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth Natural graphite Dimension and crushed stones, including - Dimension stones: - crude or roughly worked - cutted to blocks and plates of a maximum thickness equal 25 cm - building elements	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537 393,900,487 137,543,166 4,896,996	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304 505,196 136,627 4,121	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472 212,515,435 150,664,738 6,069,870 32,732,128	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660 166,437 60,951 5,701	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth  Natural graphite  Dimension and crushed stones, including - Dimension stones: - crude or roughly worked - cutted to blocks and plates of a maximum thickness equal 25 cm - building elements - other	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537 393,900,487 137,543,166 4,896,996 250,549,769 910,556	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304 505,196 136,627 4,121	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472 212,515,435 150,664,738 6,069,870 32,732,128 23,048,699	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660 166,437 60,951 5,701 98,401 1,384	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth  Natural graphite  Dimension and crushed stones, including - Dimension stones: - crude or roughly worked - cutted to blocks and plates of a maximum thickness equal 25 cm - building elements - other - Crushed stones:	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537 393,900,487 137,543,166 4,896,996 250,549,769 910,556 3,683,439,050	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304 505,196 136,627 4,121 363,012 1,436 310,108	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472 212,515,435 150,664,738 6,069,870 32,732,128 23,048,699 1,618,761,037	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660 166,437 60,951 5,701 98,401 1,384 68,223	
Asbestos: - raw, flakes, powder  Bentonites  Cement, including: - cements - cement clinker  Dolomite: - raw, burned, consolidated  Gypsum, including: - gypsum, anhydrite - gypsum plasters - gypsum, constraction products  Clay (excluding refractory and foundry), including: - other clays - andalusite, cyanite, sillimanite, mullite - chamotte and dinas earth  Natural graphite  Dimension and crushed stones, including - Dimension stones: - crude or roughly worked - cutted to blocks and plates of a maximum thickness equal 25 cm - building elements - other	0 226,289,325 1,142,758,070 1,021,659,999 121,098,071 132,901,127 166,199,189 22,026,344 54,550,700 89,622,145 134,902,589 99,504,230 22,994,072 12,404,287 12,446,595 4,077,339,537 393,900,487 137,543,166 4,896,996 250,549,769 910,556	0 72,293 283,353 265,087 18,266 14,594 99,261 5,415 29,590 64,255 213,772 26,341 178,602 8,828 55,670 815,304 505,196 136,627 4,121	625 36,804,903 422,191,688 416,330,170 5,861,518 25,196,380 496,928,203 90,497,445 44,520,333 361,910,425 7,196,820 6,912,157 185,752 98,911 120,463 1,831,276,472 212,515,435 150,664,738 6,069,870 32,732,128 23,048,699	0 40,387 252,447 250,194 2,253 10,717 263,717 3,593 22,202 237,922 5,106 4,562 450 95 521 234,660 166,437 60,951 5,701	

I m p o		r t	Export	
Mineral raw	•	Value	•	Value
materials	Quantity	(PLN	Quantity	(PLN
	(kg)	thousand)	(kg)	thousand)
Gemstones and decorative stones	24,524	57,710	5,675	5,761
non-processed, including:				
- diamonds	276	42,519	3	1,349
- other	24,248	15,191	5,672	4,413
Kaolin, including:	145,330,654	76,748	16,805,617	7,638
- raw	95,406,413	58,152	14,332,653	5,884
- burned	49,924,241	18,596	2,472,964	1,754
Corundum and other abrasives,	17,024,151	17,342	3,930,463	7,704
including:				
- corundum, emery, garnet, raw	17,023,461	16,082	3,929,240	7,652
and preliminary processed	(00	1.260	1 222	50
- ash and powder from diamonds	690	1,260	1,223	52
and from other natural stones	00.051.000	25.704	25 000 240	9.701
Chalk	99,951,088	25,704	25,009,349	8,791
Natural aggregates (pebbles, gravel, flintstones)	1,272,501,702	51,532	173,328,841	6,336
Quartz	757.024	1 267	389,167	292
	757,034	1,267	, ,	282
Quartzite	75,565,839 237,304,099	4,761 587,930	12,533,253 325,240,240	2,937 1,302,680
Insulating materials			134,499,682	
Refractory materials, including: - magnesite	633,553,425 64,458,234	562,087 219,159	260,544	389,783 1,086
- refractory clay	487,587,417	126,097	12,444,747	7,358
- refractory mass and grounds	79,237,668	207,031	78,222,306	191,396
- products containing magnesite,	2,270,106	9,800	43,572,085	189,943
dolomite or chromite	2,270,100	,,,,,,	13,572,003	10,,,, 13
Mica, including:	2,842,260	22,544	205,919	1,225
- raw, powder	2,344,089	7,509	189,190	348
- mica products	498,171	15,035	16,729	876
Minerals and rocks of technical	261,106,006	291,872	100,307,601	252,594
importance	, ,	,	, ,	,
Natural polishing materials:				
- raw pumice and other	1,129,656	1,203	160,776	3,494
Sands, including:	28,079,246	22,059	585,020,660	48,906
- siliceous and quartzitic	23,641,456	19,046	245,886,126	40,376
- other	4,437,790	3,013	339,134,534	8,530
Feldspar	416,926,961	78,509	142,410	84
Tale:				
- talc, steatite	40,452,087	64,227	1,795,647	3,271
Peat and peat products	209,435,743	77,230	66,915,812	29,250
Lime:				
- limestone flux, lime	224,839,026	73,267	1,501,433,500	124,226