原砂

原砂粒度別重砂分析結果表

粒度	鉱量	鉱量	鉱物量 (%)							分布率 (%)						
			鋭鉄鉱	金紅石	錯英石	独居石	磷鉱砿	其 它		鋭鉄鉱	金紅石	錯英石	独居石	磷鉱砿	其 它	合計
mm	(kg)	(wt%)	ｲﾙﾒﾅｲﾄ	ﾙﾁﾙ	ｼﾞﾙｺﾝ	ﾓﾅｻﾞｲﾄ	ｾﾞﾉﾀｲﾑ	その他	合計	ｲﾙﾒﾅｲﾄ	ﾙﾁﾙ	ｼﾞﾙｺﾝ	ﾓﾅｻﾞｲﾄ	ｾﾞﾉﾀｲﾑ	その他	(%)
0.150	4,201.054	20.79%	0.0409%	0.0061%	0.0100%	0.0005%	0.0001%	99.9424%	100.00%	2.09%	2.21%	1.26%	0.83%	0.73%	20.91%	20.79%
0.100	13,134.544	64.99%	0.2005%	0.0298%	0.0292%	0.0021%	0.0002%	99.7382%	100.00%	32.01%	33.69%	11.46%	10.95%	4.55%	65.24%	64.99%
0.080	2,195.332	10.86%	1.5967%	0.2423%	0.6269%	0.0102%	0.0088%	97.5151%	100.00%	42.59%	45.78%	41.14%	8.89%	33.48%	10.66%	10.86%
0.039	316.100	1.56%	5.7213%	0.6653%	4.8377%	0.6208%	0.1118%	88.0431%	100.00%	21.98%	18.10%	45.71%	77.89%	61.24%	1.39%	1.56%
-0.039	363.474	1.80%	0.3000%	0.0070%	0.0400%	0.0100%	0.0000%	99.6430%	100.00%	1.33%	0.22%	0.43%	1.44%	0.00%	1.80%	1.80%
合計	20,210.504	100.00%	0.4071%	0.0575%	0.1655%	0.0125%	0.0029%	99.3545%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

原砂粒度別化学分析結果

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	4,201.054	21.83%	0.11%	0.02%	0.01%	0.001%	0.001%	0.002%	0.002%	0.03%	0.08%	0.64%	96.40%	7.50%	3.65%	9.72%	10.74%	8.95%	12.16%	6.58%	15.56%	5.92%	6.82%	21.62%
0.100	13,134.544	64.71%	0.16%	0.05%	0.01%	0.001%	0.001%	0.002%	0.003%	0.03%	0.22%	1.74%	94.13%	34.11%	26.31%	30.38%	37.76%	27.97%	38.02%	30.87%	54.47%	50.94%	58.00%	66.01%
0.080	2,195.332	9.72%	0.98%	0.29%	0.05%	0.003%	0.007%	0.006%	0.014%	0.04%	0.71%	3.24%	85.50%	34.93%	23.73%	25.39%	20.34%	32.72%	19.07%	24.08%	13.01%	27.47%	18.05%	10.02%
0.039	316.100	1.54%	4.25%	3.76%	0.38%	0.025%	0.029%	0.058%	0.130%	0.22%	2.10%	4.53%	69.41%	21.81%	44.94%	27.78%	25.24%	19.52%	26.54%	32.20%	10.07%	11.70%	3.63%	1.17%
-0.039	363.474	2.20%	0.28%	0.10%	0.08%	0.005%	0.014%	0.008%	0.022%	0.13%	0.62%	14.64%	60.58%	1.65%	1.37%	6.73%	5.92%	10.84%	4.21%	6.27%	6.89%	3.97%	13.50%	1.18%
合計	20,210.504	100.00%	0.30%	0.13%	0.02%	0.002%	0.002%	0.003%	0.006%	0.03%	0.28%	1.95%	92.67%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

1 次 選 鉱

粒度別化学分析 1 次選鉱成績表B（原砂）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	4,201.054	20.79%	0.12%	0.04%	0.01%	0.001%	0.001%	0.002%	0.002%	0.02%	0.125%	0.52%	96.40%	6.89%	6.00%	10.84%	9.81%	9.98%	8.78%	7.14%	13.67%	16.20%	7.63%	21.61%
0.100	13,134.544	64.99%	0.24%	0.05%	0.01%	0.001%	0.001%	0.003%	0.003%	0.02%	0.084%	1.13%	93.99%	45.28%	21.51%	33.73%	41.17%	33.78%	42.07%	31.76%	47.63%	34.08%	51.68%	65.90%
0.080	2,195.332	10.86%	0.97%	0.47%	0.05%	0.005%	0.006%	0.009%	0.014%	0.05%	0.481%	2.44%	85.98%	29.91%	37.75%	24.16%	26.95%	28.97%	20.56%	22.97%	19.04%	32.67%	18.66%	10.07%
0.039	316.100	1.56%	3.74%	2.93%	0.36%	0.023%	0.028%	0.074%	0.134%	0.22%	1.536%	5.89%	71.36%	16.66%	33.76%	25.29%	18.45%	19.64%	24.13%	32.60%	11.39%	15.01%	6.49%	1.20%
-0.039	363.474	1.80%	0.25%	0.07%	0.07%	0.004%	0.009%	0.012%	0.020%	0.14%	0.181%	12.27%	63.02%	1.26%	0.98%	5.98%	3.62%	7.63%	4.46%	5.53%	8.27%	2.04%	15.54%	1.22%
合計	20,210.504	100.00%	0.35%	0.14%	0.02%	0.002%	0.002%	0.005%	0.006%	0.03%	0.160%	1.42%	92.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別化学分析 1 次選鉱成績表B（精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	127.592	10.79%	1.96%	0.02%	0.03%	0.002%	0.003%	0.004%	0.009%	0.03%	0.62%	1.56%	93.82%	4.40%	0.12%	2.02%	1.89%	2.01%	1.34%	1.76%	3.38%	5.20%	4.24%	13.41%
0.100	651.094	58.19%	3.93%	0.46%	0.04%	0.002%	0.004%	0.006%	0.007%	0.04%	0.35%	2.84%	88.50%	44.97%	14.07%	13.77%	11.16%	13.64%	10.29%	6.97%	19.45%	14.97%	39.42%	64.57%
0.080	244.226	23.04%	7.43%	3.90%	0.26%	0.021%	0.037%	0.057%	0.090%	0.17%	3.25%	6.88%	63.06%	31.90%	44.75%	33.59%	38.99%	47.34%	36.66%	33.64%	35.44%	52.15%	35.83%	17.26%
0.039	68.777	6.67%	15.37%	12.61%	1.36%	0.087%	0.099%	0.279%	0.535%	0.67%	5.94%	12.35%	48.52%	18.58%	40.75%	49.48%	46.59%	35.67%	50.54%	56.31%	39.32%	26.85%	18.11%	3.74%
-0.039	13.508	1.31%	0.64%	0.48%	0.16%	0.013%	0.019%	0.033%	0.064%	0.21%	0.93%	8.32%	67.55%	0.15%	0.31%	1.14%	1.37%	1.34%	1.17%	1.32%	2.41%	0.83%	2.40%	1.02%
合計	1,105.197	100.00%	5.15%	1.93%	0.17%	0.012%	0.017%	0.034%	0.059%	0.11%	1.38%	4.24%	80.75%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別化学分析 1 次選鉱成績表B（中鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	168.254	17.18%	0.030%	0.03%	0.01%	0.001%	0.001%	0.001%	0.002%	0.05%	0.09%	0.69%	96.15%	3.92%	21.10%	15.01%	12.71%	15.01%	8.17%	13.91%	17.80%	16.66%	10.18%	18.11%
0.100	662.908	69.61%	0.100%	0.03%	0.01%	0.001%	0.001%	0.002%	0.002%	0.04%	0.07%	1.04%	94.59%	51.42%	66.02%	59.13%	68.83%	59.16%	64.36%	54.81%	61.20%	51.07%	60.42%	70.18%
0.080	109.992	12.14%	0.476%	0.02%	0.02%	0.002%	0.002%	0.004%	0.005%	0.08%	0.21%	2.60%	87.81%	40.61%	8.11%	19.62%	15.57%	19.63%	21.36%	22.73%	19.07%	25.42%	25.06%	10.81%
0.039	8.366	0.89%	0.565%	0.11%	0.06%	0.003%	0.006%	0.010%	0.016%	0.07%	0.62%	3.93%	78.82%	3.67%	3.39%	4.18%	2.29%	4.48%	4.06%	5.53%	1.39%	5.71%	2.88%	0.74%
-0.039	1.924	0.18%	0.257%	0.19%	0.12%	0.003%	0.010%	0.022%	0.038%	0.13%	0.54%	8.63%	75.00%	0.38%	1.38%	2.06%	0.60%	1.72%	2.05%	3.02%	0.54%	1.14%	1.46%	0.16%
合計	951.444	100.00%	0.140%	0.03%	0.01%	0.001%	0.001%	0.002%	0.003%	0.05%	0.10%	1.20%	93.90%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別化学分析 1 次選鉱成績表B（尾鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	3,905.208	20.97%	0.06%	0.04%	0.01%	0.001%	0.001%	0.002%	0.002%	0.02%	0.110%	0.48%	96.50%	18.23%	26.76%	17.39%	13.63%	15.97%	13.78%	12.52%	15.99%	26.51%	8.20%	22.23%
0.100	11,820.542	65.30%	0.05%	0.02%	0.01%	0.001%	0.001%	0.003%	0.003%	0.02%	0.070%	1.04%	94.26%	46.00%	46.58%	47.87%	54.99%	48.34%	62.56%	56.83%	53.79%	51.08%	53.76%	65.73%
0.080	1,841.114	10.68%	0.14%	0.04%	0.02%	0.003%	0.002%	0.003%	0.004%	0.04%	0.130%	1.84%	88.91%	20.06%	13.56%	17.14%	21.42%	15.06%	9.74%	11.80%	14.66%	14.77%	14.82%	9.66%
0.039	238.957	1.34%	0.51%	0.24%	0.08%	0.006%	0.008%	0.017%	0.023%	0.09%	0.300%	4.10%	77.67%	9.48%	9.70%	7.74%	5.10%	7.82%	7.17%	8.81%	4.95%	4.42%	4.28%	1.09%
-0.039	348.042	1.71%	0.23%	0.06%	0.07%	0.004%	0.009%	0.011%	0.018%	0.13%	0.150%	12.44%	62.78%	6.23%	3.40%	9.86%	4.86%	12.81%	6.75%	10.04%	10.61%	3.22%	18.94%	1.29%
合計	18,153.863	100.00%	0.07%	0.03%	0.01%	0.001%	0.001%	0.003%	0.003%	0.02%	0.089%	1.26%	93.38%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別化学分析１次選鉱成績表Ｂ　　粒度　0.150 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	4,201.054	100.00%	0.12%	0.04%	0.01%	0.001%	0.001%	0.002%	0.002%	0.02%	0.125%	0.52%	96.40%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	127.592	3.04%	1.96%	0.02%	0.03%	0.002%	0.003%	0.004%	0.009%	0.03%	0.620%	1.56%	93.82%	51.10%	1.55%	7.90%	6.23%	8.59%	6.01%	12.35%	4.81%	15.10%	9.09%	2.96%
中鉱	168.254	4.01%	0.03%	0.03%	0.01%	0.001%	0.001%	0.001%	0.002%	0.05%	0.090%	0.69%	96.15%	1.03%	3.48%	3.47%	3.46%	3.78%	1.98%	3.62%	9.63%	2.89%	5.30%	3.99%
尾鉱	3,905.208	92.95%	0.06%	0.04%	0.01%	0.001%	0.001%	0.002%	0.002%	0.02%	0.110%	0.48%	96.50%	47.87%	94.97%	88.63%	90.31%	87.63%	92.01%	84.03%	85.56%	82.01%	85.61%	93.05%

粒度別化学分析１次選鉱成績表Ｂ　　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	13,134.544	100.00%	0.24%	0.05%	0.01%	0.001%	0.001%	0.003%	0.003%	0.02%	0.084%	1.13%	93.99%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	651.094	4.96%	3.93%	0.46%	0.04%	0.002%	0.004%	0.006%	0.007%	0.04%	0.350%	2.84%	88.50%	79.56%	50.82%	17.26%	8.76%	17.26%	9.60%	11.02%	7.96%	20.68%	12.47%	4.67%
中鉱	662.908	5.05%	0.10%	0.03%	0.01%	0.001%	0.001%	0.002%	0.002%	0.04%	0.070%	1.04%	94.59%	2.06%	3.04%	4.39%	4.46%	4.39%	3.26%	3.21%	9.49%	4.21%	4.65%	5.08%
尾鉱	11,820.542	89.99%	0.05%	0.02%	0.01%	0.001%	0.001%	0.003%	0.003%	0.02%	0.070%	1.04%	94.26%	18.38%	46.14%	78.35%	86.78%	78.35%	87.14%	85.77%	82.55%	75.11%	82.88%	90.25%

粒度別化学分析１次選鉱成績表Ｂ　　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	2,195.332	100.00%	0.97%	0.47%	0.05%	0.005%	0.006%	0.009%	0.014%	0.05%	0.481%	2.44%	85.98%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	244.226	11.12%	7.43%	3.90%	0.26%	0.021%	0.037%	0.057%	0.090%	0.17%	3.250%	6.88%	63.06%	85.41%	92.13%	58.77%	46.81%	69.84%	70.01%	73.53%	36.28%	75.15%	31.38%	8.16%
中鉱	109.992	5.01%	0.48%	0.02%	0.02%	0.002%	0.002%	0.004%	0.005%	0.08%	0.210%	2.60%	87.81%	2.46%	0.21%	2.04%	1.54%	1.70%	2.21%	1.84%	7.40%	2.19%	5.34%	5.12%
尾鉱	1,841.114	83.87%	0.14%	0.04%	0.02%	0.003%	0.002%	0.003%	0.004%	0.04%	0.130%	1.84%	88.91%	12.13%	7.66%	39.19%	51.65%	28.46%	27.78%	24.63%	56.32%	22.66%	63.28%	86.72%

粒度別化学分析１次選鉱成績表Ｂ　　粒度　0.039 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	316.100	100.00%	3.74%	2.93%	0.36%	0.023%	0.028%	0.074%	0.134%	0.22%	1.536%	5.89%	71.36%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	68.777	21.76%	15.37%	12.61%	1.36%	0.087%	0.099%	0.279%	0.535%	0.67%	5.940%	12.35%	48.52%	89.30%	93.78%	82.69%	81.72%	77.63%	82.23%	86.73%	67.33%	84.16%	45.62%	14.79%
中鉱	8.366	2.65%	0.57%	0.11%	0.06%	0.003%	0.006%	0.010%	0.016%	0.07%	0.620%	3.93%	78.82%	0.40%	0.10%	0.41%	0.33%	0.57%	0.36%	0.32%	0.90%	1.07%	1.77%	2.92%
尾鉱	238.957	75.59%	0.51%	0.24%	0.08%	0.006%	0.008%	0.017%	0.023%	0.09%	0.300%	4.10%	77.67%	10.30%	6.12%	16.90%	17.95%	21.80%	17.41%	12.95%	31.77%	14.77%	52.61%	82.29%

粒度別化学分析１次選鉱成績表Ｂ　　粒度　-0.039 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	363.474	100.00%	0.25%	0.07%	0.07%	0.004%	0.009%	0.012%	0.020%	0.14%	0.181%	12.27%	63.02%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	13.508	3.72%	0.64%	0.48%	0.16%	0.013%	0.019%	0.033%	0.064%	0.21%	0.930%	8.32%	67.55%	9.69%	24.36%	8.08%	12.24%	7.53%	10.33%	12.00%	5.68%	19.09%	2.52%	3.98%
中鉱	1.924	0.53%	0.26%	0.19%	0.12%	0.003%	0.010%	0.022%	0.038%	0.13%	0.540%	8.63%	75.00%	0.55%	1.40%	0.86%	0.44%	0.56%	0.98%	1.02%	0.48%	1.58%	0.37%	0.63%
尾鉱	348.042	95.75%	0.23%	0.06%	0.07%	0.004%	0.009%	0.011%	0.018%	0.13%	0.150%	12.44%	62.78%	89.76%	74.24%	91.06%	87.32%	91.91%	88.69%	86.98%	93.84%	79.33%	97.11%	95.39%

粒度別化学分析１次選鉱成績表Ｂ　　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	20,210.504	100.00%	0.35%	0.14%	0.02%	0.002%	0.002%	0.005%	0.006%	0.03%	0.160%	1.42%	92.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	1,105.197	5.47%	5.15%	1.93%	0.17%	0.012%	0.017%	0.034%	0.059%	0.11%	1.377%	4.24%	80.75%	80.10%	77.70%	42.27%	32.35%	42.74%	39.26%	50.20%	19.49%	47.07%	16.34%	4.76%
中鉱	951.444	4.71%	0.14%	0.03%	0.01%	0.001%	0.001%	0.002%	0.003%	0.05%	0.096%	1.20%	93.90%	1.81%	0.99%	2.51%	2.67%	2.51%	2.13%	1.86%	7.39%	2.81%	3.98%	4.77%
尾鉱	18,153.863	89.82%	0.07%	0.03%	0.01%	0.001%	0.001%	0.003%	0.003%	0.02%	0.089%	1.26%	93.38%	18.09%	21.31%	55.22%	64.98%	54.75%	58.61%	47.94%	73.12%	50.12%	79.68%	90.47%

国内確認試験

粒度別化学分析総合成績表　　粒度　0.100 mm

産物			鉱量 (kg)	鉱量 (wt%)	品位 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	分布率 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
二次選鉱	精鉱	ｲﾙﾒﾅｲﾄ1-1	0.407	23.32%	52.27%	0.051%	0.019%	0.00130%	0.00210%	0.0033%	0.0064%	0.001%	24.84%	12.25%	1.31%	28.69%	0.35%	1.14%	1.00%	0.85%	1.08%	1.07%	0.12%	50.36%	25.81%	1.80%
		ｲﾙﾒﾅｲﾄ1-2	0.272	15.60%	51.46%	0.061%	0.024%	0.00110%	0.00300%	0.0045%	0.0089%	0.001%	20.93%	19.60%	1.54%	18.90%	0.28%	0.96%	0.57%	0.81%	0.99%	0.99%	0.08%	28.38%	27.62%	1.42%
		ｲﾙﾒﾅｲﾄ2-1	0.055	3.15%	56.42%	0.062%	0.044%	0.00240%	0.00680%	0.0077%	0.0148%	0.001%	9.66%	23.12%	2.50%	4.18%	0.06%	0.36%	0.25%	0.37%	0.34%	0.33%	0.02%	2.64%	6.57%	0.46%
		ｲﾙﾒﾅｲﾄ2-2	0.098	5.59%	50.47%	0.112%	0.212%	0.00260%	0.06590%	0.0212%	0.0448%	0.080%	16.51%	18.57%	4.61%	6.65%	0.18%	3.05%	0.48%	6.37%	1.67%	1.79%	2.38%	8.03%	9.39%	1.52%
		ﾙﾁﾙ	0.134	7.66%	61.26%	2.297%	0.218%	0.01660%	0.02470%	0.0394%	0.0681%	0.098%	0.32%	1.87%	27.64%	11.06%	5.13%	4.30%	4.19%	3.27%	4.24%	3.73%	4.00%	0.21%	1.30%	12.49%
		ｼﾞﾙｺﾝ1	0.057	3.29%	20.21%	46.716%	0.157%	0.01380%	0.01686%	0.0241%	0.0485%	0.167%	0.06%	1.00%	16.42%	1.56%	44.71%	1.33%	1.49%	0.96%	1.11%	1.14%	2.92%	0.02%	0.30%	3.18%
		ｼﾞﾙｺﾝ2	0.087	5.00%	37.25%	11.103%	0.285%	0.02500%	0.04590%	0.0532%	0.1000%	0.157%	0.10%	1.74%	26.41%	4.38%	16.17%	3.66%	4.12%	3.96%	3.73%	3.57%	4.18%	0.04%	0.79%	7.78%
		ﾓﾅｻﾞｲﾄ	0.015	0.87%	42.50%	0.235%	11.953%	1.03900%	0.50300%	2.9170%	5.3559%	4.155%	0.93%	5.70%	21.28%	0.87%	0.06%	26.74%	29.79%	7.56%	35.61%	33.25%	19.26%	0.07%	0.45%	1.09%
		ｾﾞﾉﾀｲﾑ	0.057	3.27%	12.86%	0.112%	0.840%	0.00170%	0.56120%	0.0074%	0.0160%	0.460%	4.99%	11.90%	25.93%	0.99%	0.11%	7.06%	0.18%	31.70%	0.34%	0.37%	8.01%	1.42%	3.51%	5.00%
		小計	1.182	67.75%	48.45%	3.398%	0.279%	0.01884%	0.04771%	0.0516%	0.0956%	0.114%	15.48%	12.37%	8.70%	77.28%	67.05%	48.60%	42.07%	55.85%	49.11%	46.24%	40.97%	91.17%	75.74%	34.74%
	中鉱	ｲﾙﾒﾅｲﾄM1	0.058	3.33%	32.13%	0.583%	0.748%	0.00320%	0.42470%	0.0269%	0.0580%	0.329%	8.07%	19.87%	16.12%	2.52%	0.57%	6.40%	0.35%	24.43%	1.26%	1.38%	5.83%	2.33%	5.98%	3.16%
		ﾙﾁﾙ	0.060	3.42%	54.92%	18.781%	0.277%	0.02890%	0.03910%	0.0469%	0.0816%	0.152%	0.19%	1.79%	15.48%	4.42%	18.70%	2.43%	3.26%	2.31%	2.25%	1.99%	2.77%	0.06%	0.55%	3.12%
		ｼﾞﾙｺﾝ	0.119	6.81%	43.16%	6.053%	0.318%	0.02700%	0.04180%	0.0714%	0.1200%	0.226%	0.22%	2.73%	35.84%	6.92%	12.01%	5.57%	6.06%	4.92%	6.83%	5.84%	8.20%	0.13%	1.68%	14.39%
		ﾓﾅｻﾞｲﾄM1	0.056	3.23%	25.81%	0.379%	1.312%	0.12130%	0.05950%	0.2663%	0.5816%	1.039%	1.17%	9.24%	25.68%	1.97%	0.36%	10.91%	12.93%	3.33%	12.09%	13.43%	17.92%	0.33%	2.70%	4.90%
		ﾓﾅｻﾞｲﾄM2	0.100	5.71%	26.16%	0.401%	1.293%	0.14730%	0.04170%	0.2551%	0.5543%	0.586%	1.35%	8.32%	30.38%	3.52%	0.67%	18.98%	27.72%	4.12%	20.45%	22.60%	17.84%	0.67%	4.29%	10.23%
		ｾﾞﾉﾀｲﾑ	0.045	2.58%	6.73%	0.286%	0.991%	0.08400%	0.10300%	0.2057%	0.4328%	0.467%	3.74%	6.42%	30.72%	0.41%	0.22%	6.58%	7.15%	4.60%	7.46%	7.98%	6.43%	0.84%	1.50%	4.68%
		小計	0.438	25.08%	33.44%	4.450%	0.789%	0.06951%	0.10079%	0.1429%	0.2971%	0.441%	2.00%	7.37%	27.37%	19.76%	32.53%	50.87%	57.47%	43.71%	50.34%	53.22%	58.99%	4.36%	16.70%	40.48%
	尾鉱	尾鉱1	0.041	2.37%	38.12%	0.018%	0.018%	0.00070%	0.00210%	0.0027%	0.0052%	0.001%	21.36%	32.25%	1.41%	2.13%	0.01%	0.11%	0.05%	0.09%	0.09%	0.09%	0.01%	4.40%	6.90%	0.20%
		尾鉱2	0.026	1.51%	19.83%	0.521%	0.072%	0.00570%	0.00850%	0.0149%	0.0283%	0.001%	0.31%	0.92%	69.25%	0.71%	0.23%	0.28%	0.28%	0.22%	0.32%	0.31%	0.01%	0.04%	0.13%	6.18%
		尾鉱3	0.058	3.29%	1.61%	0.184%	0.016%	0.00120%	0.00230%	0.0030%	0.0060%	0.001%	0.10%	1.79%	94.72%	0.12%	0.18%	0.14%	0.13%	0.13%	0.14%	0.14%	0.02%	0.03%	0.53%	18.40%
		小計	0.125	7.17%	17.50%	0.200%	0.028%	0.00198%	0.00354%	0.0054%	0.0104%	0.001%	7.16%	11.66%	58.56%	2.96%	0.42%	0.53%	0.46%	0.44%	0.55%	0.54%	0.04%	4.47%	7.56%	24.78%
計			1.745	100.00%	42.47%	3.432%	0.389%	0.03034%	0.05785%	0.0712%	0.1401%	0.188%	11.50%	11.07%	16.96%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別化学分析総合成績表　　粒度　0.080 mm

産物			鉱量 (kg)	鉱量 (wt%)	品位 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	分布率 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
二次選鉱	精鉱	ｲﾙﾒﾅｲﾄ1-1	0.593	18.40%	52.30%	0.071%	0.014%	0.00070%	0.00130%	0.0021%	0.0041%	0.001%	28.07%	10.10%	1.41%	24.15%	0.13%	0.38%	0.26%	0.23%	0.31%	0.31%	0.07%	45.09%	19.86%	1.64%
		ｲﾙﾒﾅｲﾄ1-2	0.458	14.20%	49.67%	0.072%	0.016%	0.00050%	0.00220%	0.0027%	0.0050%	0.001%	24.95%	16.72%	1.58%	17.69%	0.10%	0.34%	0.14%	0.31%	0.31%	0.29%	0.06%	30.92%	25.36%	1.42%
		ｲﾙﾒﾅｲﾄ2-1	0.172	5.33%	51.72%	0.072%	0.028%	0.00160%	0.00380%	0.0045%	0.0084%	0.001%	20.42%	17.37%	3.03%	6.91%	0.04%	0.22%	0.17%	0.20%	0.19%	0.18%	0.02%	9.50%	9.88%	1.02%
		ｲﾙﾒﾅｲﾄ2-2	0.207	6.43%	49.30%	0.102%	0.204%	0.00240%	0.06330%	0.0260%	0.0537%	0.071%	7.18%	21.52%	6.80%	7.95%	0.06%	1.95%	0.31%	3.98%	1.34%	1.42%	1.82%	4.03%	14.78%	2.76%
		ﾙﾁﾙ	0.212	6.57%	65.24%	5.164%	0.242%	0.01820%	0.03050%	0.0374%	0.0671%	0.131%	0.27%	1.72%	21.71%	10.75%	3.22%	2.37%	2.38%	1.96%	1.98%	1.81%	3.44%	0.15%	1.21%	9.01%
		ｼﾞﾙｺﾝ1	0.353	10.94%	9.93%	56.612%	0.265%	0.02470%	0.02791%	0.0403%	0.0856%	0.233%	0.03%	0.99%	19.84%	2.73%	58.84%	4.32%	5.37%	2.99%	3.55%	3.86%	10.19%	0.03%	1.16%	13.72%
		ｼﾞﾙｺﾝ2	0.192	5.95%	37.36%	23.230%	0.365%	0.02920%	0.04960%	0.0618%	0.1084%	0.207%	0.10%	1.74%	26.54%	5.58%	13.13%	3.24%	3.45%	2.89%	2.96%	2.66%	4.92%	0.05%	1.11%	9.98%
		ﾓﾅｻﾞｲﾄ	0.028	0.87%	19.85%	0.012%	31.868%	2.85560%	1.35900%	7.7330%	14.5370%	6.566%	0.48%	5.30%	18.64%	0.43%	0.00%	41.15%	49.18%	11.52%	53.91%	51.87%	22.75%	0.04%	0.49%	1.02%
		ｾﾞﾉﾀｲﾑ	0.095	2.95%	22.76%	0.327%	2.295%	0.00510%	1.45130%	0.0197%	0.0426%	1.433%	6.68%	14.53%	22.02%	1.69%	0.09%	10.09%	0.30%	41.87%	0.47%	0.52%	16.91%	1.72%	4.58%	4.11%
		小計	2.309	71.64%	43.33%	11.112%	0.600%	0.04324%	0.09415%	0.1128%	0.2133%	0.210%	14.64%	10.25%	9.87%	77.88%	75.61%	64.06%	61.56%	65.95%	65.02%	62.92%	60.18%	91.53%	78.43%	44.68%
	中鉱	ｲﾙﾒﾅｲﾄM1	0.124	3.84%	39.92%	1.204%	1.107%	0.00450%	0.60310%	0.0464%	0.1003%	0.504%	14.82%	17.13%	10.69%	3.84%	0.44%	6.33%	0.34%	22.62%	1.43%	1.58%	7.73%	4.97%	7.02%	2.59%
		ﾙﾁﾙ	0.175	5.42%	31.86%	41.475%	0.290%	0.04130%	0.04340%	0.0620%	0.0900%	0.187%	0.12%	1.36%	23.20%	4.33%	21.34%	2.34%	4.45%	2.30%	2.70%	2.01%	4.05%	0.06%	0.79%	7.94%
		ｼﾞﾙｺﾝ	0.214	6.65%	38.57%	3.171%	0.380%	0.02650%	0.03650%	0.0683%	0.1161%	0.143%	0.13%	1.83%	42.06%	6.43%	2.00%	3.76%	3.50%	2.37%	3.65%	3.18%	3.80%	0.08%	1.30%	17.65%
		ﾓﾅｻﾞｲﾄM1	0.126	3.90%	18.89%	0.186%	2.429%	0.24410%	0.10440%	0.5267%	1.1429%	0.566%	1.00%	8.36%	28.57%	1.85%	0.07%	14.10%	18.92%	3.98%	16.52%	18.34%	8.82%	0.34%	3.48%	7.04%
		ﾓﾅｻﾞｲﾄM2	0.139	4.32%	31.69%	0.768%	0.481%	0.04470%	0.01720%	0.0969%	0.2183%	0.555%	1.26%	11.00%	26.37%	3.43%	0.32%	3.09%	3.84%	0.73%	3.36%	3.88%	9.58%	0.47%	5.07%	7.19%
		ｾﾞﾉﾀｲﾑ	0.027	0.82%	10.14%	0.713%	4.962%	0.43700%	0.22700%	1.0701%	2.3210%	1.770%	1.40%	8.11%	28.45%	0.21%	0.06%	6.09%	7.16%	1.83%	7.09%	7.87%	5.83%	0.10%	0.71%	1.48%
		小計	0.804	24.95%	32.11%	10.223%	0.961%	0.07705%	0.13876%	0.1733%	0.3590%	0.399%	2.76%	6.90%	27.86%	20.09%	24.23%	35.71%	38.21%	33.83%	34.75%	36.86%	39.81%	6.02%	18.37%	43.89%
	尾鉱	尾鉱1	0.037	1.16%	46.33%	0.020%	0.020%	0.00090%	0.00240%	0.0031%	0.0064%	0.001%	23.85%	22.89%	1.38%	1.35%	0.00%	0.03%	0.02%	0.03%	0.03%	0.03%	0.00%	2.41%	2.83%	0.10%
		尾鉱2	0.029	0.89%	26.07%	1.166%	0.102%	0.00840%	0.01320%	0.0197%	0.0345%	0.001%	0.22%	1.72%	61.73%	0.58%	0.10%	0.14%	0.15%	0.12%	0.14%	0.13%	0.00%	0.02%	0.16%	3.48%
		尾鉱3	0.044	1.36%	3.07%	0.490%	0.031%	0.00210%	0.00500%	0.0056%	0.0109%	0.001%	0.15%	1.46%	91.41%	0.10%	0.06%	0.06%	0.06%	0.07%	0.06%	0.06%	0.01%	0.02%	0.21%	7.85%
		小計	0.110	3.41%	23.78%	0.508%	0.046%	0.00334%	0.00626%	0.0084%	0.0155%	0.001%	8.21%	8.80%	53.08%	2.03%	0.16%	0.23%	0.23%	0.22%	0.23%	0.22%	0.01%	2.45%	3.20%	11.43%
計			3.222	100.00%	39.87%	10.528%	0.671%	0.05031%	0.10228%	0.1243%	0.2429%	0.250%	11.46%	9.36%	15.83%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別化学分析総合成績表　　粒度　-0.080 mm

産物			鉱量 (kg)	鉱量 (wt%)	TiO2	品位 (%) (Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	分布率 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
二次選鉱	精鉱	ｲﾙﾒﾅｲﾄ1-1	0.164	11.75%	47.57%	0.071%	0.014%	0.00050%	0.00140%	0.0020%	0.0038%	0.001%	29.42%	13.40%	1.50%	21.65%	0.04%	0.05%	0.02%	0.06%	0.04%	0.04%	0.01%	30.76%	17.79%	1.05%
		ｲﾙﾒﾅｲﾄ1-2	0.141	10.12%	46.78%	0.072%	0.019%	0.00060%	0.00280%	0.0038%	0.0055%	0.001%	27.24%	18.01%	1.75%	18.33%	0.03%	0.06%	0.03%	0.10%	0.06%	0.05%	0.01%	24.53%	20.59%	1.06%
		ｲﾙﾒﾅｲﾄ2-1	0.091	6.51%	46.24%	0.061%	0.022%	0.00080%	0.00230%	0.0033%	0.0064%	0.052%	26.31%	17.36%	2.37%	11.66%	0.02%	0.05%	0.02%	0.05%	0.04%	0.04%	0.34%	15.25%	12.77%	0.92%
		ｲﾙﾒﾅｲﾄ2-2	0.098	7.03%	45.05%	0.143%	0.358%	0.00260%	0.12700%	0.0320%	0.0678%	0.189%	24.28%	19.64%	3.07%	12.26%	0.05%	0.83%	0.08%	3.03%	0.38%	0.40%	1.34%	15.19%	15.59%	1.29%
		ﾙﾁﾙ	0.049	3.51%	47.92%	15.602%	0.564%	0.05050%	0.08300%	0.1235%	0.1969%	0.327%	0.68%	2.83%	24.60%	6.51%	2.51%	0.65%	0.74%	0.99%	0.73%	0.58%	1.16%	0.21%	1.12%	5.16%
		ｼﾞﾙｺﾝ1	0.335	24.03%	4.31%	59.164%	1.700%	0.15720%	0.12660%	0.3024%	0.6214%	0.910%	0.08%	1.09%	19.08%	4.01%	65.12%	13.52%	15.86%	10.32%	12.24%	12.64%	22.04%	0.17%	2.96%	27.40%
		ｼﾞﾙｺﾝ2	0.076	5.44%	21.42%	38.252%	0.773%	0.06120%	0.10700%	0.1246%	0.2284%	0.423%	0.26%	2.59%	28.73%	4.51%	9.53%	1.39%	1.40%	1.98%	1.14%	1.05%	2.32%	0.13%	1.59%	9.34%
		ﾓﾅｻﾞｲﾄ	0.034	2.47%	2.24%	0.011%	50.109%	4.12620%	2.16800%	12.2150%	23.1970%	17.112%	0.31%	2.99%	15.61%	0.21%	0.00%	40.89%	42.71%	18.14%	50.74%	48.40%	42.52%	0.07%	0.83%	2.30%
		ｾﾞﾉﾀｲﾑ	0.046	3.32%	23.45%	0.082%	4.596%	0.01280%	3.09600%	0.0422%	0.0946%	3.157%	12.32%	14.25%	15.87%	3.01%	0.01%	5.05%	0.18%	34.85%	0.24%	0.27%	10.56%	3.64%	5.34%	3.15%
		小計	1.034	74.18%	28.60%	22.758%	2.546%	0.19604%	0.27625%	0.5251%	1.0112%	1.074%	13.62%	9.38%	11.66%	82.15%	77.31%	62.49%	61.04%	69.52%	65.61%	63.47%	80.30%	89.95%	78.58%	51.67%
	中鉱	ｲﾙﾒﾅｲﾄM1	0.046	3.33%	37.48%	2.131%	2.109%	0.00990%	1.03640%	0.1220%	0.2353%	0.903%	19.57%	19.72%	7.97%	4.83%	0.32%	2.32%	0.14%	11.70%	0.68%	0.66%	3.03%	5.80%	7.41%	1.59%
		ﾙﾁﾙ	0.121	8.72%	10.56%	53.233%	0.926%	0.09820%	0.13930%	0.1735%	0.3174%	0.811%	0.23%	1.27%	28.11%	3.56%	21.26%	2.67%	3.59%	4.12%	2.55%	2.34%	7.12%	0.18%	1.25%	14.64%
		ｼﾞﾙｺﾝ	0.073	5.26%	24.84%	2.745%	0.501%	0.04060%	0.07120%	0.1047%	0.1765%	0.378%	0.54%	3.12%	46.33%	5.06%	0.66%	0.87%	0.90%	1.27%	0.93%	0.79%	2.00%	0.25%	1.85%	14.56%
		ﾓﾅｻﾞｲﾄM1	0.034	2.41%	9.65%	0.146%	17.281%	1.47200%	0.68350%	3.1606%	6.8365%	1.041%	1.20%	8.75%	27.95%	0.90%	0.02%	13.80%	14.91%	5.60%	12.85%	13.97%	2.53%	0.26%	2.39%	4.03%
		ﾓﾅｻﾞｲﾄM2	0.029	2.06%	11.31%	0.170%	20.249%	1.72486%	0.80091%	3.7035%	8.0109%	1.220%	1.41%	10.25%	32.75%	0.90%	0.02%	13.80%	14.91%	5.60%	12.85%	13.97%	2.53%	0.26%	2.39%	4.03%
		ｾﾞﾉﾀｲﾑ	0.008	0.58%	5.57%	0.093%	20.337%	1.79400%	1.01300%	4.5080%	9.5202%	4.171%	1.00%	5.72%	23.16%	0.12%	0.00%	3.89%	4.36%	1.99%	4.39%	4.66%	2.43%	0.05%	0.37%	0.80%
		小計	0.312	22.36%	17.77%	21.754%	5.050%	0.41355%	0.39915%	0.9095%	1.9227%	0.872%	3.42%	6.20%	29.68%	15.37%	22.28%	37.35%	38.81%	30.28%	34.25%	36.39%	19.64%	6.80%	15.66%	39.65%
	尾鉱	尾鉱1	0.019	1.35%	33.56%	0.052%	0.046%	0.00240%	0.00650%	0.0078%	0.0167%	0.001%	25.90%	33.47%	1.85%	1.75%	0.00%	0.02%	0.01%	0.03%	0.02%	0.02%	0.00%	3.11%	5.09%	0.15%
		尾鉱2	0.010	0.68%	19.90%	6.565%	0.245%	0.02251%	0.02771%	0.0418%	0.0880%	0.084%	0.91%	2.87%	57.21%	0.53%	0.21%	0.06%	0.06%	0.06%	0.05%	0.05%	0.06%	0.06%	0.22%	2.33%
		尾鉱3	0.020	1.43%	3.62%	3.021%	0.169%	0.01390%	0.02280%	0.0304%	0.0564%	0.001%	0.66%	2.76%	72.45%	0.20%	0.20%	0.08%	0.08%	0.11%	0.07%	0.07%	0.00%	0.08%	0.45%	6.20%
		小計	0.048	3.46%	18.48%	2.564%	0.136%	0.01112%	0.01742%	0.0239%	0.0472%	0.017%	10.53%	14.73%	41.97%	2.48%	0.41%	0.16%	0.15%	0.20%	0.14%	0.14%	0.06%	3.25%	5.76%	8.68%
計			1.393	100.00%	25.83%	21.834%	3.023%	0.23827%	0.29477%	0.5937%	1.1816%	0.993%	11.23%	8.85%	16.74%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別化学分析総合成績表　　合計

産物			鉱量 (kg)	鉱量 (wt%)	TiO2	品位 (%) (Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	分布率 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
二次選鉱	精鉱	ｲﾙﾒﾅｲﾄ1-1	1.164	18.29%	51.62%	0.064%	0.016%	0.00088%	0.00159%	0.0025%	0.0049%	0.001%	27.13%	11.32%	1.39%	25.17%	0.11%	0.26%	0.19%	0.22%	0.22%	0.21%	0.05%	43.47%	21.30%	1.55%
		ｲﾙﾒﾅｲﾄ1-2	0.871	13.69%	49.76%	0.068%	0.019%	0.00070%	0.00255%	0.0034%	0.0063%	0.001%	24.06%	17.83%	1.60%	18.15%	0.08%	0.23%	0.11%	0.26%	0.22%	0.21%	0.03%	28.84%	25.11%	1.34%
		ｲﾙﾒﾅｲﾄ2-1	0.317	4.99%	50.97%	0.067%	0.029%	0.00151%	0.00389%	0.0047%	0.0089%	0.016%	20.24%	18.36%	2.75%	6.78%	0.03%	0.13%	0.09%	0.15%	0.11%	0.11%	0.20%	8.84%	9.43%	0.84%
		ｲﾙﾒﾅｲﾄ2-2	0.403	6.33%	48.55%	0.115%	0.243%	0.00250%	0.07942%	0.0263%	0.0550%	0.102%	13.60%	20.35%	5.36%	8.20%	0.07%	1.39%	0.18%	3.80%	0.78%	0.83%	1.63%	7.54%	13.26%	2.08%
		ﾙﾁﾙ	0.394	6.20%	61.74%	5.486%	0.274%	0.02166%	0.03504%	0.0488%	0.0835%	0.144%	0.34%	1.91%	24.08%	10.21%	3.08%	1.53%	1.56%	1.64%	1.42%	1.23%	2.26%	0.18%	1.22%	9.14%
		ｼﾞﾙｺﾝ1	0.745	11.71%	8.20%	56.997%	0.902%	0.08343%	0.07143%	0.1569%	0.3236%	0.532%	0.05%	1.04%	19.23%	2.56%	60.35%	9.52%	11.36%	6.32%	8.64%	9.02%	15.75%	0.06%	1.25%	13.79%
		ｼﾞﾙｺﾝ2	0.355	5.58%	33.93%	23.459%	0.433%	0.03501%	0.06096%	0.0731%	0.1320%	0.241%	0.13%	1.92%	26.98%	5.05%	11.83%	2.18%	2.27%	2.57%	1.92%	1.75%	3.40%	0.07%	1.10%	9.21%
		ﾓﾅｻﾞｲﾄ	0.077	1.22%	16.48%	0.055%	36.056%	3.06319%	1.55008%	8.7772%	16.5789%	10.771%	0.49%	4.35%	17.81%	0.54%	0.01%	39.61%	43.38%	14.27%	50.28%	48.03%	33.16%	0.05%	0.55%	1.33%
		ｾﾞﾉﾀｲﾑ	0.198	3.12%	20.07%	0.208%	2.413%	0.00592%	1.57879%	0.0214%	0.0471%	1.555%	7.51%	13.71%	21.71%	1.67%	0.06%	6.79%	0.21%	37.25%	0.31%	0.35%	12.26%	2.05%	4.40%	4.14%
		小計	4.524	71.13%	41.30%	11.756%	0.961%	0.07177%	0.12361%	0.1910%	0.3648%	0.382%	14.63%	10.60%	9.97%	78.33%	75.62%	61.64%	59.35%	66.48%	63.90%	61.74%	68.74%	91.10%	77.62%	43.42%
	中鉱	ｲﾙﾒﾅｲﾄM1	0.228	3.59%	37.44%	1.234%	1.219%	0.00527%	0.64577%	0.0568%	0.1170%	0.541%	14.07%	18.35%	11.52%	3.58%	0.40%	3.94%	0.22%	17.51%	0.96%	1.00%	4.90%	4.42%	6.77%	2.53%
		ﾙﾁﾙ	0.356	5.59%	28.45%	41.684%	0.505%	0.05865%	0.07543%	0.0975%	0.1663%	0.394%	0.17%	1.40%	23.58%	4.24%	21.08%	2.55%	3.81%	3.19%	2.57%	2.21%	5.57%	0.08%	0.81%	8.07%
		ｼﾞﾙｺﾝ	0.406	6.39%	37.44%	3.938%	0.384%	0.02919%	0.04431%	0.0758%	0.1281%	0.210%	0.23%	2.33%	41.01%	6.38%	2.27%	2.21%	2.17%	2.14%	2.28%	1.95%	3.39%	0.13%	1.53%	16.02%
		ﾓﾅｻﾞｲﾄM1	0.216	3.39%	19.26%	0.230%	4.452%	0.40339%	0.18293%	0.8692%	1.8836%	0.764%	1.08%	8.65%	27.72%	1.74%	0.07%	13.62%	15.91%	4.69%	13.87%	15.20%	6.55%	0.32%	3.02%	5.75%
		ﾓﾅｻﾞｲﾄM2	0.267	4.20%	27.44%	0.567%	2.905%	0.26321%	0.11042%	0.5428%	1.1796%	0.638%	1.31%	9.92%	28.55%	3.08%	0.22%	11.01%	12.87%	3.51%	10.74%	11.80%	6.78%	0.48%	4.29%	7.35%
		ｾﾞﾉﾀｲﾑ	0.080	1.25%	7.75%	0.409%	4.271%	0.37456%	0.23635%	0.9288%	1.9810%	1.276%	2.68%	6.91%	29.20%	0.26%	0.05%	4.82%	5.46%	2.24%	5.47%	5.90%	4.04%	0.29%	0.89%	2.24%
		小計	1.553	24.41%	29.61%	10.908%	1.733%	0.14242%	0.18029%	0.3124%	0.6552%	0.506%	2.68%	6.89%	28.09%	19.28%	24.09%	38.15%	40.44%	33.28%	35.89%	38.06%	31.23%	5.72%	17.31%	41.96%
	尾鉱	尾鉱1	0.097	1.53%	40.39%	0.025%	0.024%	0.00110%	0.00306%	0.0038%	0.0079%	0.001%	23.19%	28.90%	1.48%	1.65%	0.00%	0.03%	0.02%	0.04%	0.03%	0.03%	0.00%	3.11%	4.55%	0.14%
		尾鉱2	0.065	1.02%	22.61%	1.696%	0.111%	0.00937%	0.01341%	0.0210%	0.0398%	0.013%	0.36%	1.56%	64.14%	0.61%	0.16%	0.10%	0.11%	0.10%	0.10%	0.10%	0.03%	0.03%	0.16%	3.99%
		尾鉱3	0.121	1.91%	2.47%	0.762%	0.047%	0.00361%	0.00665%	0.0084%	0.0161%	0.001%	0.21%	1.83%	89.86%	0.13%	0.13%	0.08%	0.08%	0.10%	0.08%	0.07%	0.00%	0.04%	0.36%	10.49%
		小計	0.283	4.46%	20.10%	0.722%	0.054%	0.00407%	0.00696%	0.0097%	0.0187%	0.004%	8.14%	11.07%	53.61%	2.39%	0.29%	0.21%	0.21%	0.24%	0.21%	0.20%	0.03%	3.18%	5.07%	14.62%
計			6.361	100.00%	37.50%	11.058%	1.109%	0.08600%	0.13225%	0.2126%	0.4203%	0.396%	11.42%	9.72%	16.34%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱1：　化学分析　（精鉱：非着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	1.704	27.20%	42.57%	3.52%	0.40%	0.031%	0.059%	0.073%	0.143%	0.19%	11.26%	10.55%	17.34%	30.90%	8.52%	10.09%	10.16%	12.20%	9.58%	9.56%	13.15%	27.26%	30.48%	28.50%
0.080	3.185	50.85%	39.79%	10.65%	0.68%	0.051%	0.103%	0.126%	0.246%	0.25%	11.31%	9.20%	16.00%	53.98%	48.23%	32.18%	31.11%	39.84%	30.91%	30.65%	32.39%	51.17%	49.69%	49.17%
-0.080	1.375	21.95%	25.83%	22.13%	2.82%	0.223%	0.289%	0.561%	1.111%	0.99%	11.05%	8.51%	16.84%	15.12%	43.25%	57.73%	58.73%	47.96%	59.51%	59.79%	54.46%	21.57%	19.83%	22.33%
合計	6.263	100.00%	37.48%	11.23%	1.07%	0.083%	0.132%	0.207%	0.408%	0.40%	11.24%	9.42%	16.55%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱1：　化学分析　（尾鉱1：着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.041	42.43%	38.12%	0.02%	0.02%	0.001%	0.002%	0.003%	0.005%	0.00%	21.36%	32.25%	1.41%	40.04%	30.16%	31.61%	26.88%	29.10%	29.87%	28.01%	42.40%	39.08%	47.35%	40.33%
0.080	0.037	38.30%	46.33%	0.02%	0.02%	0.001%	0.002%	0.003%	0.006%	0.00%	23.85%	22.89%	1.38%	43.94%	30.25%	31.70%	31.26%	30.00%	30.94%	31.12%	38.30%	39.39%	30.33%	35.63%
-0.080	0.019	19.27%	33.56%	0.05%	0.05%	0.002%	0.006%	0.008%	0.017%	0.00%	25.90%	33.47%	1.85%	16.02%	39.59%	36.69%	41.86%	40.90%	39.19%	40.87%	19.30%	21.53%	22.32%	24.04%
合計	0.097	100.00%	40.39%	0.03%	0.02%	0.001%	0.003%	0.004%	0.008%	0.00%	23.19%	28.90%	1.48%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱1：　化学分析　（合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	1.745	27.44%	42.47%	3.43%	0.39%	0.030%	0.058%	0.071%	0.140%	0.19%	11.50%	11.07%	16.96%	31.05%	8.52%	10.09%	10.16%	12.21%	9.59%	9.57%	13.16%	27.63%	31.24%	28.52%
0.080	3.222	50.66%	39.87%	10.53%	0.67%	0.050%	0.102%	0.124%	0.243%	0.25%	11.46%	9.36%	15.83%	53.81%	48.23%	32.18%	31.11%	39.84%	30.91%	30.65%	32.39%	50.82%	48.81%	49.15%
-0.080	1.393	21.90%	25.93%	21.83%	2.79%	0.220%	0.285%	0.554%	1.096%	0.97%	11.25%	8.85%	16.64%	15.14%	43.25%	57.73%	58.73%	47.95%	59.50%	59.78%	54.45%	21.57%	19.95%	22.33%
合計	6.361	100.00%	37.53%	11.06%	1.06%	0.082%	0.130%	0.204%	0.402%	0.39%	11.42%	9.72%	16.32%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.02%	100.00%	100.00%

粒度別磁力選鉱1：　化学分析　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.745	100.00%	42.47%	3.43%	0.39%	0.030%	0.058%	0.071%	0.140%	0.19%	11.50%	11.07%	16.96%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	1.704	97.63%	42.57%	3.52%	0.40%	0.031%	0.059%	0.073%	0.143%	0.19%	11.26%	10.55%	17.34%	97.87%	99.99%	99.89%	99.95%	99.91%	99.91%	99.91%	99.99%	95.60%	93.10%	99.80%
尾鉱	0.041	2.37%	38.12%	0.02%	0.02%	0.001%	0.002%	0.003%	0.005%	0.00%	21.36%	32.25%	1.41%	2.13%	0.01%	0.11%	0.05%	0.09%	0.09%	0.09%	0.01%	4.40%	6.90%	0.20%

粒度別磁力選鉱1：　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	3.222	100.00%	39.87%	10.53%	0.67%	0.050%	0.102%	0.124%	0.243%	0.25%	11.46%	9.36%	15.83%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	3.185	98.84%	39.79%	10.65%	0.68%	0.051%	0.103%	0.126%	0.246%	0.25%	11.31%	9.20%	16.00%	98.65%	100.00%	99.97%	99.98%	99.97%	99.97%	99.97%	100.00%	97.59%	97.17%	99.90%
尾鉱	0.037	1.16%	46.33%	0.02%	0.02%	0.001%	0.002%	0.003%	0.006%	0.00%	23.85%	22.89%	1.38%	1.35%	0.00%	0.03%	0.02%	0.03%	0.03%	0.03%	0.00%	2.41%	2.83%	0.10%

粒度別磁力選鉱1：　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.393	100.00%	25.93%	21.83%	2.79%	0.220%	0.285%	0.554%	1.096%	0.97%	11.25%	8.85%	16.64%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	1.375	98.65%	25.83%	22.13%	2.82%	0.223%	0.289%	0.561%	1.111%	0.99%	11.05%	8.51%	16.84%	98.26%	100.00%	99.98%	99.99%	99.97%	99.98%	99.98%	100.00%	96.90%	94.90%	99.85%
尾鉱	0.019	1.35%	33.56%	0.05%	0.05%	0.002%	0.006%	0.008%	0.017%	0.00%	25.90%	33.47%	1.85%	1.74%	0.00%	0.02%	0.01%	0.03%	0.02%	0.02%	0.00%	3.10%	5.10%	0.15%

粒度別磁力選鉱1：　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	6.361	100.00%	37.53%	11.06%	1.06%	0.082%	0.130%	0.204%	0.402%	0.39%	11.42%	9.72%	16.32%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	6.263	98.47%	37.48%	11.23%	1.07%	0.083%	0.132%	0.207%	0.408%	0.40%	11.24%	9.42%	16.55%	98.35%	100.00%	99.97%	99.98%	99.96%	99.97%	99.97%	100.00%	96.89%	95.45%	99.86%
尾鉱	0.097	1.53%	40.39%	0.03%	0.02%	0.001%	0.003%	0.004%	0.008%	0.00%	23.19%	28.90%	1.48%	1.65%	0.00%	0.03%	0.02%	0.04%	0.03%	0.03%	0.00%	3.11%	4.55%	0.14%

粒度別磁力選鉱2：　化学分析　（精鉱：着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.737	32.58%	50.38%	0.10%	0.08%	0.001%	0.036%	0.006%	0.011%	0.03%	22.08%	15.56%	2.56%	33.18%	17.17%	18.43%	35.71%	17.40%	21.89%	22.19%	15.78%	29.20%	34.90%	33.53%
0.080	1.174	51.90%	49.97%	0.19%	0.13%	0.001%	0.065%	0.007%	0.015%	0.05%	25.46%	13.42%	2.45%	52.42%	53.85%	48.74%	42.26%	50.44%	43.55%	45.27%	50.57%	53.64%	47.93%	51.17%
-0.080	0.351	15.52%	45.92%	0.34%	0.29%	0.002%	0.139%	0.019%	0.035%	0.12%	27.24%	16.09%	2.46%	14.40%	28.98%	32.83%	22.03%	32.16%	34.56%	32.54%	33.65%	17.16%	17.17%	15.30%
合計	2.263	100.00%	49.48%	0.18%	0.14%	0.001%	0.067%	0.008%	0.017%	0.06%	24.63%	14.53%	2.49%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱2：　化学分析　（尾鉱：非着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.967	24.16%	36.62%	6.12%	0.64%	0.054%	0.077%	0.124%	0.244%	0.32%	3.02%	6.73%	28.61%	28.82%	8.46%	9.68%	10.02%	11.03%	9.40%	9.37%	13.02%	19.89%	24.91%	28.21%
0.080	2.011	50.26%	33.84%	16.76%	1.00%	0.080%	0.126%	0.195%	0.381%	0.37%	3.05%	6.74%	23.91%	55.40%	48.20%	31.37%	31.05%	37.47%	30.72%	30.43%	31.42%	41.79%	51.91%	49.06%
-0.080	1.023	25.58%	18.94%	29.61%	3.69%	0.298%	0.340%	0.747%	1.480%	1.28%	5.49%	5.92%	21.77%	15.78%	43.34%	58.95%	58.93%	51.50%	59.88%	60.20%	55.56%	38.32%	23.18%	22.73%
合計	4.001	100.00%	30.70%	17.48%	1.60%	0.130%	0.169%	0.319%	0.629%	0.59%	3.67%	6.53%	24.50%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱2：　化学分析　（合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	1.704	27.20%	42.57%	3.52%	0.40%	0.031%	0.059%	0.073%	0.143%	0.19%	11.26%	10.55%	17.34%	30.90%	8.52%	10.09%	10.16%	12.20%	9.58%	9.56%	13.15%	27.26%	30.48%	28.50%
0.080	3.185	50.85%	39.79%	10.65%	0.68%	0.051%	0.103%	0.126%	0.246%	0.25%	11.31%	9.20%	16.00%	53.98%	48.23%	32.18%	31.11%	39.84%	30.91%	30.65%	32.39%	51.17%	49.69%	49.17%
-0.080	1.375	21.95%	25.83%	22.13%	2.82%	0.223%	0.289%	0.561%	1.111%	0.99%	11.05%	8.51%	16.84%	15.12%	43.25%	57.73%	58.73%	47.96%	59.51%	59.79%	54.46%	21.57%	19.83%	22.33%
合計	6.263	100.00%	37.48%	11.23%	1.07%	0.083%	0.132%	0.207%	0.408%	0.40%	11.24%	9.42%	16.55%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱2：　化学分析　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.704	100.00%	42.57%	3.52%	0.40%	0.031%	0.059%	0.073%	0.143%	0.19%	11.26%	10.55%	17.34%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.737	43.26%	50.38%	0.10%	0.08%	0.001%	0.036%	0.006%	0.011%	0.03%	22.08%	15.56%	2.56%	51.20%	1.19%	8.51%	1.92%	26.11%	3.33%	3.44%	6.04%	84.80%	63.81%	6.39%
尾鉱	0.967	56.74%	36.62%	6.12%	0.64%	0.054%	0.077%	0.124%	0.244%	0.32%	3.02%	6.73%	28.61%	48.80%	98.81%	91.49%	98.08%	73.89%	96.67%	96.56%	93.96%	15.20%	36.19%	93.61%

粒度別磁力選鉱2：　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	3.185	100.00%	39.79%	10.65%	0.68%	0.051%	0.103%	0.126%	0.246%	0.25%	11.31%	9.20%	16.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	1.174	36.87%	49.97%	0.19%	0.13%	0.001%	0.065%	0.007%	0.015%	0.05%	25.46%	13.42%	2.45%	46.31%	0.66%	7.05%	0.74%	23.18%	2.05%	2.19%	7.86%	82.99%	53.76%	5.65%
尾鉱	2.011	63.13%	33.84%	16.76%	1.00%	0.080%	0.126%	0.195%	0.381%	0.37%	3.05%	6.74%	23.91%	53.69%	99.34%	92.95%	99.26%	76.82%	97.95%	97.81%	92.14%	17.01%	46.24%	94.35%

粒度別磁力選鉱2：　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.375	100.00%	25.83%	22.13%	2.82%	0.223%	0.289%	0.561%	1.111%	0.99%	11.05%	8.51%	16.84%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.351	25.54%	45.92%	0.34%	0.29%	0.002%	0.139%	0.019%	0.035%	0.12%	27.24%	16.09%	2.46%	45.41%	0.40%	2.65%	0.20%	12.28%	0.85%	0.81%	3.11%	62.99%	48.26%	3.72%
尾鉱	1.023	74.46%	18.94%	29.61%	3.69%	0.298%	0.340%	0.747%	1.480%	1.28%	5.49%	5.92%	21.77%	54.59%	99.60%	97.35%	99.80%	87.72%	99.15%	99.19%	96.89%	37.01%	51.74%	96.28%

粒度別磁力選鉱2：　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	6.263	100.00%	37.48%	11.23%	1.07%	0.083%	0.132%	0.207%	0.408%	0.40%	11.24%	9.42%	16.55%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	2.263	36.12%	49.48%	0.18%	0.14%	0.001%	0.067%	0.008%	0.017%	0.06%	24.63%	14.53%	2.49%	47.68%	0.59%	4.66%	0.55%	18.31%	1.46%	1.48%	5.04%	79.17%	55.73%	5.43%
尾鉱	4.001	63.88%	30.70%	17.48%	1.60%	0.130%	0.169%	0.319%	0.629%	0.59%	3.67%	6.53%	24.50%	52.32%	99.41%	95.34%	99.45%	81.69%	98.54%	98.52%	94.96%	20.83%	44.27%	94.57%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 （精鉱1-1）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.407	34.96%	52.27%	0.05%	0.02%	0.001%	0.002%	0.003%	0.006%	0.00%	24.84%	12.25%	1.31%	35.40%	27.88%	42.18%	51.56%	46.07%	46.05%	46.02%	34.97%	32.01%	37.85%	33.01%
0.080	0.593	50.97%	52.30%	0.07%	0.01%	0.001%	0.001%	0.002%	0.004%	0.00%	28.07%	10.10%	1.41%	51.64%	56.54%	45.31%	40.46%	41.57%	42.72%	42.98%	50.96%	52.73%	45.49%	51.78%
-0.080	0.164	14.07%	47.57%	0.07%	0.01%	0.001%	0.001%	0.002%	0.004%	0.00%	29.42%	13.40%	1.50%	12.96%	15.58%	12.51%	7.98%	12.36%	11.23%	11.00%	14.07%	15.26%	16.66%	15.21%
合計	1.164	100.00%	51.62%	0.06%	0.02%	0.001%	0.002%	0.003%	0.005%	0.00%	27.13%	11.32%	1.39%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 （精鉱1-2）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.272	31.26%	51.46%	0.06%	0.02%	0.001%	0.003%	0.005%	0.009%	0.00%	20.93%	19.60%	1.54%	32.33%	28.02%	39.52%	48.85%	36.82%	40.89%	44.17%	31.27%	27.19%	34.37%	30.19%
0.080	0.458	52.55%	49.67%	0.07%	0.02%	0.001%	0.002%	0.003%	0.005%	0.00%	24.95%	16.72%	1.58%	52.45%	55.01%	44.28%	37.34%	45.39%	41.23%	41.70%	52.55%	54.49%	49.28%	52.05%
-0.080	0.141	16.19%	46.78%	0.07%	0.02%	0.001%	0.003%	0.004%	0.006%	0.00%	27.24%	18.01%	1.75%	15.22%	16.97%	16.20%	13.81%	17.79%	17.88%	14.13%	16.18%	18.32%	16.35%	17.76%
合計	0.871	100.00%	49.76%	0.07%	0.02%	0.001%	0.003%	0.003%	0.006%	0.00%	24.06%	17.83%	1.60%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 （中鉱1）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.058	25.46%	32.13%	0.58%	0.75%	0.003%	0.425%	0.027%	0.058%	0.33%	8.07%	19.87%	16.12%	21.85%	12.02%	15.62%	15.47%	16.74%	12.06%	12.62%	15.49%	14.60%	27.56%	35.62%
0.080	0.124	54.21%	39.92%	1.20%	1.11%	0.004%	0.603%	0.046%	0.100%	0.50%	14.82%	17.13%	10.69%	57.80%	52.89%	49.22%	46.32%	50.63%	44.28%	46.49%	50.55%	57.12%	50.60%	50.31%
-0.080	0.046	20.33%	37.48%	2.13%	2.11%	0.010%	1.036%	0.122%	0.235%	0.90%	19.57%	19.72%	7.97%	20.35%	35.09%	35.16%	38.21%	32.63%	43.66%	40.89%	33.96%	28.28%	21.84%	14.07%
合計	0.228	100.00%	37.44%	1.23%	1.22%	0.005%	0.646%	0.057%	0.117%	0.54%	14.07%	18.35%	11.52%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 （合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.737	32.58%	50.38%	0.10%	0.08%	0.001%	0.036%	0.006%	0.011%	0.03%	22.08%	15.56%	2.56%	33.18%	17.17%	18.43%	35.71%	17.40%	21.89%	22.19%	15.78%	29.20%	34.90%	33.53%
0.080	1.174	51.90%	49.97%	0.19%	0.13%	0.001%	0.065%	0.007%	0.015%	0.05%	25.46%	13.42%	2.45%	52.42%	53.85%	48.74%	42.26%	50.44%	43.55%	45.27%	50.57%	53.64%	47.93%	51.17%
-0.080	0.351	15.52%	45.92%	0.34%	0.29%	0.002%	0.139%	0.019%	0.035%	0.12%	27.24%	16.09%	2.46%	14.40%	28.98%	32.83%	22.03%	32.16%	34.56%	32.54%	33.65%	17.16%	17.17%	15.30%
合計	2.263	100.00%	49.48%	0.18%	0.14%	0.001%	0.067%	0.008%	0.017%	0.06%	24.63%	14.53%	2.49%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 粒度 0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.737	100.00%	50.38%	0.10%	0.08%	0.001%	0.036%	0.006%	0.011%	0.03%	22.08%	15.56%	2.56%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1-1	0.407	55.20%	52.27%	0.05%	0.02%	0.001%	0.002%	0.003%	0.006%	0.00%	24.84%	12.25%	1.31%	57.27%	29.27%	13.40%	52.15%	3.24%	32.51%	31.02%	2.06%	62.11%	43.44%	28.23%
精鉱1-2	0.272	36.92%	51.46%	0.06%	0.02%	0.001%	0.003%	0.005%	0.009%	0.00%	20.93%	19.60%	1.54%	37.71%	23.35%	11.32%	29.52%	3.10%	29.66%	28.86%	1.38%	35.01%	46.50%	22.20%
中鉱1	0.058	7.88%	32.13%	0.58%	0.75%	0.003%	0.425%	0.027%	0.058%	0.33%	8.07%	19.87%	16.12%	5.02%	47.38%	75.28%	18.33%	93.66%	37.83%	40.12%	96.56%	2.88%	10.06%	49.57%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 粒度 0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.174	100.00%	49.97%	0.19%	0.13%	0.001%	0.065%	0.007%	0.015%	0.05%	25.46%	13.42%	2.45%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1-1	0.593	50.51%	52.30%	0.07%	0.01%	0.001%	0.001%	0.002%	0.004%	0.00%	28.07%	10.10%	1.41%	52.87%	18.92%	5.44%	34.58%	1.01%	15.15%	14.20%	0.94%	55.69%	38.01%	29.02%
精鉱1-2	0.458	38.96%	49.67%	0.07%	0.02%	0.001%	0.002%	0.003%	0.005%	0.00%	24.95%	16.72%	1.58%	38.72%	14.62%	4.80%	19.06%	1.32%	15.03%	13.36%	0.72%	38.18%	48.55%	25.09%
中鉱1	0.124	10.53%	39.92%	1.20%	1.11%	0.004%	0.603%	0.046%	0.100%	0.50%	14.82%	17.13%	10.69%	8.41%	66.46%	89.76%	46.36%	97.67%	69.82%	72.44%	98.34%	6.13%	13.44%	45.89%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 粒度 -0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.351	100.00%	45.92%	0.34%	0.29%	0.002%	0.139%	0.019%	0.035%	0.12%	27.24%	16.09%	2.46%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1-1	0.164	46.64%	47.57%	0.07%	0.01%	0.001%	0.001%	0.002%	0.004%	0.00%	29.42%	13.40%	1.50%	48.32%	9.69%	2.23%	13.09%	0.47%	5.02%	5.05%	0.39%	50.37%	38.85%	28.50%
精鉱1-2	0.141	40.15%	46.78%	0.07%	0.02%	0.001%	0.003%	0.004%	0.006%	0.00%	27.24%	18.01%	1.75%	40.90%	8.38%	2.61%	13.52%	0.81%	8.21%	6.30%	0.33%	40.14%	44.95%	28.62%
中鉱1	0.046	13.21%	37.48%	2.13%	2.11%	0.010%	1.036%	0.122%	0.235%	0.90%	19.57%	19.72%	7.97%	10.78%	81.93%	95.16%	73.39%	98.72%	86.77%	88.65%	99.28%	9.49%	16.20%	42.88%

粒度別ｲﾙﾒﾅｲﾄ精選1： 化学分析 合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	2.263	100.00%	49.48%	0.18%	0.14%	0.001%	0.067%	0.008%	0.017%	0.06%	24.63%	14.53%	2.49%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1-1	1.164	51.44%	51.62%	0.06%	0.02%	0.001%	0.002%	0.003%	0.005%	0.00%	27.13%	11.32%	1.39%	53.67%	18.02%	5.85%	36.12%	1.23%	15.45%	14.96%	0.93%	56.65%	40.05%	28.68%
精鉱1-2	0.871	38.48%	49.76%	0.07%	0.02%	0.001%	0.003%	0.003%	0.006%	0.00%	24.06%	17.83%	1.60%	38.70%	14.31%	5.28%	21.57%	1.46%	15.87%	14.50%	0.69%	37.59%	47.21%	24.66%
中鉱1	0.228	10.08%	37.44%	1.23%	1.22%	0.005%	0.646%	0.057%	0.117%	0.54%	14.07%	18.35%	11.52%	7.63%	67.67%	88.87%	42.31%	97.31%	68.68%	70.54%	98.38%	5.76%	12.74%	46.66%

粒度別磁力選鉱3：　化学分析　（精鉱：着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.255	25.51%	35.59%	0.13%	0.45%	0.017%	0.171%	0.048%	0.101%	0.22%	10.19%	15.91%	13.55%	22.47%	23.79%	12.49%	13.13%	11.90%	13.49%	13.33%	12.09%	19.08%	23.43%	35.70%
0.080	0.501	50.15%	43.01%	0.17%	0.79%	0.026%	0.315%	0.073%	0.156%	0.40%	11.32%	18.06%	9.55%	53.39%	59.14%	42.87%	39.56%	43.21%	40.34%	40.71%	43.44%	41.65%	52.26%	49.44%
-0.080	0.243	24.34%	40.07%	0.10%	1.70%	0.063%	0.675%	0.172%	0.364%	0.83%	21.99%	17.30%	5.91%	24.14%	17.07%	44.64%	47.31%	44.89%	46.17%	45.96%	44.47%	39.27%	24.31%	14.86%
合計	0.998	100.00%	40.40%	0.14%	0.93%	0.033%	0.366%	0.091%	0.193%	0.46%	13.63%	17.32%	9.68%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱3：　化学分析　（尾鉱：非着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.712	23.72%	36.98%	8.26%	0.71%	0.067%	0.044%	0.151%	0.295%	0.35%	0.45%	3.45%	33.99%	31.92%	8.43%	9.20%	9.81%	10.02%	9.09%	9.05%	13.24%	30.28%	27.82%	27.40%
0.080	1.510	50.29%	30.80%	22.26%	1.07%	0.098%	0.063%	0.236%	0.455%	0.36%	0.31%	2.99%	28.67%	56.39%	48.18%	29.42%	30.48%	30.71%	29.99%	29.58%	28.55%	43.66%	51.20%	49.00%
-0.080	0.780	25.99%	12.36%	38.79%	4.31%	0.372%	0.236%	0.926%	1.827%	1.42%	0.35%	2.37%	26.71%	11.69%	43.39%	61.38%	59.71%	59.27%	60.92%	61.38%	58.21%	26.06%	20.98%	23.60%
合計	3.003	100.00%	27.48%	23.24%	1.83%	0.162%	0.103%	0.395%	0.774%	0.64%	0.35%	2.94%	29.42%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.01%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱3：　化学分析　（合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.967	24.16%	36.62%	6.12%	0.64%	0.054%	0.077%	0.124%	0.244%	0.32%	3.02%	6.73%	28.61%	28.82%	8.46%	9.68%	10.02%	11.03%	9.40%	9.37%	13.02%	19.89%	24.91%	28.21%
0.080	2.011	50.26%	33.84%	16.76%	1.00%	0.080%	0.126%	0.195%	0.381%	0.37%	3.05%	6.74%	23.91%	55.40%	48.20%	31.37%	31.05%	37.47%	30.72%	30.43%	31.42%	41.79%	51.91%	49.06%
-0.080	1.023	25.58%	18.94%	29.61%	3.69%	0.298%	0.340%	0.747%	1.480%	1.28%	5.49%	5.92%	21.77%	15.78%	43.34%	58.95%	58.93%	51.50%	59.88%	60.20%	55.56%	38.32%	23.18%	22.73%
合計	4.001	100.00%	30.70%	17.48%	1.60%	0.130%	0.169%	0.319%	0.629%	0.59%	3.67%	6.53%	24.50%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱3：　化学分析　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.967	100.00%	36.62%	6.12%	0.64%	0.054%	0.077%	0.124%	0.244%	0.32%	3.02%	6.73%	28.61%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.255	26.34%	35.59%	0.13%	0.45%	0.017%	0.171%	0.048%	0.101%	0.22%	10.19%	15.91%	13.55%	25.60%	0.57%	18.65%	8.22%	58.30%	10.15%	10.86%	17.93%	88.99%	62.26%	12.48%
尾鉱	0.712	73.66%	36.98%	8.26%	0.71%	0.067%	0.044%	0.151%	0.295%	0.35%	0.45%	3.45%	33.99%	74.40%	99.43%	81.35%	91.78%	41.70%	89.85%	89.14%	82.07%	11.01%	37.74%	87.52%

粒度別磁力選鉱3：　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	2.011	100.00%	33.84%	16.76%	1.00%	0.080%	0.126%	0.195%	0.381%	0.37%	3.05%	6.74%	23.91%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.501	24.89%	43.01%	0.17%	0.79%	0.026%	0.315%	0.073%	0.156%	0.40%	11.32%	18.06%	9.55%	31.64%	0.25%	19.75%	7.99%	62.36%	9.29%	10.22%	26.68%	92.45%	66.67%	9.94%
尾鉱	1.510	75.11%	30.80%	22.26%	1.07%	0.098%	0.063%	0.236%	0.455%	0.36%	0.31%	2.99%	28.67%	68.36%	99.75%	80.25%	92.01%	37.64%	90.71%	89.78%	73.32%	7.55%	33.33%	90.06%

粒度別磁力選鉱3：　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.023	100.00%	18.94%	29.61%	3.69%	0.298%	0.340%	0.747%	1.480%	1.28%	5.49%	5.92%	21.77%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.243	23.74%	40.07%	0.10%	1.70%	0.063%	0.675%	0.172%	0.364%	0.83%	21.99%	17.30%	5.91%	50.24%	0.08%	10.95%	5.04%	47.14%	5.46%	5.83%	15.44%	95.08%	69.42%	6.45%
尾鉱	0.780	76.26%	12.36%	38.79%	4.31%	0.372%	0.236%	0.926%	1.827%	1.42%	0.35%	2.37%	26.71%	49.76%	99.92%	89.05%	94.96%	52.86%	94.54%	94.17%	84.56%	4.92%	30.58%	93.55%

粒度別磁力選鉱3：　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	4.001	100.00%	30.70%	17.48%	1.60%	0.130%	0.169%	0.319%	0.629%	0.59%	3.67%	6.53%	24.50%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.998	24.95%	40.40%	0.14%	0.93%	0.033%	0.366%	0.091%	0.193%	0.46%	13.63%	17.32%	9.68%	32.83%	0.20%	14.45%	6.27%	54.08%	7.08%	7.64%	19.30%	92.77%	66.21%	9.86%
尾鉱	3.003	75.05%	27.48%	23.24%	1.83%	0.162%	0.103%	0.395%	0.774%	0.64%	0.35%	2.94%	29.42%	67.17%	99.80%	85.55%	93.73%	45.92%	92.92%	92.36%	80.70%	7.23%	33.79%	90.14%

粒度別静電選鉱1：　化学分析　（精鉱：良導体）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.153	21.19%	52.61%	0.09%	0.15%	0.003%	0.045%	0.016%	0.034%	0.05%	14.04%	20.21%	3.85%	22.46%	21.25%	21.55%	25.97%	20.49%	20.62%	20.77%	17.11%	18.00%	21.98%	19.37%
0.080	0.379	52.61%	50.40%	0.09%	0.12%	0.002%	0.036%	0.016%	0.033%	0.04%	13.18%	19.64%	5.09%	53.45%	49.70%	43.90%	51.99%	41.44%	50.97%	50.32%	32.37%	41.96%	53.07%	63.62%
-0.080	0.189	26.20%	45.62%	0.10%	0.20%	0.002%	0.067%	0.018%	0.038%	0.12%	25.26%	18.54%	2.73%	24.09%	29.05%	34.55%	22.04%	38.07%	28.41%	28.91%	50.52%	40.04%	24.95%	17.01%
合計	0.720	100.00%	49.62%	0.09%	0.15%	0.002%	0.046%	0.017%	0.035%	0.06%	16.53%	19.47%	4.21%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別静電選鉱1：　化学分析　（尾鉱：不良導体）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.102	36.72%	10.15%	0.19%	0.91%	0.038%	0.359%	0.095%	0.200%	0.46%	4.44%	9.48%	28.04%	22.54%	26.11%	11.30%	12.52%	11.04%	12.39%	12.21%	11.53%	26.60%	29.60%	43.16%
0.080	0.122	43.75%	20.01%	0.41%	2.88%	0.099%	1.184%	0.249%	0.540%	1.51%	5.53%	13.13%	23.42%	52.91%	67.74%	42.73%	38.96%	43.39%	38.69%	39.28%	44.68%	39.48%	48.84%	42.96%
-0.080	0.054	19.53%	20.80%	0.08%	6.93%	0.277%	2.787%	0.705%	1.493%	3.31%	10.64%	12.98%	16.95%	24.55%	6.15%	45.97%	48.52%	45.57%	48.92%	48.51%	43.79%	33.92%	21.56%	13.88%
合計	0.278	100.00%	16.54%	0.27%	2.95%	0.112%	1.194%	0.281%	0.601%	1.48%	6.13%	11.76%	23.86%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別静電選鉱1：　化学分析　（合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.255	25.51%	35.59%	0.13%	0.45%	0.017%	0.171%	0.048%	0.101%	0.22%	10.19%	15.91%	13.55%	22.47%	23.79%	12.49%	13.13%	11.90%	13.49%	13.33%	12.09%	19.08%	23.43%	35.70%
0.080	0.501	50.15%	43.01%	0.17%	0.79%	0.026%	0.315%	0.073%	0.156%	0.40%	11.32%	18.06%	9.55%	53.39%	59.14%	42.87%	39.56%	43.21%	40.34%	40.71%	43.44%	41.65%	52.26%	49.44%
-0.080	0.243	24.34%	40.07%	0.10%	1.70%	0.063%	0.675%	0.172%	0.364%	0.83%	21.99%	17.30%	5.91%	24.14%	17.07%	44.64%	47.31%	44.89%	46.17%	45.96%	44.47%	39.27%	24.31%	14.86%
合計	0.998	100.00%	40.40%	0.14%	0.93%	0.033%	0.366%	0.091%	0.193%	0.46%	13.63%	17.32%	9.68%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別静電選鉱1：　化学分析　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.255	100.00%	35.59%	0.13%	0.45%	0.017%	0.171%	0.048%	0.101%	0.22%	10.19%	15.91%	13.55%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.153	59.90%	52.61%	0.09%	0.15%	0.003%	0.045%	0.016%	0.034%	0.05%	14.04%	20.21%	3.85%	88.56%	42.60%	19.98%	9.03%	15.66%	20.45%	20.25%	14.26%	82.54%	76.10%	17.02%
尾鉱	0.102	40.10%	10.15%	0.19%	0.91%	0.038%	0.359%	0.095%	0.200%	0.46%	4.44%	9.48%	28.04%	11.44%	57.40%	80.02%	90.97%	84.34%	79.55%	79.75%	85.74%	17.46%	23.90%	82.98%

粒度別静電選鉱1：　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.501	100.00%	43.01%	0.17%	0.79%	0.026%	0.315%	0.073%	0.156%	0.40%	11.32%	18.06%	9.55%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.379	75.69%	50.40%	0.09%	0.12%	0.002%	0.036%	0.016%	0.033%	0.04%	13.18%	19.64%	5.09%	88.69%	40.09%	11.85%	6.00%	8.72%	16.90%	16.06%	7.51%	88.13%	82.33%	40.37%
尾鉱	0.122	24.31%	20.01%	0.41%	2.88%	0.099%	1.184%	0.249%	0.540%	1.51%	5.53%	13.13%	23.42%	11.31%	59.91%	88.15%	94.00%	91.28%	83.10%	83.94%	92.49%	11.87%	17.67%	59.63%

粒度別静電選鉱1：　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.243	100.00%	40.07%	0.10%	1.70%	0.063%	0.675%	0.172%	0.364%	0.83%	21.99%	17.30%	5.91%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.189	77.65%	45.62%	0.10%	0.20%	0.002%	0.067%	0.018%	0.038%	0.12%	25.26%	18.54%	2.73%	88.40%	81.15%	8.96%	2.13%	7.71%	8.23%	8.18%	11.45%	89.18%	83.22%	35.90%
尾鉱	0.054	22.35%	20.80%	0.08%	6.93%	0.277%	2.787%	0.705%	1.493%	3.31%	10.64%	12.98%	16.95%	11.60%	18.85%	91.04%	97.87%	92.29%	91.77%	91.82%	88.55%	10.82%	16.78%	64.10%

粒度別静電選鉱1：　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.998	100.00%	40.40%	0.14%	0.93%	0.033%	0.366%	0.091%	0.193%	0.46%	13.63%	17.32%	9.68%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.720	72.14%	49.62%	0.09%	0.15%	0.002%	0.046%	0.017%	0.035%	0.06%	16.53%	19.47%	4.21%	88.59%	47.70%	11.58%	4.57%	9.09%	13.38%	13.00%	10.08%	87.48%	81.09%	31.37%
尾鉱	0.278	27.86%	16.54%	0.27%	2.95%	0.112%	1.194%	0.281%	0.601%	1.48%	6.13%	11.76%	23.86%	11.41%	52.30%	88.42%	95.43%	90.91%	86.62%	87.00%	89.92%	12.52%	18.91%	68.63%

粒度別ｲﾙﾒﾅｲﾄ精選2　化学分析　(精鉱2-1)

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.055	17.31%	56.42%	0.06%	0.04%	0.002%	0.007%	0.008%	0.015%	0.00%	9.66%	23.12%	2.50%	19.16%	15.90%	26.21%	27.51%	30.26%	28.29%	28.67%	1.11%	8.26%	21.79%	15.74%
0.080	0.172	54.10%	51.72%	0.07%	0.03%	0.002%	0.004%	0.004%	0.008%	0.00%	20.42%	17.37%	3.03%	54.90%	57.87%	52.14%	57.34%	52.83%	51.68%	50.85%	3.47%	54.58%	51.18%	59.62%
-0.080	0.091	28.59%	46.24%	0.06%	0.02%	0.001%	0.002%	0.003%	0.006%	0.05%	26.31%	17.36%	2.37%	25.94%	26.23%	21.65%	15.15%	16.91%	20.03%	20.48%	95.42%	37.16%	27.03%	24.64%
合計	0.317	100.00%	50.97%	0.07%	0.03%	0.002%	0.004%	0.005%	0.009%	0.02%	20.24%	18.36%	2.75%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｲﾙﾒﾅｲﾄ精選2　化学分析　(精鉱2-2)

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.098	24.24%	50.47%	0.11%	0.21%	0.003%	0.066%	0.021%	0.045%	0.08%	16.51%	18.57%	4.61%	25.20%	23.72%	21.11%	25.24%	20.11%	19.54%	19.75%	19.03%	29.43%	22.12%	20.84%
0.080	0.207	51.44%	49.30%	0.10%	0.20%	0.002%	0.063%	0.026%	0.054%	0.07%	7.18%	21.52%	6.80%	52.24%	45.93%	43.12%	49.44%	41.01%	50.87%	50.26%	35.85%	27.16%	54.41%	65.24%
-0.080	0.098	24.32%	45.05%	0.14%	0.36%	0.003%	0.127%	0.032%	0.068%	0.19%	24.28%	19.64%	3.07%	22.56%	30.35%	35.77%	25.32%	38.88%	29.59%	29.99%	45.12%	43.41%	23.47%	13.92%
合計	0.403	100.00%	48.55%	0.11%	0.24%	0.002%	0.079%	0.026%	0.055%	0.10%	13.60%	20.35%	5.36%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｲﾙﾒﾅｲﾄ精選2　化学分析　(合計)

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.153	21.19%	52.61%	0.09%	0.15%	0.003%	0.045%	0.016%	0.034%	0.05%	14.04%	20.21%	3.85%	22.46%	21.25%	21.55%	25.97%	20.49%	20.62%	20.77%	17.11%	18.00%	21.98%	19.37%
0.080	0.379	52.61%	50.40%	0.09%	0.12%	0.002%	0.036%	0.016%	0.033%	0.04%	13.18%	19.64%	5.09%	53.45%	49.70%	43.90%	51.99%	41.44%	50.97%	50.32%	32.37%	41.96%	53.07%	63.62%
-0.080	0.189	26.20%	45.62%	0.10%	0.20%	0.002%	0.067%	0.018%	0.038%	0.12%	25.26%	18.54%	2.73%	24.09%	29.05%	34.55%	22.04%	38.07%	28.41%	28.91%	50.52%	40.04%	24.95%	17.01%
合計	0.720	100.00%	49.62%	0.09%	0.15%	0.002%	0.046%	0.017%	0.035%	0.06%	16.53%	19.47%	4.21%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｲﾙﾒﾅｲﾄ精選2　化学分析　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.153	100.00%	52.61%	0.09%	0.15%	0.003%	0.045%	0.016%	0.034%	0.05%	14.04%	20.21%	3.85%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱2-1	0.055	36.00%	56.42%	0.06%	0.04%	0.002%	0.007%	0.008%	0.015%	0.00%	9.66%	23.12%	2.50%	38.61%	23.58%	10.45%	34.18%	5.49%	16.97%	15.67%	0.70%	24.76%	41.19%	23.38%
精鉱2-2	0.098	64.00%	50.47%	0.11%	0.21%	0.003%	0.066%	0.021%	0.045%	0.08%	16.51%	18.57%	4.61%	61.39%	76.42%	89.55%	65.82%	94.51%	83.03%	84.33%	99.30%	75.24%	58.81%	76.62%

粒度別ｲﾙﾒﾅｲﾄ精選2　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.379	100.00%	50.40%	0.09%	0.12%	0.002%	0.036%	0.016%	0.033%	0.04%	13.18%	19.64%	5.09%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱2-1	0.172	45.31%	51.72%	0.07%	0.03%	0.002%	0.004%	0.004%	0.008%	0.00%	20.42%	17.37%	3.03%	46.50%	36.70%	10.21%	35.58%	4.74%	12.54%	11.47%	1.15%	70.21%	40.07%	26.96%
精鉱2-2	0.207	54.69%	49.30%	0.10%	0.20%	0.002%	0.063%	0.026%	0.054%	0.07%	7.18%	21.52%	6.80%	53.50%	63.30%	89.79%	64.42%	95.26%	87.46%	88.53%	98.85%	29.79%	59.93%	73.04%

粒度別ｲﾙﾒﾅｲﾄ精選2　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.189	100.00%	45.62%	0.10%	0.20%	0.002%	0.067%	0.018%	0.038%	0.12%	25.26%	18.54%	2.73%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱2-1	0.091	48.09%	46.24%	0.06%	0.02%	0.001%	0.002%	0.003%	0.006%	0.05%	26.31%	17.36%	2.37%	48.74%	28.45%	5.39%	22.19%	1.65%	8.72%	8.04%	20.31%	50.09%	45.02%	41.69%
精鉱2-2	0.098	51.91%	45.05%	0.14%	0.36%	0.003%	0.127%	0.032%	0.068%	0.19%	24.28%	19.64%	3.07%	51.26%	71.55%	94.61%	77.81%	98.35%	91.28%	91.96%	79.69%	49.91%	54.98%	58.31%

粒度別ｲﾙﾒﾅｲﾄ精選2　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.720	100.00%	49.62%	0.09%	0.15%	0.002%	0.046%	0.017%	0.035%	0.06%	16.53%	19.47%	4.21%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱2-1	0.317	44.07%	50.97%	0.07%	0.03%	0.002%	0.004%	0.005%	0.009%	0.02%	20.24%	18.36%	2.75%	45.27%	31.52%	8.60%	32.27%	3.72%	12.37%	11.35%	10.75%	53.97%	41.55%	28.77%
精鉱2-2	0.403	55.93%	48.55%	0.11%	0.24%	0.002%	0.079%	0.026%	0.055%	0.10%	13.60%	20.35%	5.36%	54.73%	68.48%	91.40%	67.73%	96.28%	87.63%	88.65%	89.25%	46.03%	58.45%	71.23%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 （精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.057	28.75%	12.86%	0.11%	0.84%	0.002%	0.561%	0.007%	0.016%	0.46%	4.99%	11.90%	25.93%	18.42%	15.52%	10.01%	8.26%	10.22%	9.94%	9.77%	8.50%	19.10%	24.96%	34.34%
0.080	0.095	47.94%	22.76%	0.33%	2.30%	0.005%	1.451%	0.020%	0.043%	1.43%	6.68%	14.53%	22.02%	54.35%	75.30%	45.59%	41.32%	44.07%	44.11%	43.38%	44.18%	42.65%	50.81%	48.62%
-0.080	0.046	23.31%	23.45%	0.08%	4.60%	0.013%	3.096%	0.042%	0.095%	3.16%	12.32%	14.25%	15.87%	27.23%	9.18%	44.40%	50.42%	45.71%	45.95%	46.85%	47.32%	38.25%	24.23%	17.04%
合計	0.198	100.00%	20.07%	0.21%	2.41%	0.006%	1.579%	0.021%	0.047%	1.56%	7.51%	13.71%	21.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 （中鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.045	56.57%	6.73%	0.29%	0.99%	0.084%	0.103%	0.206%	0.433%	0.47%	3.74%	6.42%	30.72%	49.13%	39.55%	13.13%	12.69%	24.65%	12.53%	12.36%	20.71%	78.85%	52.54%	59.52%
0.080	0.027	33.32%	10.14%	0.71%	4.96%	0.437%	0.227%	1.070%	2.321%	1.77%	1.40%	8.11%	28.45%	43.60%	58.14%	38.71%	38.87%	32.00%	38.38%	39.03%	46.22%	17.38%	39.09%	32.46%
-0.080	0.008	10.11%	5.57%	0.09%	20.34%	1.794%	1.013%	4.508%	9.520%	4.17%	1.00%	5.72%	23.16%	7.27%	2.31%	48.16%	48.44%	43.35%	49.09%	48.61%	33.07%	3.77%	8.37%	8.02%
合計	0.080	100.00%	7.75%	0.41%	4.27%	0.375%	0.236%	0.929%	1.981%	1.28%	2.68%	6.91%	29.20%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 （合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.102	36.72%	10.15%	0.19%	0.91%	0.038%	0.359%	0.095%	0.200%	0.46%	4.44%	9.48%	28.04%	22.54%	26.11%	11.30%	12.52%	11.04%	12.39%	12.21%	11.53%	26.60%	29.60%	43.16%
0.080	0.122	43.75%	20.01%	0.41%	2.88%	0.099%	1.184%	0.249%	0.540%	1.51%	5.53%	13.13%	23.42%	52.91%	67.74%	42.73%	38.96%	43.39%	38.69%	39.28%	44.68%	39.48%	48.84%	42.96%
-0.080	0.054	19.53%	20.80%	0.08%	6.93%	0.277%	2.787%	0.705%	1.493%	3.31%	10.64%	12.98%	16.95%	24.55%	6.15%	45.97%	48.52%	45.57%	48.92%	48.51%	43.79%	33.92%	21.56%	13.88%
合計	0.278	100.00%	16.54%	0.27%	2.95%	0.112%	1.194%	0.281%	0.601%	1.48%	6.13%	11.76%	23.86%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 粒度 0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.102	100.00%	10.15%	0.19%	0.91%	0.038%	0.359%	0.095%	0.200%	0.46%	4.44%	9.48%	28.04%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.057	55.86%	12.86%	0.11%	0.84%	0.002%	0.561%	0.007%	0.016%	0.46%	4.99%	11.90%	25.93%	70.74%	33.23%	51.75%	2.50%	87.33%	4.35%	4.47%	55.48%	62.80%	70.11%	51.64%
中鉱	0.045	44.14%	6.73%	0.29%	0.99%	0.084%	0.103%	0.206%	0.433%	0.47%	3.74%	6.42%	30.72%	29.26%	66.77%	48.25%	97.50%	12.67%	95.65%	95.53%	44.52%	37.20%	29.89%	48.36%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 粒度 0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.122	100.00%	20.01%	0.41%	2.88%	0.099%	1.184%	0.249%	0.540%	1.51%	5.53%	13.13%	23.42%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.095	78.18%	22.76%	0.33%	2.30%	0.005%	1.451%	0.020%	0.043%	1.43%	6.68%	14.53%	22.02%	88.94%	62.16%	62.36%	4.01%	95.82%	6.19%	6.17%	74.36%	94.47%	86.52%	73.50%
中鉱	0.027	21.82%	10.14%	0.71%	4.96%	0.437%	0.227%	1.070%	2.321%	1.77%	1.40%	8.11%	28.45%	11.06%	37.84%	37.64%	95.99%	4.18%	93.81%	93.83%	25.64%	5.53%	13.48%	26.50%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 粒度 -0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.054	100.00%	20.80%	0.08%	6.93%	0.277%	2.787%	0.705%	1.493%	3.31%	10.64%	12.98%	16.95%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.046	85.16%	23.45%	0.08%	4.60%	0.013%	3.096%	0.042%	0.095%	3.16%	12.32%	14.25%	15.87%	96.03%	83.42%	56.46%	3.93%	94.61%	5.10%	5.39%	81.28%	98.61%	93.46%	79.72%
中鉱	0.008	14.84%	5.57%	0.09%	20.34%	1.794%	1.013%	4.508%	9.520%	4.17%	1.00%	5.72%	23.16%	3.97%	16.58%	43.54%	96.07%	5.39%	94.90%	94.61%	18.72%	1.39%	6.54%	20.28%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.278	100.00%	16.54%	0.27%	2.95%	0.112%	1.194%	0.281%	0.601%	1.48%	6.13%	11.76%	23.86%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.198	71.34%	20.07%	0.21%	2.41%	0.006%	1.579%	0.021%	0.047%	1.56%	7.51%	13.71%	21.71%	86.58%	55.92%	58.45%	3.78%	94.33%	5.43%	5.59%	75.22%	87.45%	83.16%	64.93%
中鉱	0.080	28.66%	7.75%	0.41%	4.27%	0.375%	0.236%	0.929%	1.981%	1.28%	2.68%	6.91%	29.20%	13.42%	44.08%	41.55%	96.22%	5.67%	94.57%	94.41%	24.78%	12.55%	16.84%	35.07%

粒度別磁力選鉱4：　化学分析　（精鉱：着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.171	30.55%	27.49%	0.38%	2.24%	0.218%	0.088%	0.495%	0.989%	1.05%	1.25%	8.39%	28.02%	36.46%	31.57%	9.15%	10.11%	8.65%	8.86%	8.98%	15.76%	33.74%	29.62%	32.31%
0.080	0.293	52.20%	25.07%	0.45%	4.31%	0.399%	0.183%	1.010%	1.982%	1.13%	1.07%	9.32%	26.58%	56.80%	63.45%	30.04%	31.62%	30.54%	30.90%	30.74%	29.03%	49.40%	56.24%	52.36%
-0.080	0.097	17.25%	9.00%	0.11%	26.42%	2.222%	1.101%	5.961%	11.765%	6.52%	1.11%	7.10%	23.55%	6.74%	4.98%	60.81%	58.27%	60.81%	60.24%	60.28%	55.21%	16.86%	14.14%	15.33%
合計	0.561	100.00%	23.04%	0.37%	7.49%	0.658%	0.312%	1.706%	3.365%	2.04%	1.13%	8.65%	26.50%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱4：　化学分析　（尾鉱：非着磁物）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.541	22.15%	39.99%	10.76%	0.22%	0.019%	0.029%	0.043%	0.076%	0.13%	0.20%	1.88%	35.88%	31.08%	8.36%	9.38%	8.85%	11.79%	10.07%	9.36%	9.46%	25.09%	25.62%	26.40%
0.080	1.217	49.85%	32.18%	27.51%	0.29%	0.026%	0.034%	0.049%	0.088%	0.17%	0.12%	1.47%	29.18%	56.31%	48.14%	27.39%	26.85%	30.93%	26.20%	24.56%	27.83%	35.04%	45.05%	48.33%
-0.080	0.684	28.00%	12.83%	44.26%	1.19%	0.110%	0.113%	0.214%	0.422%	0.70%	0.25%	1.70%	27.16%	12.61%	43.50%	63.23%	64.30%	57.28%	63.73%	66.08%	62.71%	39.87%	29.33%	25.27%
合計	2.442	100.00%	28.49%	28.49%	0.52%	0.048%	0.055%	0.094%	0.179%	0.31%	0.17%	1.63%	30.10%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱4：　化学分析　（合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.712	23.72%	36.98%	8.26%	0.71%	0.067%	0.044%	0.151%	0.295%	0.35%	0.45%	3.45%	33.99%	31.92%	8.43%	9.20%	9.81%	10.02%	9.09%	9.05%	13.24%	30.28%	27.82%	27.40%
0.080	1.510	50.29%	30.80%	22.26%	1.07%	0.098%	0.063%	0.236%	0.455%	0.36%	0.31%	2.99%	28.67%	56.39%	48.18%	29.42%	30.48%	30.71%	29.99%	29.58%	28.55%	43.66%	51.20%	49.00%
-0.080	0.780	25.99%	12.36%	38.79%	4.31%	0.372%	0.236%	0.926%	1.827%	1.42%	0.35%	2.37%	26.71%	11.69%	43.39%	61.38%	59.71%	59.27%	60.92%	61.37%	58.21%	26.06%	20.98%	23.60%
合計	3.003	100.00%	27.48%	23.24%	1.83%	0.162%	0.103%	0.395%	0.774%	0.64%	0.35%	2.94%	29.42%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別磁力選鉱4：　化学分析　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.712	100.00%	36.98%	8.26%	0.71%	0.067%	0.044%	0.151%	0.295%	0.35%	0.45%	3.45%	33.99%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.171	24.05%	27.49%	0.38%	2.24%	0.218%	0.088%	0.495%	0.989%	1.05%	1.25%	8.39%	28.02%	17.88%	1.10%	76.18%	78.28%	48.74%	78.55%	80.57%	71.33%	66.86%	58.54%	19.83%
尾鉱	0.541	75.95%	39.99%	10.76%	0.22%	0.019%	0.029%	0.043%	0.076%	0.13%	0.20%	1.88%	35.88%	82.12%	98.90%	23.82%	21.72%	51.26%	21.45%	19.43%	28.67%	33.14%	41.46%	80.17%

粒度別磁力選鉱4：　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.510	100.00%	30.80%	22.26%	1.07%	0.098%	0.063%	0.236%	0.455%	0.36%	0.31%	2.99%	28.67%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.293	19.38%	25.07%	0.45%	4.31%	0.399%	0.183%	1.010%	1.982%	1.13%	1.07%	9.32%	26.58%	15.77%	0.39%	78.24%	78.80%	56.12%	83.07%	84.40%	60.90%	67.90%	60.39%	17.96%
尾鉱	1.217	80.62%	32.18%	27.51%	0.29%	0.026%	0.034%	0.049%	0.088%	0.17%	0.12%	1.47%	29.18%	84.23%	99.61%	21.76%	21.20%	43.88%	16.93%	15.60%	39.10%	32.10%	39.61%	82.04%

粒度別磁力選鉱4：　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.780	100.00%	12.36%	38.79%	4.31%	0.372%	0.236%	0.926%	1.827%	1.42%	0.35%	2.37%	26.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.097	12.39%	9.00%	0.11%	26.42%	2.222%	1.101%	5.961%	11.765%	6.52%	1.11%	7.10%	23.55%	9.02%	0.03%	75.92%	74.09%	57.90%	79.73%	79.77%	56.80%	38.81%	37.07%	10.92%
尾鉱	0.684	87.61%	12.83%	44.26%	1.19%	0.110%	0.113%	0.214%	0.422%	0.70%	0.25%	1.70%	27.16%	90.98%	99.97%	24.08%	25.91%	42.10%	20.27%	20.23%	43.20%	61.19%	62.93%	89.08%

粒度別磁力選鉱4：　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	3.003	100.00%	27.48%	23.24%	1.83%	0.162%	0.103%	0.395%	0.774%	0.64%	0.35%	2.94%	29.42%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.561	18.67%	23.04%	0.37%	7.49%	0.658%	0.312%	1.706%	3.365%	2.04%	1.13%	8.65%	26.50%	15.66%	0.29%	76.62%	75.94%	56.43%	80.63%	81.21%	59.89%	60.01%	54.98%	16.81%
尾鉱	2.442	81.33%	28.49%	28.49%	0.52%	0.048%	0.055%	0.094%	0.179%	0.31%	0.17%	1.63%	30.10%	84.34%	99.71%	23.38%	24.06%	43.57%	19.37%	18.79%	40.11%	39.99%	45.02%	83.19%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 （精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.015	19.59%	42.50%	0.23%	11.95%	1.039%	0.503%	2.917%	5.356%	4.16%	0.93%	5.70%	21.28%	50.54%	83.15%	6.50%	6.65%	6.36%	6.51%	6.33%	7.56%	36.98%	25.65%	23.41%
0.080	0.028	36.05%	19.85%	0.01%	31.87%	2.856%	1.359%	7.733%	14.537%	6.57%	0.48%	5.30%	18.64%	43.43%	7.95%	31.86%	33.61%	31.61%	31.76%	31.61%	21.98%	35.12%	43.89%	37.73%
-0.080	0.034	44.36%	2.24%	0.01%	50.11%	4.126%	2.168%	12.215%	23.197%	17.11%	0.31%	2.99%	15.61%	6.03%	8.90%	61.64%	59.74%	62.03%	61.73%	62.06%	70.46%	27.90%	30.46%	38.86%
合計	0.077	100.00%	16.48%	0.06%	36.06%	3.063%	1.550%	8.777%	16.579%	10.77%	0.49%	4.35%	17.81%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 （中鉱1）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.056	26.17%	25.81%	0.38%	1.31%	0.121%	0.060%	0.266%	0.582%	1.04%	1.17%	9.24%	25.68%	35.07%	43.13%	7.71%	7.87%	8.51%	8.02%	8.08%	35.60%	28.47%	27.95%	24.25%
0.080	0.126	58.24%	18.89%	0.19%	2.43%	0.244%	0.104%	0.527%	1.143%	0.57%	1.00%	8.36%	28.57%	57.12%	47.00%	31.77%	35.24%	33.24%	35.29%	35.34%	43.15%	54.14%	56.28%	60.03%
-0.080	0.034	15.59%	9.65%	0.15%	17.28%	1.472%	0.683%	3.161%	6.837%	1.04%	1.20%	8.75%	27.95%	7.81%	9.87%	60.52%	56.89%	58.25%	56.69%	56.58%	21.25%	17.39%	15.77%	15.72%
合計	0.216	100.00%	19.26%	0.23%	4.45%	0.403%	0.183%	0.869%	1.884%	0.76%	1.08%	8.65%	27.72%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 （中鉱2）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.100	37.26%	26.16%	0.40%	1.29%	0.147%	0.042%	0.255%	0.554%	0.59%	1.35%	8.32%	30.38%	34.83%	26.33%	28.81%	32.98%	26.75%	28.48%	28.15%	40.70%	36.75%	31.30%	40.38%
0.080	0.139	52.01%	31.69%	0.77%	0.48%	0.045%	0.017%	0.097%	0.218%	0.56%	1.26%	11.00%	26.37%	58.91%	70.39%	14.96%	13.97%	15.41%	15.10%	15.48%	53.82%	47.88%	57.78%	48.94%
-0.080	0.029	10.73%	16.32%	0.17%	8.76%	0.823%	0.313%	1.754%	3.853%	0.27%	1.96%	10.08%	27.89%	6.26%	3.28%	56.23%	53.05%	57.84%	56.42%	56.37%	5.48%	15.37%	10.92%	10.68%
合計	0.267	100.00%	27.98%	0.57%	1.67%	0.166%	0.058%	0.334%	0.733%	0.54%	1.37%	9.90%	28.03%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 （合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.171	30.55%	27.49%	0.38%	2.24%	0.218%	0.088%	0.495%	0.989%	1.05%	1.25%	8.39%	28.02%	36.46%	31.57%	9.15%	10.11%	8.65%	8.86%	8.98%	15.76%	33.74%	29.62%	32.31%
0.080	0.293	52.20%	25.07%	0.45%	4.31%	0.399%	0.183%	1.010%	1.982%	1.13%	1.07%	9.32%	26.58%	56.80%	63.45%	30.04%	31.62%	30.54%	30.90%	30.74%	29.03%	49.40%	56.24%	52.36%
-0.080	0.097	17.25%	9.00%	0.11%	26.42%	2.222%	1.101%	5.961%	11.765%	6.52%	1.11%	7.10%	23.55%	6.74%	4.98%	60.81%	58.27%	60.81%	60.24%	60.28%	55.21%	16.86%	14.14%	15.33%
合計	0.561	100.00%	23.04%	0.37%	7.49%	0.658%	0.312%	1.706%	3.365%	2.04%	1.13%	8.65%	26.50%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 粒度 0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.171	100.00%	27.49%	0.38%	2.24%	0.218%	0.088%	0.495%	0.989%	1.05%	1.25%	8.39%	28.02%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.015	8.86%	42.50%	0.23%	11.95%	1.039%	0.503%	2.917%	5.356%	4.16%	0.93%	5.70%	21.28%	13.70%	5.48%	47.21%	42.29%	50.40%	52.26%	48.00%	35.01%	6.58%	6.02%	6.73%
中鉱1	0.056	32.96%	25.81%	0.38%	1.31%	0.121%	0.060%	0.266%	0.582%	1.04%	1.17%	9.24%	25.68%	30.94%	32.93%	19.27%	18.36%	22.17%	17.74%	19.39%	32.57%	30.77%	36.30%	30.20%
中鉱2	0.100	58.18%	26.16%	0.40%	1.29%	0.147%	0.042%	0.255%	0.554%	0.59%	1.35%	8.32%	30.38%	55.36%	61.59%	33.52%	39.35%	27.43%	30.00%	32.61%	32.42%	62.65%	57.68%	63.07%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 粒度 0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.293	100.00%	25.07%	0.45%	4.31%	0.399%	0.183%	1.010%	1.982%	1.13%	1.07%	9.32%	26.58%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.028	9.54%	19.85%	0.01%	31.87%	2.856%	1.359%	7.733%	14.537%	6.57%	0.48%	5.30%	18.64%	7.56%	0.26%	70.52%	68.38%	70.99%	73.06%	70.00%	55.28%	4.27%	5.43%	6.69%
中鉱1	0.126	42.92%	18.89%	0.19%	2.43%	0.244%	0.104%	0.527%	1.143%	0.57%	1.00%	8.36%	28.57%	32.35%	17.85%	24.18%	26.29%	24.53%	22.38%	24.76%	21.44%	39.97%	38.49%	46.14%
中鉱2	0.139	47.54%	31.69%	0.77%	0.48%	0.045%	0.017%	0.097%	0.218%	0.56%	1.26%	11.00%	26.37%	60.09%	81.89%	5.30%	5.33%	4.48%	4.56%	5.24%	23.28%	55.76%	56.08%	47.17%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 粒度 -0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.097	100.00%	9.00%	0.11%	26.42%	2.222%	1.101%	5.961%	11.765%	6.52%	1.11%	7.10%	23.55%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.034	35.54%	2.24%	0.01%	50.11%	4.126%	2.168%	12.215%	23.197%	17.11%	0.31%	2.99%	15.61%	8.85%	3.72%	67.41%	65.97%	69.97%	72.82%	70.07%	93.20%	9.93%	14.97%	23.56%
中鉱1	0.034	34.78%	9.65%	0.15%	17.28%	1.472%	0.683%	3.161%	6.837%	1.04%	1.20%	8.75%	27.95%	37.31%	47.72%	22.75%	23.04%	21.59%	18.44%	20.21%	5.55%	37.62%	42.88%	41.28%
中鉱2	0.029	29.68%	16.32%	0.17%	8.76%	0.823%	0.313%	1.754%	3.853%	0.27%	1.96%	10.08%	27.89%	53.84%	48.56%	9.84%	10.99%	8.44%	8.74%	9.72%	1.25%	52.45%	42.15%	35.16%

粒度別ﾓﾅｻﾞｲﾄ精選： 化学分析 合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.561	100.00%	23.04%	0.37%	7.49%	0.658%	0.312%	1.706%	3.365%	2.04%	1.13%	8.65%	26.50%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.077	13.82%	16.48%	0.06%	36.06%	3.063%	1.550%	8.777%	16.579%	10.77%	0.49%	4.35%	17.81%	9.88%	2.08%	66.49%	64.34%	68.59%	71.07%	68.07%	73.02%	6.00%	6.95%	9.29%
中鉱1	0.216	38.48%	19.26%	0.23%	4.45%	0.403%	0.183%	0.869%	1.884%	0.76%	1.08%	8.65%	27.72%	32.17%	24.10%	22.86%	23.59%	22.54%	19.60%	21.53%	14.42%	36.47%	38.46%	40.25%
中鉱2	0.267	47.70%	27.98%	0.57%	1.67%	0.166%	0.058%	0.334%	0.733%	0.54%	1.37%	9.90%	28.03%	57.95%	73.82%	10.65%	12.07%	8.87%	9.33%	10.40%	12.56%	57.53%	54.59%	50.46%

粒度別静電選鉱2：　化学分析　（精鉱：良導体）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.220	26.98%	54.56%	6.556%	0.216%	0.0186%	0.0267%	0.0385%	0.0670%	0.101%	0.28%	1.73%	29.34%	33.38%	8.43%	16.14%	13.65%	14.12%	15.31%	15.56%	11.22%	28.78%	28.20%	29.28%
0.080	0.415	50.94%	48.49%	20.160%	0.252%	0.0272%	0.0347%	0.0465%	0.0745%	0.146%	0.20%	1.57%	25.11%	56.00%	48.93%	35.55%	37.66%	34.71%	34.92%	32.65%	30.52%	38.98%	48.14%	47.29%
-0.080	0.180	22.08%	21.21%	40.537%	0.792%	0.0812%	0.1181%	0.1530%	0.2725%	0.641%	0.39%	1.78%	28.69%	10.62%	42.64%	48.31%	48.69%	51.17%	49.77%	51.79%	58.26%	32.24%	23.66%	23.43%
合計	0.815	100.00%	44.10%	20.988%	0.362%	0.0368%	0.0510%	0.0679%	0.1162%	0.243%	0.27%	1.66%	27.04%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別静電選鉱2：　化学分析　（尾鉱：不良導体）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.321	19.72%	30.01%	13.641%	0.226%	0.0195%	0.0314%	0.0457%	0.0814%	0.156%	0.14%	1.98%	40.36%	28.62%	8.34%	7.36%	7.20%	10.76%	8.41%	7.64%	8.85%	21.24%	24.29%	25.17%
0.080	0.802	49.31%	23.76%	31.306%	0.307%	0.0250%	0.0341%	0.0510%	0.0951%	0.190%	0.08%	1.42%	31.28%	56.64%	47.88%	24.95%	23.11%	29.25%	23.44%	22.32%	26.89%	30.93%	43.46%	48.77%
-0.080	0.504	30.97%	9.84%	45.589%	1.326%	0.1201%	0.1115%	0.2361%	0.4752%	0.723%	0.20%	1.68%	26.61%	14.74%	43.78%	67.69%	69.69%	59.99%	68.15%	70.04%	64.26%	47.83%	32.25%	26.06%
合計	1.627	100.00%	20.68%	32.245%	0.606%	0.0534%	0.0575%	0.1073%	0.2101%	0.349%	0.13%	1.61%	31.62%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別静電選鉱2：　化学分析　（合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.541	22.15%	39.99%	10.761%	0.222%	0.0191%	0.0295%	0.0428%	0.0755%	0.134%	0.197%	1.88%	35.88%	31.08%	8.36%	9.38%	8.85%	11.79%	10.07%	9.36%	9.46%	25.09%	25.62%	26.40%
0.080	1.217	49.85%	32.18%	27.506%	0.288%	0.0258%	0.0343%	0.0495%	0.0881%	0.175%	0.122%	1.47%	29.18%	56.31%	48.14%	27.39%	26.85%	30.93%	26.20%	24.56%	27.83%	35.04%	45.05%	48.33%
-0.080	0.684	28.00%	12.83%	44.261%	1.185%	0.1099%	0.1132%	0.2142%	0.4219%	0.702%	0.247%	1.70%	27.16%	12.61%	43.50%	63.23%	64.30%	57.28%	63.73%	66.08%	62.71%	39.87%	29.33%	25.27%
合計	2.442	100.00%	28.49%	28.489%	0.525%	0.0479%	0.0553%	0.0941%	0.1788%	0.313%	0.174%	1.63%	30.10%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別静電選鉱2：　化学分析　粒度　0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.541	100.00%	39.99%	10.761%	0.222%	0.0191%	0.0295%	0.0428%	0.0755%	0.134%	0.197%	1.88%	35.88%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.220	40.65%	54.56%	6.556%	0.216%	0.0186%	0.0267%	0.0385%	0.0670%	0.101%	0.280%	1.73%	29.34%	55.46%	24.77%	39.60%	39.58%	36.78%	36.56%	36.05%	30.67%	58.58%	37.45%	33.24%
尾鉱	0.321	59.35%	30.01%	13.641%	0.226%	0.0195%	0.0314%	0.0457%	0.0814%	0.156%	0.140%	1.98%	40.36%	44.54%	75.23%	60.40%	60.42%	63.22%	63.44%	63.95%	69.33%	41.42%	62.55%	66.76%

粒度別静電選鉱2：　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.217	100.00%	32.18%	27.506%	0.288%	0.0258%	0.0343%	0.0495%	0.0881%	0.175%	0.122%	1.47%	29.18%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.415	34.09%	48.49%	20.160%	0.252%	0.0272%	0.0347%	0.0465%	0.0745%	0.146%	0.200%	1.57%	25.11%	51.35%	24.98%	29.85%	36.02%	34.47%	32.04%	28.82%	28.36%	56.81%	36.37%	29.34%
尾鉱	0.802	65.91%	23.76%	31.306%	0.307%	0.0250%	0.0341%	0.0510%	0.0951%	0.190%	0.080%	1.42%	31.28%	48.65%	75.02%	70.15%	63.98%	65.53%	67.96%	71.18%	71.64%	43.19%	63.63%	70.66%

粒度別静電選鉱2：　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.684	100.00%	12.83%	44.261%	1.185%	0.1099%	0.1132%	0.2142%	0.4219%	0.7020%	0.247%	1.70%	27.16%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.180	26.30%	21.21%	40.537%	0.792%	0.0812%	0.1181%	0.1530%	0.2725%	0.6410%	0.390%	1.78%	28.69%	43.48%	24.09%	17.57%	19.44%	27.44%	18.78%	16.99%	24.03%	41.30%	27.46%	27.79%
尾鉱	0.504	73.70%	9.84%	45.589%	1.326%	0.1201%	0.1115%	0.2361%	0.4752%	0.7230%	0.200%	1.68%	26.61%	56.52%	75.91%	82.43%	80.56%	72.56%	81.22%	83.01%	75.97%	58.70%	72.54%	72.21%

粒度別静電選鉱2：　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	2.442	100.00%	28.49%	28.489%	0.525%	0.0479%	0.0553%	0.0941%	0.1788%	0.3133%	0.174%	1.63%	30.10%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.815	33.36%	44.10%	20.988%	0.362%	0.0368%	0.0510%	0.0679%	0.1162%	0.2429%	0.266%	1.66%	27.04%	51.64%	24.58%	23.00%	25.68%	30.72%	24.05%	21.68%	25.86%	51.07%	34.04%	29.98%
尾鉱	1.627	66.64%	20.68%	32.245%	0.606%	0.0534%	0.0575%	0.1073%	0.2101%	0.3486%	0.128%	1.61%	31.62%	48.36%	75.42%	77.00%	74.32%	69.28%	75.95%	78.32%	74.14%	48.93%	65.96%	70.02%

粒度別ﾙﾁﾙ精選：　化学分析　(精鉱)

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	0.134	33.92%	61.26%	2.30%	0.22%	0.017%	0.025%	0.039%	0.068%	0.10%	0.32%	1.87%	27.64%	33.66%	14.20%	27.01%	25.99%	23.91%	27.41%	27.65%	23.07%	32.13%	33.24%	38.94%
0.080	0.212	53.68%	65.24%	5.16%	0.24%	0.018%	0.030%	0.037%	0.067%	0.13%	0.27%	1.72%	21.71%	56.72%	50.53%	47.45%	45.10%	46.72%	41.18%	43.12%	48.79%	42.91%	48.37%	48.39%
-0.080	0.049	12.40%	47.92%	15.60%	0.56%	0.051%	0.083%	0.124%	0.197%	0.33%	0.68%	2.83%	24.60%	9.62%	35.27%	25.54%	28.91%	29.37%	31.41%	29.23%	28.14%	24.96%	18.39%	12.67%
合計	0.394	100.00%	61.74%	5.49%	0.27%	0.022%	0.035%	0.049%	0.084%	0.14%	0.34%	1.91%	24.08%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾙﾁﾙ精選：　化学分析　(中鉱)

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	0.060	16.77%	54.92%	18.78%	0.28%	0.029%	0.039%	0.047%	0.082%	0.15%	0.19%	1.79%	15.48%	32.37%	7.56%	9.20%	8.26%	8.69%	8.06%	8.23%	6.47%	18.82%	21.42%	11.01%
0.080	0.175	49.08%	31.86%	41.47%	0.29%	0.041%	0.043%	0.062%	0.090%	0.19%	0.12%	1.36%	23.20%	54.95%	48.82%	28.18%	34.56%	28.24%	31.19%	26.57%	23.28%	34.78%	47.63%	48.28%
-0.080	0.121	34.15%	10.56%	53.23%	0.93%	0.098%	0.139%	0.173%	0.317%	0.81%	0.23%	1.27%	28.11%	12.68%	43.62%	62.62%	57.18%	63.07%	60.75%	65.20%	70.25%	46.40%	30.95%	40.71%
合計	0.356	100.00%	28.45%	41.68%	0.51%	0.059%	0.075%	0.098%	0.166%	0.39%	0.17%	1.40%	23.58%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾙﾁﾙ精選：　化学分析　(尾鉱)

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	0.026	40.85%	19.83%	0.52%	0.07%	0.006%	0.009%	0.015%	0.028%	0.00%	0.31%	0.92%	69.25%	35.82%	12.56%	26.56%	24.85%	25.89%	29.00%	29.03%	3.09%	35.36%	24.06%	44.10%
0.080	0.029	44.46%	26.07%	1.17%	0.10%	0.008%	0.013%	0.020%	0.034%	0.00%	0.22%	1.72%	61.73%	51.26%	30.58%	40.95%	39.87%	43.77%	41.75%	38.52%	3.38%	27.32%	48.96%	42.80%
-0.080	0.010	14.69%	19.90%	6.56%	0.25%	0.023%	0.028%	0.042%	0.088%	0.08%	0.91%	2.87%	57.21%	12.92%	56.86%	32.49%	35.28%	30.34%	29.25%	32.45%	93.53%	37.32%	26.98%	13.10%
合計	0.065	100.00%	22.61%	1.70%	0.11%	0.009%	0.013%	0.021%	0.040%	0.01%	0.36%	1.56%	64.14%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾙﾁﾙ精選：　化学分析　(合計)

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.150	0.220	26.98%	54.56%	6.56%	0.22%	0.019%	0.027%	0.038%	0.067%	0.10%	0.28%	1.73%	29.34%	33.38%	8.43%	16.14%	13.65%	14.12%	15.31%	15.56%	11.22%	28.78%	28.20%	29.28%
0.080	0.415	50.94%	48.49%	20.16%	0.25%	0.027%	0.035%	0.047%	0.074%	0.15%	0.20%	1.57%	25.11%	56.00%	48.93%	35.55%	37.66%	34.71%	34.92%	32.65%	30.52%	38.98%	48.14%	47.29%
-0.080	0.180	22.08%	21.21%	40.54%	0.79%	0.081%	0.118%	0.153%	0.273%	0.64%	0.39%	1.78%	28.69%	10.62%	42.64%	48.31%	48.69%	51.17%	49.77%	51.79%	58.26%	32.24%	23.66%	23.43%
合計	0.815	100.00%	44.10%	20.99%	0.36%	0.037%	0.051%	0.068%	0.116%	0.24%	0.27%	1.66%	27.04%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ﾊﾟﾁﾙ精選：　化学分析　粒度　0.150 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.220	100.00%	54.56%	6.56%	0.22%	0.019%	0.027%	0.038%	0.067%	0.10%	0.28%	1.73%	29.34%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.134	60.85%	61.26%	2.30%	0.22%	0.017%	0.025%	0.039%	0.068%	0.10%	0.32%	1.87%	27.64%	68.32%	21.32%	61.28%	54.22%	56.38%	62.29%	61.86%	59.04%	68.68%	65.61%	57.32%
中鉱	0.060	27.13%	54.92%	18.78%	0.28%	0.029%	0.039%	0.047%	0.082%	0.15%	0.19%	1.79%	15.48%	27.31%	77.72%	34.72%	42.10%	39.79%	33.06%	33.06%	40.84%	18.18%	28.01%	14.32%
尾鉱	0.026	12.02%	19.83%	0.52%	0.07%	0.006%	0.009%	0.015%	0.028%	0.00%	0.31%	0.92%	69.25%	4.37%	0.96%	4.00%	3.68%	3.83%	4.65%	5.08%	0.12%	13.14%	6.38%	28.36%

粒度別ﾊﾟﾁﾙ精選：　化学分析　粒度　0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.415	100.00%	48.49%	20.16%	0.25%	0.027%	0.035%	0.047%	0.074%	0.15%	0.20%	1.57%	25.11%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.212	51.01%	65.24%	5.16%	0.24%	0.018%	0.030%	0.037%	0.067%	0.13%	0.27%	1.72%	21.71%	68.63%	13.07%	48.89%	34.08%	44.80%	41.01%	45.96%	45.91%	67.70%	55.93%	44.10%
中鉱	0.175	42.06%	31.86%	41.47%	0.29%	0.041%	0.043%	0.062%	0.090%	0.19%	0.12%	1.36%	23.20%	27.64%	86.53%	48.31%	63.78%	52.57%	56.05%	50.83%	54.04%	24.81%	36.47%	38.86%
尾鉱	0.029	6.93%	26.07%	1.17%	0.10%	0.008%	0.013%	0.020%	0.034%	0.00%	0.22%	1.72%	61.73%	3.73%	0.40%	2.80%	2.14%	2.63%	2.94%	3.21%	0.05%	7.49%	7.60%	17.04%

粒度別ﾊﾟﾁﾙ精選：　化学分析　粒度　-0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.180	100.00%	21.21%	40.54%	0.79%	0.081%	0.118%	0.153%	0.273%	0.64%	0.39%	1.78%	28.69%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.049	27.19%	47.92%	15.60%	0.56%	0.051%	0.083%	0.124%	0.197%	0.33%	0.68%	2.83%	24.60%	61.42%	10.46%	19.37%	16.90%	19.11%	21.95%	19.64%	13.87%	47.61%	43.26%	23.31%
中鉱	0.121	67.53%	10.56%	53.23%	0.93%	0.098%	0.139%	0.173%	0.317%	0.81%	0.23%	1.27%	28.11%	33.62%	88.68%	79.00%	81.64%	79.65%	76.61%	78.65%	85.44%	40.01%	48.22%	66.16%
尾鉱	0.010	5.28%	19.90%	6.56%	0.25%	0.023%	0.028%	0.042%	0.088%	0.08%	0.91%	2.87%	57.21%	4.96%	0.86%	1.63%	1.46%	1.24%	1.44%	1.71%	0.69%	12.38%	8.52%	10.53%

粒度別ﾊﾟﾁﾙ精選：　化学分析　合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.815	100.00%	44.10%	20.99%	0.36%	0.037%	0.051%	0.068%	0.116%	0.24%	0.27%	1.66%	27.04%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱	0.394	48.40%	61.74%	5.49%	0.27%	0.022%	0.035%	0.049%	0.084%	0.14%	0.34%	1.91%	24.08%	67.77%	12.65%	36.63%	28.47%	33.29%	34.78%	34.80%	28.72%	61.51%	55.67%	43.10%
中鉱	0.356	43.66%	28.45%	41.68%	0.51%	0.059%	0.075%	0.098%	0.166%	0.39%	0.17%	1.40%	23.58%	28.16%	86.71%	60.94%	69.51%	64.62%	62.76%	62.48%	70.85%	27.80%	36.86%	38.07%
尾鉱	0.065	7.94%	22.61%	1.70%	0.11%	0.009%	0.013%	0.021%	0.040%	0.01%	0.36%	1.56%	64.14%	4.07%	0.64%	2.43%	2.02%	2.09%	2.46%	2.72%	0.43%	10.69%	7.47%	18.83%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 （精鉱1）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.057	7.70%	20.21%	46.72%	0.16%	0.014%	0.017%	0.024%	0.049%	0.17%	0.06%	1.00%	16.42%	18.99%	6.31%	1.34%	1.27%	1.82%	1.18%	1.15%	2.42%	8.43%	7.43%	6.57%
0.080	0.353	47.34%	9.93%	56.61%	0.27%	0.025%	0.028%	0.040%	0.086%	0.23%	0.03%	0.99%	19.84%	57.37%	47.03%	13.91%	14.02%	18.50%	12.16%	12.52%	20.73%	25.92%	45.25%	48.84%
-0.080	0.335	44.96%	4.31%	59.16%	1.70%	0.157%	0.127%	0.302%	0.621%	0.91%	0.08%	1.09%	19.08%	23.64%	46.66%	84.75%	84.71%	79.68%	86.66%	86.33%	76.85%	65.65%	47.32%	44.59%
合計	0.745	100.00%	8.20%	57.00%	0.90%	0.083%	0.071%	0.157%	0.324%	0.53%	0.05%	1.04%	19.23%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 （精鉱2）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.087	24.58%	37.25%	11.10%	0.29%	0.025%	0.046%	0.053%	0.100%	0.16%	0.10%	1.74%	26.41%	26.99%	11.63%	16.20%	17.56%	18.51%	17.89%	18.63%	16.02%	18.32%	22.26%	24.07%
0.080	0.192	54.05%	37.36%	23.23%	0.37%	0.029%	0.050%	0.062%	0.108%	0.21%	0.10%	1.74%	26.54%	59.52%	53.53%	45.61%	45.08%	43.98%	45.69%	44.39%	46.45%	40.28%	48.94%	53.17%
-0.080	0.076	21.37%	21.42%	38.25%	0.77%	0.061%	0.107%	0.125%	0.228%	0.42%	0.26%	2.59%	28.73%	13.49%	34.84%	38.19%	37.36%	37.51%	36.42%	36.98%	37.53%	41.40%	28.80%	22.76%
合計	0.355	100.00%	33.93%	23.46%	0.43%	0.035%	0.061%	0.073%	0.132%	0.24%	0.13%	1.92%	26.98%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 （中鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.119	29.26%	43.16%	6.05%	0.32%	0.027%	0.042%	0.071%	0.120%	0.23%	0.22%	2.73%	35.84%	33.73%	44.98%	24.25%	27.06%	27.60%	27.57%	27.40%	31.54%	27.95%	34.34%	25.57%
0.080	0.214	52.71%	38.57%	3.17%	0.38%	0.027%	0.037%	0.068%	0.116%	0.14%	0.13%	1.83%	42.06%	54.30%	42.45%	52.20%	47.86%	43.42%	47.51%	47.76%	35.95%	29.76%	41.47%	54.06%
-0.080	0.073	18.03%	24.84%	2.75%	0.50%	0.041%	0.071%	0.105%	0.176%	0.38%	0.54%	3.12%	46.33%	11.97%	12.57%	23.55%	25.08%	28.98%	24.92%	24.84%	32.51%	42.29%	24.19%	20.37%
合計	0.406	100.00%	37.44%	3.94%	0.38%	0.029%	0.044%	0.076%	0.128%	0.21%	0.23%	2.33%	41.01%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 （尾鉱3）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.058	47.41%	1.61%	0.18%	0.02%	0.001%	0.002%	0.003%	0.006%	0.00%	0.10%	1.79%	94.72%	30.92%	11.45%	16.28%	15.74%	16.40%	16.83%	17.71%	47.40%	22.55%	46.36%	49.98%
0.080	0.044	36.13%	3.07%	0.49%	0.03%	0.002%	0.005%	0.006%	0.011%	0.00%	0.15%	1.46%	91.41%	44.94%	23.26%	24.04%	20.99%	27.17%	23.95%	24.51%	36.11%	25.78%	28.82%	36.75%
-0.080	0.020	16.46%	3.62%	3.02%	0.17%	0.014%	0.023%	0.030%	0.056%	0.00%	0.66%	2.76%	72.45%	24.14%	65.29%	59.68%	63.27%	56.43%	59.22%	57.78%	16.49%	51.67%	24.82%	13.27%
合計	0.121	100.00%	2.47%	0.76%	0.05%	0.004%	0.007%	0.008%	0.016%	0.00%	0.21%	1.83%	89.86%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 （合計）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.321	19.72%	30.01%	13.64%	0.23%	0.019%	0.031%	0.046%	0.081%	0.16%	0.14%	1.98%	40.36%	28.62%	8.34%	7.36%	7.20%	10.76%	8.41%	7.64%	8.85%	21.24%	24.29%	25.17%
0.080	0.802	49.31%	23.76%	31.31%	0.31%	0.025%	0.034%	0.051%	0.095%	0.19%	0.08%	1.42%	31.28%	56.64%	47.88%	24.95%	23.11%	29.25%	23.44%	22.32%	26.89%	30.93%	43.46%	48.77%
-0.080	0.504	30.97%	9.84%	45.59%	1.33%	0.120%	0.111%	0.236%	0.475%	0.72%	0.20%	1.68%	26.61%	14.74%	43.78%	67.69%	69.69%	59.99%	68.15%	70.04%	64.26%	47.83%	32.25%	26.06%
合計	1.627	100.00%	20.68%	32.24%	0.61%	0.053%	0.058%	0.107%	0.210%	0.35%	0.13%	1.61%	31.62%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 粒度 0.100 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.321	100.00%	30.01%	13.64%	0.23%	0.019%	0.031%	0.046%	0.081%	0.16%	0.14%	1.98%	40.36%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1	0.057	17.87%	20.21%	46.72%	0.16%	0.014%	0.017%	0.024%	0.049%	0.17%	0.06%	1.00%	16.42%	12.04%	61.20%	12.41%	12.66%	9.60%	9.41%	10.65%	19.08%	7.81%	9.01%	7.27%
精鉱2	0.087	27.17%	37.25%	11.10%	0.29%	0.025%	0.046%	0.053%	0.100%	0.16%	0.10%	1.74%	26.41%	33.73%	22.12%	34.24%	34.88%	39.75%	31.60%	33.40%	27.28%	19.79%	23.84%	17.78%
中鉱	0.119	37.05%	43.16%	6.05%	0.32%	0.027%	0.042%	0.071%	0.120%	0.23%	0.22%	2.73%	35.84%	53.27%	16.44%	52.08%	51.36%	49.34%	57.82%	54.63%	53.53%	59.35%	50.98%	32.90%
尾鉱	0.058	17.91%	1.61%	0.18%	0.02%	0.001%	0.002%	0.003%	0.006%	0.00%	0.10%	1.79%	94.72%	0.96%	0.24%	1.27%	1.10%	1.31%	1.17%	1.32%	0.11%	13.05%	16.17%	42.05%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 粒度 0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.802	100.00%	23.76%	31.31%	0.31%	0.025%	0.034%	0.051%	0.095%	0.19%	0.08%	1.42%	31.28%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1	0.353	43.95%	9.93%	56.61%	0.27%	0.025%	0.028%	0.040%	0.086%	0.23%	0.03%	0.99%	19.84%	18.37%	79.48%	37.96%	43.38%	35.93%	34.72%	39.55%	53.87%	16.49%	30.66%	27.88%
精鉱2	0.192	23.90%	37.36%	23.23%	0.37%	0.029%	0.050%	0.062%	0.108%	0.21%	0.10%	1.74%	26.54%	37.59%	17.73%	28.43%	27.89%	34.73%	28.95%	27.24%	26.02%	29.88%	29.30%	20.28%
中鉱	0.214	26.69%	38.57%	3.17%	0.38%	0.027%	0.037%	0.068%	0.116%	0.14%	0.13%	1.83%	42.06%	43.33%	2.70%	33.06%	28.27%	28.54%	35.73%	32.58%	20.08%	43.39%	34.42%	35.88%
尾鉱	0.044	5.46%	3.07%	0.49%	0.03%	0.002%	0.005%	0.006%	0.011%	0.00%	0.15%	1.46%	91.41%	0.71%	0.09%	0.55%	0.46%	0.80%	0.60%	0.63%	0.03%	10.24%	5.62%	15.96%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 粒度 -0.080 mm

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	0.504	100.00%	9.84%	45.59%	1.33%	0.120%	0.111%	0.236%	0.475%	0.72%	0.20%	1.68%	26.61%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1	0.335	66.45%	4.31%	59.16%	1.70%	0.157%	0.127%	0.302%	0.621%	0.91%	0.08%	1.09%	19.08%	29.10%	86.24%	85.23%	86.96%	75.46%	85.10%	86.90%	83.59%	26.99%	43.19%	47.65%
精鉱2	0.076	15.05%	21.42%	38.25%	0.77%	0.061%	0.107%	0.125%	0.228%	0.42%	0.26%	2.59%	28.73%	32.74%	12.62%	8.77%	7.67%	14.44%	7.94%	7.23%	8.80%	19.86%	23.24%	16.25%
中鉱	0.073	14.54%	24.84%	2.75%	0.50%	0.041%	0.071%	0.105%	0.176%	0.38%	0.54%	3.12%	46.33%	36.70%	0.88%	5.50%	4.91%	9.29%	6.45%	5.40%	7.60%	39.88%	27.05%	25.32%
尾鉱	0.020	3.96%	3.62%	3.02%	0.17%	0.014%	0.023%	0.030%	0.056%	0.00%	0.66%	2.76%	72.45%	1.46%	0.26%	0.50%	0.46%	0.81%	0.51%	0.47%	0.01%	13.27%	6.52%	10.78%

粒度別ｼﾞﾙｺﾝ精選： 化学分析 合計

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
原鉱	1.627	100.00%	20.68%	32.24%	0.61%	0.053%	0.058%	0.107%	0.210%	0.35%	0.13%	1.61%	31.62%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
精鉱1	0.745	45.78%	8.20%	57.00%	0.90%	0.083%	0.071%	0.157%	0.324%	0.53%	0.05%	1.04%	19.23%	18.14%	80.91%	68.08%	71.55%	56.81%	66.93%	70.50%	69.89%	19.67%	29.44%	27.84%
精鉱2	0.355	21.80%	33.93%	23.46%	0.43%	0.035%	0.061%	0.073%	0.132%	0.24%	0.13%	1.92%	26.98%	35.77%	15.86%	15.55%	14.30%	23.10%	14.85%	13.70%	15.07%	22.95%	26.02%	18.60%
中鉱	0.406	24.97%	37.44%	3.94%	0.38%	0.029%	0.044%	0.076%	0.128%	0.21%	0.23%	2.33%	41.01%	45.20%	3.05%	15.80%	13.65%	19.23%	17.63%	15.23%	15.02%	45.09%	36.07%	32.38%
尾鉱	0.121	7.45%	2.47%	0.76%	0.05%	0.004%	0.007%	0.008%	0.016%	0.00%	0.21%	1.83%	89.86%	0.89%	0.18%	0.57%	0.50%	0.86%	0.59%	0.57%	0.02%	12.29%	8.47%	21.18%

粒度別２次選鉱：化学分析（#1ｲﾙﾒﾅｲﾄ精鉱1）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.40692	34.96%	52.27%	0.051%	0.019%	0.001%	0.002%	0.003%	0.006%	0.001%	24.84%	12.25%	1.31%	35.40%	27.88%	42.18%	51.56%	46.07%	46.05%	46.03%	34.97%	32.01%	37.85%	33.01%
0.080	0.59314	50.97%	52.30%	0.072%	0.014%	0.001%	0.001%	0.002%	0.004%	0.001%	28.07%	10.10%	1.41%	51.64%	56.54%	45.31%	40.46%	41.57%	42.72%	42.98%	50.96%	52.73%	45.49%	51.78%
-0.080	0.16374	14.07%	47.57%	0.071%	0.014%	0.001%	0.001%	0.002%	0.004%	0.001%	29.42%	13.40%	1.50%	12.96%	15.58%	12.51%	7.98%	12.36%	11.23%	11.00%	14.07%	15.26%	16.66%	15.21%
合計	1.16380	100.00%	51.62%	0.064%	0.016%	0.001%	0.002%	0.003%	0.005%	0.001%	27.13%	11.32%	1.39%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.01%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（#1ｲﾙﾒﾅｲﾄ精鉱2）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.27220	31.26%	51.46%	0.061%	0.024%	0.001%	0.003%	0.005%	0.009%	0.001%	20.93%	19.60%	1.54%	32.33%	28.02%	39.52%	48.85%	36.82%	40.89%	44.17%	31.27%	27.19%	34.37%	30.19%
0.080	0.45752	52.55%	49.67%	0.072%	0.016%	0.001%	0.002%	0.003%	0.005%	0.001%	24.95%	16.72%	1.58%	52.45%	55.01%	44.28%	37.34%	45.39%	41.23%	41.70%	52.55%	54.49%	49.28%	52.05%
-0.080	0.14094	16.19%	46.78%	0.072%	0.019%	0.001%	0.003%	0.004%	0.006%	0.001%	27.24%	18.01%	1.75%	15.22%	16.97%	16.20%	13.81%	17.79%	17.88%	14.13%	16.18%	18.32%	16.35%	17.76%
合計	0.87066	100.00%	49.76%	0.068%	0.019%	0.001%	0.003%	0.003%	0.006%	0.001%	24.06%	17.83%	1.60%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（#1ｲﾙﾒﾅｲﾄ中鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.05808	25.46%	32.13%	0.583%	0.748%	0.003%	0.425%	0.027%	0.058%	0.329%	8.07%	19.87%	16.12%	21.85%	12.02%	15.62%	15.47%	16.74%	12.06%	12.62%	15.49%	14.60%	27.56%	35.62%
0.080	0.12369	54.21%	39.92%	1.204%	1.107%	0.005%	0.603%	0.046%	0.100%	0.504%	14.82%	17.13%	10.69%	57.80%	52.89%	49.22%	46.32%	50.63%	44.28%	46.49%	50.55%	57.12%	50.60%	50.31%
-0.080	0.04638	20.33%	37.48%	2.131%	2.109%	0.010%	1.036%	0.122%	0.235%	0.903%	19.57%	19.72%	7.97%	20.35%	35.09%	35.16%	38.21%	32.63%	43.66%	40.89%	33.96%	28.28%	21.84%	14.07%
合計	0.22815	100.00%	37.44%	1.234%	1.219%	0.005%	0.646%	0.057%	0.117%	0.541%	14.07%	18.35%	11.52%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（#2ｲﾙﾒﾅｲﾄ精鉱1）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.05492	17.31%	56.42%	0.062%	0.044%	0.002%	0.007%	0.008%	0.015%	0.001%	9.66%	23.12%	2.50%	19.16%	15.90%	26.21%	27.51%	30.26%	28.29%	28.67%	1.11%	8.26%	21.79%	15.74%
0.080	0.17167	54.10%	51.72%	0.072%	0.028%	0.002%	0.004%	0.005%	0.008%	0.001%	20.42%	17.37%	3.03%	54.90%	57.87%	52.14%	57.34%	52.83%	51.68%	50.85%	3.47%	54.58%	51.18%	59.62%
-0.080	0.09072	28.59%	46.24%	0.061%	0.022%	0.001%	0.002%	0.003%	0.006%	0.052%	26.31%	17.36%	2.37%	25.94%	26.23%	21.65%	15.15%	16.91%	20.03%	20.48%	95.42%	37.16%	27.03%	24.64%
合計	0.31731	100.00%	50.97%	0.067%	0.029%	0.002%	0.004%	0.005%	0.009%	0.016%	20.24%	18.36%	2.75%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（#2ｲﾙﾒﾅｲﾄ精鉱2）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.09763	24.24%	50.47%	0.112%	0.212%	0.003%	0.066%	0.021%	0.045%	0.080%	16.51%	18.57%	4.61%	25.20%	23.72%	21.11%	25.24%	20.11%	19.54%	19.75%	19.03%	29.43%	22.12%	20.84%
0.080	0.20720	51.44%	49.30%	0.102%	0.204%	0.002%	0.063%	0.026%	0.054%	0.071%	7.18%	21.52%	6.80%	52.24%	45.93%	43.12%	49.44%	41.01%	50.87%	50.26%	35.85%	27.16%	54.41%	65.24%
-0.080	0.09794	24.32%	45.05%	0.143%	0.358%	0.003%	0.127%	0.032%	0.068%	0.189%	24.28%	19.64%	3.07%	22.56%	30.35%	35.77%	25.32%	38.88%	29.59%	29.99%	45.12%	43.41%	23.47%	13.92%
合計	0.40277	100.00%	48.55%	0.115%	0.243%	0.003%	0.079%	0.026%	0.055%	0.102%	13.60%	20.35%	5.36%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ｾﾞﾉﾀｲﾑ精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.05704	28.75%	12.86%	0.112%	0.840%	0.002%	0.561%	0.007%	0.016%	0.460%	4.99%	11.90%	25.93%	18.42%	15.52%	10.01%	8.26%	10.22%	9.94%	9.77%	8.50%	19.10%	24.96%	34.34%
0.080	0.09512	47.94%	22.76%	0.327%	2.295%	0.005%	1.451%	0.020%	0.043%	1.433%	6.68%	14.53%	22.02%	54.35%	75.30%	45.59%	41.32%	44.07%	44.11%	43.38%	44.18%	42.65%	50.81%	48.62%
-0.080	0.04625	23.31%	23.45%	0.082%	4.596%	0.013%	3.096%	0.042%	0.095%	3.157%	12.32%	14.25%	15.87%	27.23%	9.18%	44.40%	50.42%	45.71%	45.95%	46.85%	47.32%	38.25%	24.23%	17.04%
合計	0.19841	100.00%	20.07%	0.208%	2.413%	0.006%	1.579%	0.021%	0.047%	1.555%	7.51%	13.71%	21.71%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ｾﾞﾉﾀｲﾑ中鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.04508	56.57%	6.73%	0.286%	0.991%	0.084%	0.103%	0.206%	0.433%	0.467%	3.74%	6.42%	30.72%	49.13%	39.55%	13.13%	12.69%	24.65%	12.53%	12.36%	20.71%	78.85%	52.54%	59.52%
0.080	0.02655	33.32%	10.14%	0.713%	4.962%	0.437%	0.227%	1.070%	2.321%	1.770%	1.40%	8.11%	28.45%	43.60%	58.14%	38.71%	38.87%	32.00%	38.38%	39.03%	46.22%	17.38%	39.09%	32.46%
-0.080	0.00806	10.11%	5.57%	0.094%	20.337%	1.794%	1.013%	4.508%	9.520%	4.171%	1.00%	5.72%	23.16%	7.27%	2.31%	48.16%	48.44%	43.35%	49.09%	48.61%	33.07%	3.77%	8.37%	8.02%
合計	0.07969	100.00%	7.75%	0.409%	4.271%	0.375%	0.236%	0.929%	1.981%	1.276%	2.68%	6.91%	29.20%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ﾓﾅｻﾞｲﾄ精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.01518	19.59%	42.50%	0.235%	11.953%	1.039%	0.503%	2.917%	5.356%	4.155%	0.93%	5.70%	21.28%	50.54%	83.15%	6.50%	6.65%	6.36%	6.51%	6.33%	7.56%	36.98%	25.65%	23.41%
0.080	0.02793	36.05%	19.85%	0.012%	31.868%	2.856%	1.359%	7.733%	14.537%	6.566%	0.48%	5.30%	18.64%	43.43%	7.95%	31.86%	33.61%	31.61%	31.76%	31.61%	21.98%	35.12%	43.89%	37.73%
-0.080	0.03436	44.35%	2.24%	0.011%	50.109%	4.126%	2.168%	12.215%	23.197%	17.112%	0.31%	2.99%	15.61%	6.03%	8.90%	61.64%	59.74%	62.03%	61.73%	62.06%	70.46%	27.90%	30.46%	38.86%
合計	0.07747	99.99%	16.48%	0.055%	36.056%	3.063%	1.550%	8.777%	16.579%	10.771%	0.49%	4.35%	17.81%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ﾓﾅｻﾞｲﾄ中鉱1）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.05646	26.17%	25.81%	0.379%	1.312%	0.121%	0.060%	0.266%	0.582%	1.039%	1.17%	9.24%	25.68%	35.07%	43.13%	7.71%	7.87%	8.51%	8.02%	8.08%	35.60%	28.47%	27.95%	24.25%
0.080	0.12563	58.24%	18.89%	0.186%	2.429%	0.244%	0.104%	0.527%	1.143%	0.566%	1.00%	8.36%	28.57%	57.12%	47.00%	31.77%	35.24%	33.24%	35.29%	35.34%	43.15%	54.14%	56.28%	60.03%
-0.080	0.03363	15.59%	9.65%	0.146%	17.281%	1.472%	0.684%	3.161%	6.837%	1.041%	1.20%	8.75%	27.95%	7.81%	9.87%	60.52%	56.89%	58.25%	56.69%	56.58%	21.25%	17.39%	15.77%	15.72%
合計	0.21572	100.00%	19.26%	0.230%	4.452%	0.403%	0.183%	0.869%	1.884%	0.764%	1.08%	8.65%	27.72%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ﾓﾅｻﾞｲﾄ中鉱2）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.09965	37.26%	26.16%	0.401%	1.293%	0.147%	0.042%	0.255%	0.554%	0.586%	1.35%	8.32%	30.38%	34.83%	26.33%	28.81%	32.98%	26.75%	28.48%	28.15%	40.70%	36.75%	31.30%	40.38%
0.080	0.13912	52.01%	31.69%	0.768%	0.481%	0.045%	0.017%	0.097%	0.218%	0.555%	1.26%	11.00%	26.37%	58.91%	70.39%	14.96%	13.97%	15.41%	15.10%	15.48%	53.82%	47.88%	57.78%	48.94%
-0.080	0.02870	10.73%	16.32%	0.174%	8.762%	0.823%	0.313%	1.754%	3.853%	0.274%	1.96%	10.08%	27.89%	6.26%	3.28%	56.23%	53.05%	57.84%	56.42%	56.37%	5.48%	15.37%	10.92%	10.68%
合計	0.26747	100.00%	27.98%	0.568%	1.672%	0.166%	0.058%	0.334%	0.733%	0.536%	1.37%	9.90%	28.03%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ﾙﾁﾙ精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.13377	33.92%	61.26%	2.297%	0.218%	0.017%	0.025%	0.039%	0.068%	0.098%	0.32%	1.87%	27.64%	33.66%	14.20%	27.01%	25.99%	23.91%	27.41%	27.65%	23.07%	32.13%	33.24%	38.94%
0.080	0.21167	53.68%	65.24%	5.164%	0.242%	0.018%	0.031%	0.037%	0.067%	0.131%	0.27%	1.72%	21.71%	56.72%	50.53%	47.45%	45.10%	46.72%	41.18%	43.12%	48.79%	42.91%	48.37%	48.39%
-0.080	0.04890	12.40%	47.92%	15.602%	0.564%	0.051%	0.083%	0.124%	0.197%	0.327%	0.68%	2.83%	24.60%	9.62%	35.27%	25.54%	28.91%	29.37%	31.41%	29.23%	28.14%	24.96%	18.39%	12.67%
合計	0.39434	100.00%	61.74%	5.486%	0.274%	0.022%	0.035%	0.049%	0.084%	0.144%	0.34%	1.91%	24.08%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ﾙﾁﾙ中鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.05965	16.77%	54.92%	18.781%	0.277%	0.029%	0.039%	0.047%	0.082%	0.152%	0.19%	1.79%	15.48%	32.37%	7.56%	9.20%	8.26%	8.69%	8.06%	8.23%	6.47%	18.82%	21.42%	11.01%
0.080	0.17454	49.07%	31.86%	41.475%	0.290%	0.041%	0.043%	0.062%	0.090%	0.187%	0.12%	1.36%	23.20%	54.95%	48.82%	28.18%	34.56%	28.24%	31.19%	26.57%	23.28%	34.78%	47.63%	48.28%
-0.080	0.12147	34.15%	10.56%	53.233%	0.926%	0.098%	0.139%	0.174%	0.317%	0.811%	0.23%	1.27%	28.11%	12.68%	43.62%	62.62%	57.18%	63.07%	60.75%	65.20%	70.25%	46.40%	30.95%	40.71%
合計	0.35566	99.99%	28.45%	41.684%	0.505%	0.059%	0.075%	0.098%	0.166%	0.394%	0.17%	1.40%	23.58%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（尾鉱2:ﾙﾁﾙ尾鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.02642	40.85%	19.83%	0.521%	0.072%	0.006%	0.009%	0.015%	0.028%	0.001%	0.31%	0.92%	69.25%	35.82%	12.56%	26.56%	24.85%	25.89%	29.00%	29.03%	3.09%	35.36%	24.06%	44.10%
0.080	0.02876	44.47%	26.07%	1.166%	0.102%	0.008%	0.013%	0.020%	0.035%	0.001%	0.22%	1.72%	61.73%	51.26%	30.58%	40.95%	39.87%	43.77%	41.75%	38.52%	3.38%	27.32%	48.96%	42.80%
-0.080	0.00950	14.69%	19.90%	6.565%	0.245%	0.023%	0.028%	0.042%	0.088%	0.084%	0.91%	2.87%	57.21%	12.92%	56.86%	32.49%	35.28%	30.34%	29.25%	32.45%	93.53%	37.32%	26.98%	13.10%
合計	0.06468	100.01%	22.61%	1.696%	0.111%	0.009%	0.013%	0.021%	0.040%	0.013%	0.36%	1.56%	64.14%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ｼﾞﾙｺﾝ1精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.05736	7.70%	20.21%	46.716%	0.157%	0.014%	0.017%	0.024%	0.049%	0.167%	0.06%	1.00%	16.42%	18.99%	6.31%	1.34%	1.27%	1.82%	1.18%	1.15%	2.42%	8.43%	7.43%	6.57%
0.080	0.35267	47.34%	9.93%	56.612%	0.265%	0.025%	0.028%	0.040%	0.086%	0.233%	0.03%	0.99%	19.84%	57.37%	47.03%	13.91%	14.02%	18.50%	12.16%	12.52%	20.73%	25.92%	45.25%	48.84%
-0.080	0.33487	44.96%	4.31%	59.164%	1.700%	0.157%	0.127%	0.302%	0.621%	0.910%	0.08%	1.09%	19.08%	23.64%	46.66%	84.75%	84.71%	79.68%	86.66%	86.33%	76.85%	65.65%	47.32%	44.59%
合計	0.74490	100.00%	8.20%	56.997%	0.902%	0.083%	0.071%	0.157%	0.324%	0.532%	0.05%	1.04%	19.23%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ｼﾞﾙｺﾝ2精鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.08722	24.58%	37.25%	11.103%	0.285%	0.025%	0.046%	0.053%	0.100%	0.157%	0.10%	1.74%	26.41%	26.99%	11.63%	16.20%	17.56%	18.51%	17.89%	18.63%	16.02%	18.32%	22.26%	24.07%
0.080	0.19177	54.05%	37.36%	23.230%	0.365%	0.029%	0.050%	0.062%	0.108%	0.207%	0.10%	1.74%	26.54%	59.52%	53.53%	45.61%	45.08%	43.98%	45.69%	44.39%	46.45%	40.28%	48.94%	53.17%
-0.080	0.07582	21.37%	21.42%	38.252%	0.773%	0.061%	0.107%	0.125%	0.228%	0.423%	0.26%	2.59%	28.73%	13.49%	34.84%	38.19%	37.36%	37.51%	36.42%	36.98%	37.53%	41.40%	28.80%	22.76%
合計	0.35481	100.00%	33.93%	23.459%	0.433%	0.035%	0.061%	0.073%	0.132%	0.241%	0.13%	1.92%	26.98%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（ｼﾞﾙｺﾝ中鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.11889	29.26%	43.16%	6.053%	0.318%	0.027%	0.042%	0.071%	0.120%	0.226%	0.22%	2.73%	35.84%	33.73%	44.98%	24.25%	27.06%	27.60%	27.57%	27.40%	31.54%	27.95%	34.34%	25.57%
0.080	0.21418	52.71%	38.57%	3.171%	0.380%	0.027%	0.037%	0.068%	0.116%	0.143%	0.13%	1.83%	42.06%	54.30%	42.45%	52.20%	47.86%	43.42%	47.51%	47.76%	35.95%	29.76%	41.47%	54.06%
-0.080	0.07328	18.03%	24.84%	2.745%	0.501%	0.041%	0.071%	0.105%	0.177%	0.378%	0.54%	3.12%	46.33%	11.97%	12.57%	23.55%	25.08%	28.98%	24.92%	24.84%	32.51%	42.29%	24.19%	20.37%
合計	0.40635	100.00%	37.44%	3.938%	0.384%	0.029%	0.044%	0.076%	0.128%	0.210%	0.23%	2.33%	41.01%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（尾鉱3:ｼﾞﾙｺﾝ尾鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.05750	47.41%	1.61%	0.184%	0.016%	0.001%	0.002%	0.003%	0.006%	0.001%	0.10%	1.79%	94.72%	30.92%	11.45%	16.28%	15.74%	16.40%	16.83%	17.71%	47.40%	22.55%	46.36%	49.98%
0.080	0.04382	36.13%	3.07%	0.490%	0.031%	0.002%	0.005%	0.006%	0.011%	0.001%	0.15%	1.46%	91.41%	44.94%	23.26%	24.04%	20.99%	27.17%	23.95%	24.51%	36.11%	25.78%	28.82%	36.75%
-0.080	0.01996	16.46%	3.62%	3.021%	0.169%	0.014%	0.023%	0.030%	0.056%	0.001%	0.66%	2.76%	72.45%	24.14%	65.29%	59.68%	63.27%	56.43%	59.22%	57.78%	16.49%	51.67%	24.82%	13.27%
合計	0.12128	100.00%	2.47%	0.762%	0.047%	0.004%	0.007%	0.008%	0.016%	0.001%	0.21%	1.83%	89.86%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

粒度別２次選鉱：化学分析（尾鉱1:磁鉄鉱）

粒度	鉱量	鉱量	品位 (%)											分布率 (%)										
mm	(kg)	(wt%)	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
0.100	0.04132	42.43%	38.12%	0.018%	0.018%	0.001%	0.002%	0.003%	0.005%	0.001%	21.36%	32.25%	1.41%	40.05%	30.16%	31.61%	26.88%	29.10%	29.87%	28.01%	42.40%	39.08%	47.35%	40.33%
0.080	0.03730	38.30%	46.33%	0.020%	0.020%	0.001%	0.002%	0.003%	0.006%	0.001%	23.85%	22.89%	1.38%	43.93%	30.25%	31.70%	31.26%	30.00%	30.94%	31.12%	38.30%	39.39%	30.33%	35.63%
-0.080	0.01877	19.27%	33.56%	0.052%	0.046%	0.002%	0.007%	0.008%	0.017%	0.001%	25.90%	33.47%	1.85%	16.02%	39.59%	36.69%	41.86%	40.90%	39.19%	40.87%	19.30%	21.53%	22.32%	24.04%
合計	0.09739	100.00%	40.39%	0.025%	0.024%	0.001%	0.003%	0.004%	0.008%	0.001%	23.19%	28.90%	1.48%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

分析結果一覧表

現地選鉱本試験各産物鉱物分け鉱量及び粒度別分析結果一覧表（再分析および補正後）

工程産物	粒度 mm	篩分鉱量 (g)	鉱量 (wt%)	鉱物分離 (%) 鉄鉱 イルメナイト	金紅石 ルチル	英石 ジルコン	独居石 モナザイト	鉱 ゼノタイム	其它 その他	合計	備考	化学分析品位 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	備考
1次選鉱																							
原砂	0.150	1,090.0	21.83%	0.0409%	0.0061%	0.0100%	0.0005%	0.0001%	99.9424%	100.00%		0.11%	0.023%	0.010%	0.00081%	0.003%	0.0046%	<0.002%	0.039%	0.08%	0.64%	96.40%	
	0.100	3,230.0	64.70%	0.2005%	0.0233%	0.0293%	0.0021%	0.0002%	99.7382%	100.00%		0.15%	0.053%	0.035%	0.00380%	0.006%	0.0052%	<0.002%	0.041%	0.22%	1.74%	94.13%	
	0.080	485.0	9.72%	1.5967%	0.2423%	0.6269%	0.0102%	0.0083%	97.5151%	100.00%		0.96%	0.286%	0.091%	0.00290%	0.020%	0.0516%	0.009%	0.046%	0.71%	3.24%	85.50%	
	0.039	77.0	1.54%	5.7213%	0.6653%	4.8377%	0.6208%	0.1118%	88.0431%	100.00%		4.25%	3.760%	0.750%	0.01700%	0.170%	0.1498%	0.160%	0.259%	2.10%	4.53%	69.41%	
	-0.039	110.0	2.20%	0.3000%	0.0070%	0.0400%	0.0100%	0.0000%	99.6430%	100.00%	ゼノタイムtr	0.28%	0.100%	0.180%	0.00610%	0.052%	0.0194%	0.010%	0.135%	0.62%	14.64%	60.58%	
精鉱	0.150	107.5	10.79%	1.3136%	0.0960%	0.0500%	0.0033%	0.0019%	98.5350%	100.00%		1.96%	0.020%	0.014%	0.00056%	0.0120%	0.0020%	0.0040%	0.034%	0.62%	1.56%	93.82%	Y2O3,La2O3,CeO2再分析値
	0.100	579.6	58.19%	3.3236%	0.4479%	0.3363%	0.0298%	0.0144%	95.8480%	100.00%		3.93%	0.460%	0.035%	0.00220%	0.0060%	0.0074%	0.0104%	0.057%	0.35%	2.84%	88.50%	Y2O3,La2O3,CeO2再分析値
	0.080	229.5	23.04%	14.2907%	2.2644%	5.3446%	0.2845%	0.1404%	77.6754%	100.00%		7.43%	3.900%	0.380%	0.02500%	0.0530%	0.0530%	0.1050%	0.189%	3.25%	6.88%	63.06%	Y2O3,La2O3,CeO2再分析値
	0.039	66.4	6.67%	19.3550%	2.6761%	16.6817%	1.8260%	0.1965%	59.2317%	100.00%		15.37%	12.610%	1.570%	0.08700%	0.0182%	0.1182%	0.5300%	0.779%	5.94%	12.35%	48.52%	Y2O3,La2O3,CeO2再分析値
	-0.039	13.0	1.31%	0.9000%	0.1200%	0.6000%	0.1000%	0.0050%	98.2750%	100.00%		0.64%	0.482%	0.170%	0.00980%	0.0210%	0.0330%	0.0560%	0.268%	0.93%	8.32%	67.55%	Y2O3,La2O3,CeO2再分析値
中鉱	0.150	172.0	17.18%	0.0104%	0.0010%	0.0002%	0.0001%	0.0000%	99.9883%	100.00%	ゼノタイムtr	0.030%	0.034%	0.055%	0.0003%	0.0004%	0.0014%	0.0014%	0.085%	0.09%	0.69%	96.15%	Y2O3,La2O3,CeO2再分析値
	0.100	697.0	69.62%	0.0512%	0.0120%	0.0015%	0.0005%	0.0000%	99.9248%	100.00%	ゼノタイムtr	0.100%	0.027%	0.022%	0.0011%	0.0006%	0.0022%	0.0020%	0.071%	0.07%	1.04%	94.59%	Y2O3,La2O3,CeO2再分析値
	0.080	121.5	12.14%	0.1789%	0.0325%	0.0300%	0.0028%	0.0500%	99.7058%	100.00%		0.476%	0.020%	0.036%	0.0015%	0.0022%	0.0048%	0.0066%	0.133%	0.21%	2.60%	87.81%	Y2O3,La2O3,CeO2再分析値
	0.039	8.9	0.89%	0.6400%	0.0473%	0.0820%	0.0068%	0.0100%	99.1739%	100.00%		0.565%	0.110%	0.056%	0.0027%	0.0072%	0.0102%	0.0168%	0.089%	0.62%	3.93%	78.82%	Y2O3,La2O3,CeO2再分析値
	-0.039	1.8	0.18%	0.1800%	0.0050%	0.0300%	0.0000%	0.0000%	99.7850%	100.00%	モナザイト,ゼノタイムtr	0.257%	0.194%	0.068%	0.0085%	0.0075%	0.0116%	0.0125%	0.050%	0.54%	8.63%	75.00%	Y2O3,La2O3,CeO2再分析値
尾鉱	0.150	212.0	20.97%	0.0039%	0.0002%	0.0002%	0.0002%	0.0000%	99.9955%	100.00%	ゼノタイムtr	0.06%	0.040%	0.011%	0.0009%	0.0012%	0.0019%	0.0014%	0.028%	0.11%	0.48%	96.50%	TREO,Y2O3,La2O3,CeO2再分析値
	0.100	660.0	65.29%	0.0155%	0.0008%	0.0103%	0.0008%	0.0000%	99.9726%	100.00%	ゼノタイムtr	0.05%	0.023%	0.017%	0.0012%	0.0010%	0.0024%	0.0030%	0.028%	0.07%	1.04%	94.26%	Y2O3,La2O3,CeO2再分析値
	0.080	108.0	10.68%	0.0740%	0.0033%	0.0370%	0.0033%	0.0000%	99.8824%	100.00%	ゼノタイムtr	0.14%	0.043%	0.023%	0.0020%	0.0024%	0.0054%	0.0042%	0.048%	0.13%	1.84%	88.91%	TREO,ThO2,Y2O3,La2O3,CeO2再分析値
	0.039	13.5	1.34%	0.8291%	0.0250%	0.4230%	0.0254%	0.0602%	98.6973%	100.00%		0.51%	0.237%	0.190%	0.0039%	0.0082%	0.0140%	0.0240%	0.095%	0.30%	4.10%	77.67%	Y2O3,La2O3,CeO2再分析値
	-0.039	17.3	1.71%	0.1000%	0.0000%	0.0400%	0.0000%	0.0000%	99.8600%	100.00%	ルチル,モナザイト,ゼノタイムtr	0.23%	0.057%	0.100%	0.0021%	0.0094%	0.0110%	0.0160%	0.128%	0.15%	12.44%	62.78%	Y2O3,La2O3,CeO2再分析値
2次選鉱																							
イルメナイト精鉱	0.150	15.5	1.55%	99.00%	0.00%				1.00%	100.00%		53.45%	0.066%	0.032%	0.0030%	0.0060%	0.0060%	0.010%	0.073%	22.78%	19.97%	1.30%	
	0.100	288.5	28.95%	98.85%	0.00%				1.14%	100.00%		53.00%	0.100%	0.037%	0.0030%	0.0074%	0.0054%	0.009%	0.064%	23.94%	20.40%	1.02%	
	0.080	438.5	44.00%	98.66%	0.00%				1.34%	100.00%		51.48%	0.218%	0.051%	0.0040%	0.0122%	0.0062%	0.010%	0.057%	26.65%	14.40%	1.43%	
	0.039	253.0	25.39%	96.80%	0.04%				3.16%	100.00%		43.27%	0.653%	0.120%	0.0081%	0.0260%	0.0160%	0.024%	0.076%	28.58%	23.79%	1.51%	
	-0.039	1.0	0.10%	86.00%	0.20%				13.80%	100.00%		36.65%	1.751%	0.610%	0.0450%	0.1000%	0.1110%	0.180%	0.282%	35.53%	7.95%	5.89%	
イルメナイト中鉱	0.150	34.4	2.29%	15.60%	0.20%				84.20%	100.00%		33.43%	0.067%	0.11%	0.0070%	0.026%	0.011%	0.015%	0.108%	10.30%	18.46%	13.55%	
	0.100	480.0	31.98%	89.00%	0.20%				10.80%	100.00%		53.27%	0.095%	0.12%	0.0110%	0.043%	0.014%	0.030%	0.151%	9.21%	29.51%	4.00%	
	0.080	810.0	53.97%	79.00%	0.20%				20.80%	100.00%		49.34%	0.196%	0.14%	0.0075%	0.042%	0.014%	0.023%	0.142%	11.05%	23.62%	4.23%	
	0.039	170.0	11.33%	81.00%	0.30%				18.70%	100.00%		36.74%	0.681%	0.19%	0.0086%	0.066%	0.019%	0.038%	0.151%	15.58%	24.45%	3.45%	
	-0.039	6.5	0.43%	88.00%	0.20%				11.80%	100.00%		41.65%	0.533%	0.19%	0.0125%	0.052%	0.031%	0.047%	0.128%	25.21%	29.25%	2.56%	
ゼノタイム精鉱	0.150	0.0	0.00%	0.00%	0.00%				100.00%	100.00%													
	0.100	10.6	4.50%	1.00%	0.00%				99.00%	100.00%		0.86%	1.34%	47.65%	0.330%	32.597%	0.110%	0.257%	16.86%	2.31%	1.92%	4.06%	
	0.080	166.2	70.51%	0.00%	0.00%				100.00%	100.00%		1.36%	0.74%	40.74%	0.300%	27.825%	0.102%	0.208%	16.29%	3.80%	4.40%	8.22%	
	0.039	58.2	24.69%	0.00%	0.00%				100.00%	100.00%		0.93%	0.56%	35.94%	0.255%	24.231%	0.147%	0.288%	17.22%	6.18%	4.98%	12.69%	
	-0.039	0.7	0.30%	0.00%	0.40%				99.60%	100.00%		8.47%	1.16%	15.63%	0.110%	9.690%	0.110%	0.220%					
ゼノタイム中鉱	0.150	55.9	5.73%	0.80%	0.00%				99.20%	100.00%		13.30%	0.083%	0.36%	0.016%	0.20%	0.019%	0.026%	0.225%	8.31%	5.09%	30.05%	
	0.100	305.6	31.31%	1.00%	0.00%				99.00%	100.00%		17.16%	0.340%	1.51%	0.024%	0.77%	0.040%	0.061%	0.871%	7.57%	10.16%	25.54%	
	0.080	505.9	51.81%	2.00%	0.00%				98.00%	100.00%		22.70%	2.210%	2.20%	0.059%	1.04%	0.098%	0.150%	1.238%	10.50%	17.83%	18.23%	
	0.039	105.8	10.84%	2.00%	0.00%				98.00%	100.00%		19.93%	8.910%	4.64%	0.230%	1.68%	0.480%	0.770%	0.665%	11.79%	13.71%	13.59%	
	-0.039	3.0	0.31%	10.00%	0.00%				90.00%	100.00%		25.94%	5.090%	2.59%	0.130%	0.50%	0.300%	0.510%	1.290%	28.08%	1.82%	12.56%	
モナザイト精鉱	0.150	0.2	0.02%	0.00%	0.50%				99.50%	100.00%				42.45%	4.27%	1.470%	9.381%	19.548%					
	0.100	44.5	4.45%	0.00%	0.20%				99.80%	100.00%		0.25%	1.13%	58.87%	6.70%	1.828%	14.382%	26.958%	16.78%	0.26%	0.74%	1.95%	
	0.080	601.5	60.24%	0.00%	0.00%				100.00%	100.00%		0.21%	9.43%	52.51%	5.28%	1.985%	12.151%	23.330%	19.87%	0.26%	1.14%	4.86%	
	0.039	345.4	34.59%	0.00%	0.00%				100.00%	100.00%		0.32%	6.29%	51.98%	5.19%	2.639%	11.747%	22.653%	17.79%	0.40%	1.43%	5.69%	
	-0.039	6.9	0.69%	0.00%	0.30%				99.70%	100.00%		2.68%	9.43%	38.18%	3.12%	3.100%	8.163%	15.879%	15.24%	0.44%	3.42%	5.97%	
モナザイト中鉱	0.150	20.2	2.02%	0.00%	0.20%				99.80%	100.00%		15.16%	0.29%	0.30%	0.030%	0.029%	0.072%	0.11%	0.229%	4.58%	5.59%	27.50%	
	0.100	315.3	31.49%	0.00%	0.50%				99.50%	100.00%		28.25%	0.70%	0.76%	0.072%	0.076%	0.180%	0.27%	0.573%	2.06%	9.61%	22.54%	
	0.080	556.5	55.56%	0.00%	0.50%				99.50%	100.00%		25.26%	2.10%	1.82%	0.130%	0.260%	0.380%	0.57%	1.009%	1.86%	10.14%	17.21%	
	0.039	105.0	10.49%	0.00%	0.50%				99.50%	100.00%		15.62%	6.29%	8.95%	0.575%	0.890%	1.500%	2.38%	0.894%	5.58%	9.92%	21.18%	
	-0.039	4.4	0.44%	0.00%	0.70%				99.30%	100.00%		16.44%	2.23%	5.19%	0.370%	0.660%	1.020%	1.60%	0.665%	7.82%	15.57%	16.87%	
ルチル精鉱	0.150	3.2	0.32%	0.00%	70.00%				30.00%	100.00%		76.52%	0.98%	0.12%	0.017%	0.017%	0.014%	0.028%	0.218%	6.77%	0.14%	3.17%	
	0.100	234.2	23.11%	0.00%	73.00%				27.00%	100.00%		83.77%	0.84%	0.13%	0.020%	0.020%	0.015%	0.025%	0.056%	2.37%	4.45%	5.20%	
	0.080	689.4	68.04%	0.00%	78.00%				22.00%	100.00%		84.56%	0.71%	0.15%	0.021%	0.023%	0.018%	0.031%	0.092%	0.79%	2.36%	3.12%	
	0.039	85.6	8.45%	0.00%	60.00%				40.00%	100.00%		62.72%	0.84%	0.26%	0.035%	0.030%	0.035%	0.055%	0.160%	1.67%	0.13%	4.70%	
	-0.039	0.9	0.09%	0.00%	24.00%				76.00%	100.00%		46.91%	3.86%	1.10%	0.076%	0.119%	0.171%	0.329%	0.596%	7.37%	0.14%	7.93%	
ルチル中鉱	0.150	6.8	0.68%	0.00%	21.00%				79.00%	100.00%		44.20%	1.96%	0.10%	0.012%	0.015%	0.012%	0.021%	0.596%	10.94%	0.13%	4.85%	
	0.100	218.8	21.89%	0.00%	30.00%				70.00%	100.00%		80.54%	1.70%	0.15%	0.026%	0.027%	0.019%	0.030%	0.433%	1.42%	0.13%	8.00%	
	0.080	604.3	60.45%	0.00%	41.00%				59.00%	100.00%		73.55%	4.95%	0.24%	0.051%	0.030%	0.033%	0.050%	0.186%	2.32%	3.00%	11.03%	
	0.039	164.6	16.46%	0.00%	31.00%				69.00%	100.00%		50.14%	13.67%	0.78%	0.072%	0.110%	0.110%	0.180%	0.399%	3.90%	0.14%	17.11%	
	-0.039	5.2	0.52%	0.00%	20.00%				80.00%	100.00%		29.18%	12.97%	1.04%	0.120%	0.120%	0.180%	0.270%	0.695%	13.38%	0.11%	18.05%	
ジルコン1精鉱	0.150	0.2	0.02%	0.06%	1.00%				98.94%	100.00%		2.73%	53.70%	0.35%	0.035%	0.130%	0.0190%	0.044%	0.158%				
	0.100	55.3	5.41%	0.00%	0.00%				100.00%	100.00%		0.20%	63.92%	0.33%	0.025%	0.160%	0.0072%	0.014%	0.165%	0.24%	0.13%	31.15%	
	0.080	673.5	65.88%	0.00%	0.00%				100.00%	100.00%		0.13%	63.66%	0.38%	0.032%	0.180%	0.0100%	0.016%	0.165%	0.27%	0.13%	31.33%	
	0.039	289.1	28.28%	0.00%	0.00%				100.00%	100.00%		0.23%	61.87%	0.48%	0.041%	0.213%	0.0150%	0.031%	0.220%	0.99%	0.28%	35.59%	
	-0.039	4.2	0.41%	0.00%	1.00%				99.00%	100.00%		4.74%	56.72%	1.12%	0.097%	0.247%	0.1260%	0.234%	0.550%	0.37%	0.14%	32.88%	
ジルコン2精鉱	0.150	0.5	0.05%	0.00%	2.00%				98.00%	100.00%		5.33%	45.71%	0.16%	0.013%	0.031%	0.018%	0.041%					
	0.100	69.4	7.92%	0.00%	1.00%				99.00%	100.00%		2.15%	60.29%	0.92%	0.051%	0.170%	0.018%	0.340%	0.321%	0.33%	0.14%	34.09%	
	0.080	596.0	68.04%	0.00%	1.00%				99.00%	100.00%		1.30%	62.74%	1.01%	0.070%	0.217%	0.150%	0.199%	0.186%	0.33%	0.13%	34.10%	
	0.039	204.5	23.34%	0.00%	1.50%				98.50%	100.00%		2.25%	60.78%	1.25%	0.120%	0.250%	0.150%	0.292%	0.504%	0.51%	0.13%	33.42%	
	-0.039	5.6	0.64%	0.00%	3.00%				97.00%	100.00%		16.37%	36.28%	1.98%	0.180%	0.244%	0.380%	0.685%	0.956%	4.27%	0.14%	39.18%	
ジルコン中鉱	0.150	4.1	0.41%	0.00%	4.00%				96.00%	100.00%		7.21%	39.16%	0.42%	0.034%	0.099%	0.056%	0.100%	0.275%	0.42%	0.14%	32.91%	
	0.100	302.4	30.16%	0.00%	1.00%				99.00%	100.00%		6.26%	52.79%	0.62%	0.045%	0.155%	0.076%	0.122%	0.413%	0.33%	0.14%	33.58%	
	0.080	607.2	60.57%	0.00%	1.00%				99.00%	100.00%		8.04%	52.13%	0.75%	0.051%	0.182%	0.091%	0.150%	0.527%	0.51%	0.13%	29.55%	
	0.039	86.6	8.64%	0.00%	1.00%				99.00%	100.00%		5.72%	43.88%	0.80%	0.053%	0.184%	0.096%	0.160%	0.711%	1.09%	0.13%	37.39%	
	-0.039	2.2	0.22%	0.00%	2.00%				98.00%	100.00%		8.54%	22.40%	1.23%	0.089%	0.146%	0.185%	0.355%	0.940%	3.43%	0.14%	46.97%	
ジルコン尾鉱 (尾鉱3)	0.150	53.4	5.33%	0.00%	3.00%				97.00%	100.00%		19.08%	0.47%	0.180%	0.009%	0.011%	0.026%	0.057%	0.241%	2.01%	0.10%	60.90%	
	0.100	551.3	54.99%	0.00%	8.00%				92.00%	100.00%		29.63%	0.91%	0.310%	0.016%	0.026%	0.050%	0.090%	0.255%	1.24%	0.10%	53.50%	
	0.080	343.8	34.29%	0.00%	4.00%				96.00%	100.00%		24.56%	0.64%	0.200%	0.010%	0.016%	0.032%	0.059%	0.254%	0.71%	2.66%	57.18%	
	0.039	52.3	5.22%	0.00%	1.00%				99.00%	100.00%		5.31%	1.01%	0.089%	0.005%	0.011%	0.015%	0.023%	0.142%	0.74%	2.70%	79.45%	
	-0.039	1.7	0.17%	0.00%	2.00%				98.00%	100.00%		9.52%	8.91%	0.670%	0.055%	0.069%	0.165%	0.192%	0.454%	4.30%	0.13%	59.59%	
磁鉄鉱 (尾鉱2)	0.150	66.5	13.29%	0.4000%	0.0000%	0.0200%	0.0000%	0.0000%	99.56%	100.00%	モナザイト,ゼノタイムtr	2.41%	0.026%	0.020%	0.0010%	0.0064%	0.0020%	0.0040%	0.078%	16.14%	70.51%	1.63%	
	0.100	84.8	16.85%	12.4575%	0.0066%	0.6677%	0.0001%	0.0000%	86.87%	100.00%	ゼノタイムtr	29.94%	0.110%	0.020%	0.0024%	0.0026%	0.0030%	0.0036%	0.062%	21.92%	44.15%	1.63%	
	0.080	176.0	35.18%	3.7350%	0.0056%	0.1108%	0.0000%	0.0000%	96.15%	100.00%	モナザイト,ゼノタイムtr	30.03%	0.165%	0.028%	0.0025%	0.0032%	0.0050%	0.0070%	0.052%	17.69%	48.08%	1.66%	
	0.039	171.0	34.18%	4.6275%	0.0000%	0.1426%	0.0006%	0.0000%	95.23%	100.00%	ルチル,ゼノタイムtr	23.30%	0.248%	0.030%	0.0020%	0.0030%	0.0036%	0.0080%	0.055%	18.08%	52.84%	1.89%	
	-0.039	2.5	0.50%	4.3000%	0.1800%	0.1000%	0.0000%	0.0000%	95.42%	100.00%	モナザイト,ゼノタイムtr	12.16%	0.215%	0.096%	0.0047%	0.0100%	0.0144%	0.0220%	0.135%	21.15%	50.21%	3.64%	
テーブル尾鉱 (尾鉱1)	0.150	129.1	13.54%	0.0024%	0.0000%	0.0007%	0.0000%	0.0000%	100.00%	100.00%	ルチル,モナザイト,ゼノタイムtr	0.049%	0.021%	0.013%	0.0012%	0.002%	0.0024%	0.0020%	0.018%	0.09%	0.47%	96.64%	
	0.100	612.1	64.20%	0.0008%	0.0000%	0.0057%	0.0001%	0.0000%	99.99%	100.00%	ルチル,ゼノタイムtr	0.121%	0.005%	0.016%	0.0015%	0.002%	0.0050%	0.0020%	0.025%	0.13%	0.79%	93.55%	
	0.080	175.5	18.41%	0.2520%	0.0305%	0.0145%	0.0009%	0.0000%	99.70%	100.00%	ゼノタイムtr	0.275%	0.014%	0.030%	0.0022%	0.003%	0.0070%	0.0020%	0.044%	0.15%	2.07%	87.00%	
	0.039	31.1	3.26%	0.1200%	0.0252%	0.0252%	0.0063%	0.0006%	99.82%	100.00%		0.230%	0.040%	0.042%	0.0026%	0.006%	0.0110%	0.0026%	0.055%	0.33%	6.10%	80.91%	
	-0.039	5.7	0.60%	0.0800%	0.0100%	0.0100%	0.0000%	0.0000%	99.90%	100.00%	モナザイト,ゼノタイムtr	0.266%	0.065%	0.010%	0.0070%	0.012%	0.0240%	0.0108%	0.096%	0.75%	3.06%	70.71%	

磁力選鉱特性試験分析結果

重砂分析結果

産物	鉱量	鉱物量 (%)					化学分析結果 品位 (%)				
	(g)	鉄鉱 ｲﾙﾒﾅｲﾄ	金紅石 ﾙﾁﾙ	英石 ｼﾞﾙｺﾝ	独居石 ﾓﾅｻﾞｲﾄ	砿 ｾﾞﾉﾀｲﾑ	TiO2	(Zr, Hf) O2	Y2O3	La2O3	CeO2
軽鉱物(<2.8)	20.820	0.00%	0.00%	0.00%	0.00%	0.00%	0.07%	0.03%	0.00%	0.017%	0.002%
軽鉱物(<3.3)	31.090	0.00%	0.00%	1.00%	0.00%	0.00%	15.20%	0.27%	0.15%	0.079%	0.072%
着磁物1	1.53	0.00%	0.00%	0.20%	0.00%	0.00%	17.52%	0.17%	0.01%	0.011%	0.004%
着磁物2	14.07	99.00%	0.00%	0.50%	0.00%	0.00%	49.25%	0.36%	0.00%	0.010%	0.002%
着磁物3	24.02	99.00%	0.00%	0.50%	0.00%	0.00%	50.00%	0.21%	0.01%	0.013%	0.003%
着磁物4	76.59	99.00%	0.00%	0.50%	0.00%	0.00%	50.05%	0.12%	0.00%	0.011%	0.002%
着磁物5	60.43	96.00%	0.00%	0.70%	0.00%	0.30%	51.39%	0.21%	0.14%	0.012%	0.003%
着磁物6	11.49	78.00%	0.00%	0.50%	0.00%	7.00%	49.07%	0.42%	2.92%	0.048%	0.014%
着磁物7	12.620	0.00%	0.00%	1.00%	0.40%	3.00%	27.17%	0.52%	1.05%	0.091%	0.120%
着磁物8	3.830	0.00%	0.00%	1.50%	1.00%	0.50%	19.13%	0.93%	0.29%	0.230%	0.410%
着磁物9	15.39	0.00%	2.00%	2.00%	30.00%	0.00%	24.22%	1.53%	0.59%	4.560%	8.650%
着磁物10	7.41	0.00%	6.00%	2.00%	12.00%	0.00%	53.27%	4.47%	0.29%	1.690%	2.930%
着磁物11	5.21	0.00%	12.00%	3.00%	0.00%	0.00%	65.43%	4.60%	0.17%	0.310%	0.440%
非着磁物	115.050	0.00%	20.00%	59.00%	0.00%	0.00%	30.75%	39.49%	0.14%	0.027%	0.035%

静電選鉱特性試験分析結果

分離印加電圧	産物	鉱量 (g)	鉱物量 (%) 鉄鉱 ｲﾙﾒﾅｲﾄ	金紅石 ﾙﾁﾙ	英石 ｼﾞﾙｺﾝ	独居石 ﾓﾅｻﾞｲﾄ	砿 ｾﾞﾉﾀｲﾑ
5kV	良導体	96.000	46.01%	6.24%	17.63%	1.47%	0.38%
5kV	不良導体	4.000	29.63%	4.14%	19.16%	1.62%	0.12%
10kV	良導体	91.000	49.77%	6.57%	17.37%	1.38%	0.40%
10kV	不良導体	9.000	1.08%	1.96%	17.15%	1.58%	0.06%
15kV	良導体	67.000	66.76%	7.10%	7.25%	0.95%	0.22%
15kV	不良導体	33.000	2.05%	3.90%	38.66%	2.60%	0.66%
20kV	良導体	53.500	79.49%	6.22%	2.74%	0.40%	0.11%
20kV	不良導体	46.500	3.00%	6.24%	34.88%	2.70%	0.65%
25kV	良導体	50.500	85.02%	6.84%	0.19%	0.07%	0.01%
25kV	不良導体	48.700	4.30%	5.08%	35.17%	3.00%	0.72%
30kV	良導体	53.500	79.95%	6.63%	0.80%	0.14%	0.05%
30kV	不良導体	45.500	3.89%	6.05%	38.00%	3.10%	0.73%

1次選鉱各産物の日本における分析品位一覧

産物	粒度 mm	品位 (%) TREO	ThO2	Y2O3	La2O3	CeO2	P2O5
原砂	0.150	<0.10%	<0.003%	<0.003%	<0.003%	<0.003%	0.010%
	0.100	<0.10%	<0.003%	<0.003%	<0.003%	<0.003%	0.014%
	0.080	<0.10%	<0.003%	0.007%	0.006%	0.014%	0.033%
	0.039	<0.10%	0.025%	0.029%	0.058%	0.130%	0.170%
	-0.039	<0.10%	0.005%	0.014%	0.008%	0.022%	0.120%
1次選鉱 精鉱	0.150	<0.10%	0.003%	0.003%	0.006%	0.014%	0.028%
	0.100	<0.10%	<0.003%	<0.003%	<0.003%	0.004%	0.012%
	0.080	0.14%	0.016%	0.020%	0.035%	0.074%	0.110%
	0.039	1.14%	0.010%	0.059%	0.260%	0.540%	0.560%
	-0.039	0.15%	0.013%	0.017%	0.032%	0.071%	0.150%
1次選鉱 中鉱	0.150	<0.10%	<0.003%	<0.003%	<0.003%	0.003%	0.008%
	0.100	<0.10%	<0.003%	<0.003%	<0.003%	0.003%	0.011%
	0.080	<0.10%	<0.003%	<0.003%	0.003%	0.007%	0.021%
	0.039	<0.10%	0.003%	0.005%	0.010%	0.024%	0.058%
	-0.039	<0.10%	0.003%	0.016%	0.041%	0.095%	0.200%
1次選鉱 尾鉱	0.150	<0.10%	<0.003%	<0.003%	<0.003%	<0.003%	0.008%
	0.100	<0.10%	<0.003%	<0.003%	<0.003%	<0.003%	0.012%
	0.080	<0.10%	<0.003%	<0.003%	0.003%	0.006%	0.022%
	0.039	<0.10%	0.007%	0.007%	0.019%	0.043%	0.086%
	-0.039	<0.10%	0.005%	0.008%	0.010%	0.030%	0.140%

焙焼試験化学分析結果

焙焼温度	焙焼還元剤	磁選 (4000ｶﾞｳｽ)	鉱量 (g)	品位 (%) TiO2	(Zr, Hf) O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2
600℃	無	MAG	11.500	48.98%	0.53%	0.24%	0.0088%	0.0840%	0.0300%	0.0140%	0.1490%	14.23%	25.21%	4.02%
600℃	無	NONMAG	87.600	28.96%	21.08%	2.05%	0.1700%	0.3100%	0.3800%	0.7100%	1.0360%	0.36%	7.52%	29.47%
600℃	有	MAG	16.400	52.38%	0.53%	0.35%	0.0140%	0.1300%	0.0240%	0.0180%	0.2130%	13.84%	23.08%	3.18%
600℃	有	NONMAG	82.000	28.78%	20.41%	1.89%	0.1600%	0.2900%	0.3700%	0.6800%	0.9510%	0.32%	8.79%	31.91%
700℃	無	MAG	13.800	43.00%	5.47%	1.09%	0.0750%	0.2000%	0.1800%	0.3200%	0.5500%	9.56%	20.57%	10.75%
700℃	無	NONMAG	85.000	28.96%	20.41%	1.90%	0.1600%	0.3000%	0.3700%	0.6700%	0.9950%	0.36%	5.40%	28.84%
700℃	有	MAG	15.600	43.80%	1.87%	1.51%	0.1100%	0.3200%	0.2500%	0.4500%	0.7750%	13.07%	22.23%	7.56%
700℃	有	NONMAG	82.400	28.91%	20.68%	1.92%	0.1600%	0.2900%	0.3600%	0.6700%	0.9170%	0.89%	6.71%	29.90%

各精鉱産物の純分化学分析品位と不純物化学分析品位

1．レアアース関係精鉱純分品位

		精鉱産物	
		ｾﾞﾉﾀｲﾑ	ﾓﾅｻﾞｲﾄ
化学分析品位(%)	La2O3	<0.04%	11.99%
	CeO2	<0.04%	22.96%
	Pr6O11	<0.04%	2.67%
	Nb2O3	0.21%	8.32%
	Sm2O3	0.39%	1.53%
	Eu2O3	<0.04%	0.10%
	Gd2O3	1.36%	0.97%
	Tb4O7	0.41%	0.20%
	Dy2O3	3.44%	0.58%
	Ho2O3	0.82%	0.11%
	Er2O3	2.69%	0.17%
	Tm2O3	0.40%	0.05%
	Yb2O3	2.51%	0.12%
	Lu2O3	0.34%	0.05%
	Y2O5	27.10%	2.19%
	ThO2	0.26%	5.43%
	U3O8	0.62%	0.36%

2．チタン精鉱の不純物品位

精鉱産物	化学分析品位(%)		
	V2O5	Cr2O3	S
ｲﾙﾒﾅｲﾄ精鉱	0.15%	0.160%	0.018%
ﾙﾁﾙ精鉱	0.15%	0.056%	0.099%

3．ジルコン精鉱の純分品位

精鉱産物	化学分析品位(%)		
	ZrO2	HfO2	(Zr+Hf)O2
ｼﾞﾙｺﾝ精鉱1	63.50%	0.95%	64.45%
ｼﾞﾙｺﾝ精鉱2	62.68%	0.72%	63.40%

国内確認試験および鉱物研究サンプル化学分析値

産物		鉱量分布	品位 (%) TiO2	(Zr,Hf)O2	TREO	ThO2	Y2O3	La2O3	CeO2	P2O5	FeO	Fe2O3	SiO2	備考
#1ｱﾙﾒﾅｲﾄ精鉱1	0.100	34.96%	52.27%	0.051%	0.019%	0.001%	0.002%	0.003%	0.008%	0.001%	24.84%	12.25%	1.31%	国内確認試験原鉱
#1ｱﾙﾒﾅｲﾄ精鉱1	0.080	50.97%	52.30%	0.072%	0.014%	0.001%	0.001%	0.002%	0.004%	0.001%	28.07%	10.10%	1.41%	および最終産物
#1ｱﾙﾒﾅｲﾄ精鉱1	-0.080	14.07%	47.57%	0.071%	0.014%	0.001%	0.001%	0.002%	0.004%	0.001%	29.42%	13.40%	1.50%	
#1ｱﾙﾒﾅｲﾄ精鉱2	0.100	31.26%	51.46%	0.061%	0.024%	0.001%	0.003%	0.005%	0.009%	0.001%	20.93%	19.60%	1.54%	
#1ｱﾙﾒﾅｲﾄ精鉱2	0.080	52.55%	49.67%	0.072%	0.016%	0.001%	0.002%	0.003%	0.005%	0.001%	24.95%	16.72%	1.58%	
#1ｱﾙﾒﾅｲﾄ精鉱2	-0.080	16.19%	46.78%	0.072%	0.019%	0.001%	0.003%	0.004%	0.006%	0.001%	27.24%	18.01%	1.75%	
#1ｱﾙﾒﾅｲﾄ中鉱	0.100	25.46%	32.13%	0.583%	0.748%	0.003%	0.425%	0.027%	0.058%	0.329%	8.07%	19.87%	16.12%	
#1ｱﾙﾒﾅｲﾄ中鉱	0.080	54.21%	39.92%	1.204%	1.107%	0.005%	0.603%	0.046%	0.100%	0.504%	14.82%	17.13%	10.69%	
#1ｱﾙﾒﾅｲﾄ中鉱	-0.080	20.33%	37.48%	2.131%	2.109%	0.010%	1.036%	0.122%	0.235%	0.903%	19.57%	19.72%	7.97%	
#2ｱﾙﾒﾅｲﾄ精鉱1	0.100	17.31%	56.42%	0.062%	0.044%	0.002%	0.007%	0.008%	0.015%	0.001%	9.66%	23.12%	2.50%	
#2ｱﾙﾒﾅｲﾄ精鉱1	0.080	54.10%	51.72%	0.072%	0.028%	0.002%	0.004%	0.005%	0.008%	0.001%	20.42%	17.37%	3.03%	
#2ｱﾙﾒﾅｲﾄ精鉱1	-0.080	28.59%	46.24%	0.061%	0.022%	0.001%	0.002%	0.003%	0.006%	0.052%	26.31%	17.36%	2.37%	
#2ｱﾙﾒﾅｲﾄ精鉱2	0.100	24.24%	50.47%	0.112%	0.212%	0.003%	0.066%	0.021%	0.045%	0.080%	16.51%	18.57%	4.61%	
#2ｱﾙﾒﾅｲﾄ精鉱2	0.080	51.44%	49.30%	0.102%	0.204%	0.002%	0.063%	0.026%	0.054%	0.071%	7.18%	21.52%	6.80%	
#2ｱﾙﾒﾅｲﾄ精鉱2	-0.080	24.32%	45.05%	0.143%	0.358%	0.003%	0.127%	0.032%	0.068%	0.189%	24.28%	19.64%	3.07%	
ｾﾞﾉﾀｲﾄ精鉱	0.100	28.75%	12.86%	0.112%	0.840%	0.002%	0.561%	0.007%	0.016%	0.460%	4.99%	11.90%	25.93%	
ｾﾞﾉﾀｲﾄ精鉱	0.080	47.94%	22.76%	0.327%	2.295%	0.005%	1.451%	0.020%	0.043%	1.433%	6.68%	14.53%	22.02%	
ｾﾞﾉﾀｲﾄ精鉱	-0.080	23.31%	23.45%	0.082%	4.596%	0.013%	3.096%	0.042%	0.095%	3.157%	12.32%	14.25%	15.87%	
ｾﾞﾉﾀｲﾄ中鉱	0.100	56.57%	6.73%	0.286%	0.991%	0.084%	0.103%	0.206%	0.433%	0.467%	3.74%	6.42%	30.72%	
ｾﾞﾉﾀｲﾄ中鉱	0.080	33.32%	10.14%	0.713%	4.962%	0.437%	0.227%	1.070%	2.321%	1.770%	1.40%	8.11%	28.45%	
ｾﾞﾉﾀｲﾄ中鉱	-0.080	10.11%	5.57%	0.094%	20.337%	1.794%	1.013%	4.508%	9.520%	4.171%	1.00%	5.72%	23.16%	
ﾓﾅｻﾞｲﾄ精鉱	0.100	19.59%	42.50%	0.235%	11.953%	1.039%	0.503%	2.917%	5.356%	4.155%	0.93%	5.70%	21.28%	
ﾓﾅｻﾞｲﾄ精鉱	0.080	36.05%	19.85%	0.012%	31.868%	2.856%	1.359%	7.733%	14.537%	6.566%	0.48%	5.30%	18.64%	
ﾓﾅｻﾞｲﾄ精鉱	-0.080	44.35%	2.24%	0.011%	50.109%	4.126%	2.168%	12.215%	23.197%	17.112%	0.31%	2.99%	15.61%	
ﾓﾅｻﾞｲﾄ中鉱1	0.100	26.17%	25.81%	0.379%	1.312%	0.121%	0.060%	0.266%	0.582%	1.039%	1.17%	9.24%	25.68%	
ﾓﾅｻﾞｲﾄ中鉱1	0.080	58.24%	18.89%	0.186%	2.429%	0.244%	0.104%	0.527%	1.143%	0.566%	1.00%	8.36%	28.57%	
ﾓﾅｻﾞｲﾄ中鉱1	-0.080	15.59%	9.65%	0.146%	17.281%	1.472%	0.684%	3.161%	6.837%	1.041%	1.20%	8.75%	27.95%	
ﾓﾅｻﾞｲﾄ中鉱2	0.100	37.26%	26.16%	0.401%	1.293%	0.147%	0.042%	0.255%	0.554%	0.586%	1.35%	8.32%	30.38%	
ﾓﾅｻﾞｲﾄ中鉱2	0.080	52.01%	31.69%	0.768%	0.481%	0.045%	0.017%	0.097%	0.218%	0.555%	1.26%	11.00%	26.37%	
ﾓﾅｻﾞｲﾄ中鉱2	-0.080	10.73%	16.32%	0.174%	8.762%	0.823%	0.313%	1.754%	3.853%	0.274%	1.96%	10.08%	27.89%	
ﾙﾁﾙ精鉱	0.100	33.92%	61.26%	2.297%	0.218%	0.017%	0.025%	0.039%	0.068%	0.098%	0.32%	1.87%	27.64%	
ﾙﾁﾙ精鉱	0.080	53.68%	65.24%	5.164%	0.242%	0.018%	0.031%	0.037%	0.067%	0.131%	0.27%	1.72%	21.71%	
ﾙﾁﾙ精鉱	-0.080	12.40%	47.92%	15.602%	0.564%	0.051%	0.083%	0.124%	0.197%	0.327%	0.68%	2.83%	24.60%	
ﾙﾁﾙ中鉱	0.100	16.77%	54.92%	18.781%	0.277%	0.029%	0.039%	0.047%	0.082%	0.152%	0.19%	1.79%	15.48%	
ﾙﾁﾙ中鉱	0.080	49.07%	31.86%	41.475%	0.290%	0.041%	0.043%	0.062%	0.090%	0.187%	0.12%	1.36%	23.20%	
ﾙﾁﾙ中鉱	-0.080	34.15%	10.56%	53.233%	0.926%	0.098%	0.139%	0.174%	0.317%	0.811%	0.23%	1.27%	28.11%	
尾鉱2:ﾙﾁﾙ尾鉱	0.100	40.85%	19.83%	0.521%	0.072%	0.006%	0.009%	0.015%	0.028%	0.001%	0.31%	0.92%	69.25%	
尾鉱2:ﾙﾁﾙ尾鉱	0.080	44.47%	26.07%	1.166%	0.102%	0.008%	0.013%	0.020%	0.035%	0.001%	0.22%	1.72%	61.73%	
尾鉱2:ﾙﾁﾙ尾鉱	-0.080	14.69%	19.90%	6.565%	0.245%	0.023%	0.028%	0.042%	0.088%	0.084%	0.91%	2.87%	57.21%	
ｼﾞﾙｺﾝ1精鉱	0.100	7.70%	20.21%	46.716%	0.157%	0.014%	0.017%	0.024%	0.049%	0.167%	0.06%	1.00%	16.42%	
ｼﾞﾙｺﾝ1精鉱	0.080	47.34%	9.93%	56.612%	0.265%	0.025%	0.028%	0.040%	0.086%	0.233%	0.03%	0.99%	19.84%	
ｼﾞﾙｺﾝ1精鉱	-0.080	44.96%	4.31%	59.164%	1.700%	0.157%	0.127%	0.302%	0.621%	0.910%	0.08%	1.09%	19.08%	
ｼﾞﾙｺﾝ2精鉱	0.100	24.58%	37.25%	11.103%	0.285%	0.025%	0.046%	0.053%	0.100%	0.157%	0.10%	1.74%	26.41%	
ｼﾞﾙｺﾝ2精鉱	0.080	54.05%	37.36%	23.230%	0.365%	0.029%	0.050%	0.062%	0.108%	0.207%	0.10%	1.74%	26.54%	
ｼﾞﾙｺﾝ2精鉱	-0.080	21.37%	21.42%	38.252%	0.773%	0.061%	0.107%	0.125%	0.228%	0.423%	0.26%	2.59%	28.73%	
ｼﾞﾙｺﾝ中鉱	0.100	29.26%	43.10%	6.053%	0.318%	0.027%	0.042%	0.071%	0.120%	0.226%	0.22%	2.73%	35.84%	
ｼﾞﾙｺﾝ中鉱	0.080	52.71%	38.57%	3.171%	0.380%	0.027%	0.037%	0.068%	0.116%	0.143%	0.13%	1.83%	42.06%	
ｼﾞﾙｺﾝ中鉱	-0.080	18.03%	24.84%	2.745%	0.501%	0.041%	0.071%	0.105%	0.177%	0.376%	0.54%	3.12%	46.33%	
尾鉱3:ｼﾞﾙｺﾝ尾鉱	0.100	47.41%	1.61%	0.184%	0.016%	0.001%	0.002%	0.003%	0.006%	0.001%	0.10%	1.79%	94.72%	
尾鉱3:ｼﾞﾙｺﾝ尾鉱	0.080	36.13%	3.07%	0.490%	0.031%	0.002%	0.005%	0.006%	0.011%	0.001%	0.15%	1.46%	91.41%	
尾鉱3:ｼﾞﾙｺﾝ尾鉱	-0.080	16.46%	3.62%	3.021%	0.169%	0.014%	0.023%	0.030%	0.056%	0.001%	0.66%	2.76%	72.45%	
尾鉱1:磁鉄鉱	0.100	42.43%	38.12%	0.018%	0.018%	0.001%	0.002%	0.003%	0.005%	0.001%	21.36%	32.25%	1.41%	
尾鉱1:磁鉄鉱	0.080	38.30%	46.33%	0.020%	0.020%	0.001%	0.002%	0.003%	0.006%	0.001%	23.85%	22.89%	1.38%	
尾鉱1:磁鉄鉱	-0.080	19.27%	33.56%	0.052%	0.046%	0.002%	0.007%	0.008%	0.017%	0.001%	25.90%	33.47%	1.85%	
ﾃｰﾌﾞﾙ精鉱	0.100		43.45%	3.332%	0.340%	0.014%	0.063%	0.067%	0.106%	0.131%	11.46%	11.28%	16.90%	
ﾃｰﾌﾞﾙ精鉱	0.080		39.86%	11.275%	0.903%	0.025%	0.122%	0.188%	0.344%	0.376%	12.20%	9.42%	15.79%	
ﾃｰﾌﾞﾙ精鉱	-0.080		24.10%	24.623%	2.880%	0.278%	0.202%	0.525%	1.105%	0.491%	11.26%	7.72%	18.75%	
#1ｱﾙﾒﾅｲﾄ精鉱	0.100		49.06%	0.163%	0.173%	0.001%	0.079%	0.009%	0.019%	0.060%	18.76%	19.65%	4.11%	国内確認試験中間
#1ｱﾙﾒﾅｲﾄ精鉱	0.080		47.65%	0.318%	0.242%	0.001%	0.128%	0.017%	0.026%	0.121%	22.81%	16.87%	3.53%	産物および鉱物研
#1ｱﾙﾒﾅｲﾄ精鉱	-0.080		44.07%	0.577%	0.526%	0.002%	0.247%	0.031%	0.059%	0.230%	25.32%	18.44%	3.29%	究対象対象産物
ﾓﾅｻﾞｲﾄ中鉱	0.100		26.33%	0.340%	1.130%	0.094%	0.068%	0.260%	0.546%	0.840%	1.30%	8.65%	28.78%	
ﾓﾅｻﾞｲﾄ中鉱	0.080		26.52%	0.457%	1.200%	0.141%	0.068%	0.298%	0.667%	0.556%	1.10%	9.80%	28.41%	
ﾓﾅｻﾞｲﾄ中鉱	-0.080		12.27%	0.186%	12.258%	1.210%	0.553%	2.620%	5.362%	0.780%	1.56%	9.30%	27.09%	
ｼﾞﾙｺﾝ中鉱	0.100		20.25%	4.130%	0.230%	0.028%	0.039%	0.049%	0.086%	0.162%	0.16%	2.43%	54.03%	
ｼﾞﾙｺﾝ中鉱	0.080		33.45%	2.810%	0.302%	0.032%	0.033%	0.061%	0.096%	0.189%	0.15%	1.86%	50.44%	
ｼﾞﾙｺﾝ中鉱	-0.080		20.74%	2.700%	0.562%	0.024%	0.058%	0.086%	0.140%	0.237%	0.58%	3.42%	52.92%	
ﾙﾁﾙ精鉱	0.100		60.30%	7.482%	0.268%	0.031%	0.030%	0.041%	0.071%	0.131%	0.27%	1.83%	23.89%	
ﾙﾁﾙ精鉱	0.080		49.46%	21.966%	0.234%	0.028%	0.038%	0.051%	0.076%	0.185%	0.22%	1.73%	22.83%	
ﾙﾁﾙ精鉱	-0.080		24.83%	44.531%	0.936%	0.094%	0.113%	0.161%	0.292%	0.692%	0.39%	1.87%	26.21%	
ｼﾞﾙｺﾝ精鉱			3.60%	60.34%	1.600%	0.151%	0.360%	0.354%	0.677%	0.720%	0.05%	1.57%	25.81%	

計測鉱量分布一覧表

		計測鉱量			鉱量分布		
		鉱量 kg	鉱量分布 %	鉱量分布 %	鉱量 kg	鉱量分布 %	鉱量分布 %
一	原砂	20,210.500	100.0000%	100.0000%	20,210.500	100.0000%	100.0000%
次比重選鉱	精鉱	1,115.500	5.5194%	5.5194%	1,115.500	5.5194%	5.5194%
選(ｽﾊﾟｲﾗﾙ)	中鉱	954.200	4.7213%	4.7213%	954.200	4.7213%	4.7213%
鉱	尾鉱	18,140.800	89.7593%	89.7593%	18,140.800	89.7593%	89.7593%
比重選鉱	給鉱1	1,115.500	100.0000%	5.5194%	1,115.500	100.0000%	5.5194%
(ﾃｰﾌﾞﾙ)	重鉱物	162.000	14.5226%	0.8016%	162.000	14.5226%	0.8016%
	尾鉱1	953.500	85.4774%	4.7178%	953.500	85.4774%	4.7178%
	(ﾃｰﾌﾞﾙ軽鉱物)						
磁力選鉱1	給鉱2	162.000	100.0000%	0.8016%	162.000	100.0000%	0.8016%
	磁選試験試料	0.400	0.2469%	0.0020%			
	静電試験試料	0.600	0.3704%	0.0030%			
	日本試験試料	7.000	4.3210%	0.0347%			
	控え試料	3.405	2.1019%	0.0168%			
	尾鉱2	0.584	0.3605%	0.0029%	0.628	0.3877%	0.0031%
	(ﾏｸﾞﾈﾀｲﾄ)						
	非着磁物	150.011	92.5993%	0.7422%	161.372	99.6123%	0.7985%
二磁力選鉱2	給鉱3	150.011	100.0000%	0.7422%	161.372	100.0000%	0.7985%
	着磁物(精鉱1)	52.355	34.9009%	0.2590%	56.320	34.9008%	0.2787%
	非着磁物	97.656	65.0991%	0.4832%	105.052	65.0992%	0.5198%
磁力選鉱3	給鉱4	97.656	100.0000%	0.4832%	105.052	100.0000%	0.5198%
	試験試料	0.700	0.7168%	0.0035%			
	着磁物	21.320	21.8313%	0.1055%	23.100	21.9892%	0.1143%
	非着磁物	75.636	77.4519%	0.3742%	81.952	78.0108%	0.4055%
次静電選鉱1	給鉱5	21.320	100.0000%	0.1055%	23.100	100.0000%	0.1143%
	良導体	16.832	78.9512%	0.0833%	18.238	78.9524%	0.0902%
	不良導体	4.488	21.0488%	0.0222%	4.862	21.0476%	0.0241%
ｲﾙﾒﾅｲﾄ精選	給鉱6	16.832	100.0000%	0.0833%	18.238	100.0000%	0.0902%
	精鉱2	11.982	71.1858%	0.0593%	12.983	71.1865%	0.0641%
	ｲﾙﾒﾅｲﾄ中鉱	4.850	28.8142%	0.0240%	5.255	28.8135%	0.0260%
	ｲﾙﾒﾅｲﾄ精鉱	64.337		0.3183%	69.303		0.3428%
選ｾﾞﾉﾀｲﾑ精選	給鉱7	4.488	100.0000%	0.0222%	4.862	100.0000%	0.0241%
	ｾﾞﾉﾀｲﾑ精鉱	0.252	5.6045%	0.0012%	0.272	5.5944%	0.0013%
	ｾﾞﾉﾀｲﾑ中鉱	4.236	94.3955%	0.0210%	4.590	94.4056%	0.0227%
磁力選鉱4	給鉱8	75.636	100.0000%	0.3742%	81.952	100.0000%	0.4055%
	着磁物	19.740	26.0987%	0,0977%	21.388	26.0984%	0.1058%
	非着磁物	55.896	73.9013%	0.2766%	60.564	73.9016%	0.2997%
ﾓﾅｻﾞｲﾄ精選	給鉱9	19.740	100.0000%	0.0977%	21.388	100.0000%	0.1058%
鉱	ﾓﾅｻﾞｲﾄ精鉱	1.720	8.7133%	0.0085%	1.864	8.7152%	0.0092%
	ﾓﾅｻﾞｲﾄ中鉱	18.020	91.2867%	0.0892%	19.524	91.2848%	0.0966%
静電選鉱2	給鉱10	55.896	100.0000%	0.2766%	60.564	100.0000%	0.2997%
	良導体	14.842	26.5529%	0.0734%	16.081	26.5523%	0.0796%
	不良導体	41.054	73.4471%	0.2031%	44.483	73.4477%	0.2201%
ﾙﾁﾙ精選	給鉱11	14.842	100.0000%	0.0734%	16.081	100.0000%	0.0796%
	ﾙﾁﾙ精鉱	9.134	61.5416%	0.0452%	9.897	61.5447%	0.0490%
	ﾙﾁﾙ中鉱	5.708	38.4584%	0.0282%	6.184	38.4553%	0.0306%
ｼﾞﾙｺﾝ精選	給鉱12	41.054	100.0000%	0.2031%	44.483	100.0000%	0.2201%
	ｼﾞﾙｺﾝ精鉱1	9.964	24.2705%	0.0493%	10.796	24.2702%	0.0534%
	ｼﾞﾙｺﾝ精鉱2	3.640	8.8664%	0.0180%	3.944	8.8664%	0.0195%
	ｼﾞﾙｺﾝ中鉱	12.800	31.1784%	0.0633%	13.869	31.1786%	0.0686%
	尾鉱3	14.650	35.6847%	0.0725%	15.874	35.6848%	0.0786%
	(ﾃｰﾌﾞﾙ軽鉱物)						

イルメナイト精鉱は精鉱1と精鉱2を合せたもの

各産物の粒度別鉱量補正表１

産物			粒度区分	三種の鉱量平均値を基礎にした鉱量 (kg)	鉱量分布 (wt%)	二次選鉱鉱量を基礎にした鉱量 (kg)	一次選鉱鉱量を基礎にした鉱量 (kg)	原砂鉱量を基礎にした鉱量 (kg)
原砂			0.150	4,201.054	20.787%	4,101.126	4,089.082	4,412.951
			0.100	13,134.544	64.989%	13,168.300	13,158.422	13,076.908
			0.080	2,195.332	10.862%	2,311.329	2,311.106	1,963.558
			0.039	316.100	1.563%	311.430	325.133	311.741
			-0.039	363.474	1.799%	318.315	326.759	445.344
			合計	20,210.504	100.000%	20,210.500	20,210.502	20,210.502
一次選鉱	精鉱		0.150	127.592	0.631%	132.442	120.398	129.935
			0.100	651.094	3.222%	659.018	649.140	645.120
			0.080	244.226	1.208%	257.260	257.037	218.380
			0.039	68.777	0.340%	60.664	74.367	71.304
			-0.039	13.508	0.067%	6.116	14.560	19.844
			合計	1,105.197	5.468%	1,115.500	1,115.502	1,084.583
	中鉱		0.150	168.254	0.833%	163.926	163.926	176.909
			0.100	662.908	3.280%	664.280	664.280	660.165
			0.080	109.992	0.544%	115.796	115.796	98.383
			0.039	8.366	0.041%	8.482	8.482	8.133
			-0.039	1.924	0.010%	1.716	1.716	2.339
			合計	951.444	4.708%	954.200	954.200	945.929
	尾鉱		0.150	3,905.208	19.323%	3,804.758	3,804.758	4,106.107
			0.100	11,820.542	58.487%	11,845.002	11,845.002	11,771.623
			0.080	1,841.114	9.110%	1,938.273	1,938.273	1,646.795
			0.039	238.957	1.182%	242.284	242.284	232.304
			-0.039	348.042	1.722%	310.483	310.483	423.161
			合計	18,153.863	89.824%	18,140.800	18,140.800	18,179.990
二次選鉱	精鉱	イルメナイト	0.150	1.039	0.005%	1.078	0.980	1.058
			0.100	19.823	0.098%	20.064	19.763	19.641
			0.080	28.951	0.143%	30.496	30.469	25.887
			0.039	19.948	0.099%	17.595	21.569	20.681
			-0.039	0.155	0.001%	0.070	0.167	0.227
			合計	69.916	0.346%	69.303	72.948	67.494
		ジルコン1	0.150	0.002	0.000%	0.002	0.002	0.002
			0.100	0.577	0.003%	0.584	0.575	0.572
			0.080	6.753	0.033%	7.113	7.107	6.038
			0.039	3.461	0.017%	3.053	3.743	3.588
			-0.039	0.097	0.000%	0.044	0.105	0.143
			合計	10.890	0.053%	10.796	11.532	10.343
		ジルコン2	0.150	0.002	0.000%	0.002	0.002	0.002
			0.100	0.308	0.002%	0.312	0.307	0.305
			0.080	2.548	0.013%	2.684	2.682	2.278
			0.039	1.044	0.005%	0.921	1.129	1.083
			-0.039	0.055	0.000%	0.025	0.060	0.081
			合計	3.957	0.020%	3.944	4.180	3.749
		ゼノタイム	0.150	0.000	0.000%	0.000	0.000	0.000
			0.100	0.012	0.000%	0.012	0.012	0.012
			0.080	0.182	0.001%	0.192	0.192	0.163
			0.039	0.076	0.000%	0.067	0.082	0.079
			-0.039	0.002	0.000%	0.001	0.002	0.003
			合計	0.272	0.001%	0.272	0.288	0.257
		モナザイト	0.150	0.000	0.000%	0.000	0.000	0.000
			0.100	0.082	0.000%	0.083	0.082	0.081
			0.080	1.066	0.005%	1.123	1.122	0.953
			0.039	0.731	0.004%	0.645	0.791	0.758
			-0.039	0.029	0.000%	0.013	0.031	0.042
			合計	1.908	0.009%	1.864	2.026	1.834

各産物の粒度別鉱量補正表２

産物			粒度区分	三種の鉱量平均値を基礎にした鉱量 (kg)	鉱量分布 (wt%)	二次選鉱鉱量を基礎にした鉱量 (kg)	一次選鉱鉱量を基礎にした鉱量 (kg)	原砂鉱量を基礎にした鉱量 (kg)
二次選鉱	精鉱	ルチル	0.150	0.391	0.002%	0.406	0.369	0.398
			0.100	2.175	0.011%	2.201	2.168	2.155
			0.080	6.150	0.030%	6.478	6.472	5.499
			0.039	0.912	0.005%	0.804	0.986	0.945
			-0.039	0.018	0.000%	0.008	0.019	0.026
			合計	9.646	0.048%	9.897	10.014	9.023
	中鉱	イルメナイト	0.150	0.116	0.001%	0.120	0.109	0.118
			0.100	1.661	0.008%	1.681	1.656	1.646
			0.080	2.692	0.013%	2.836	2.834	2.407
			0.039	0.674	0.003%	0.595	0.729	0.699
			-0.039	0.051	0.000%	0.023	0.055	0.075
			合計	5.194	0.025%	5.255	5.383	4.945
		ジルコン	0.150	0.055	0.000%	0.057	0.052	0.056
			0.100	4.134	0.020%	4.184	4.121	4.096
			0.080	7.975	0.039%	8.400	8.393	7.131
			0.039	1.358	0.007%	1.198	1.469	1.408
			-0.039	0.066	0.000%	0.030	0.071	0.097
			合計	13.588	0.066%	13.869	14.106	12.788
		ゼノタイム	0.150	0.253	0.001%	0.263	0.239	0.258
			0.100	1.420	0.007%	1.437	1.415	1.407
			0.080	2.258	0.011%	2.379	2.377	2.019
			0.039	0.563	0.003%	0.497	0.609	0.584
			-0.039	0.031	0.000%	0.014	0.033	0.045
			合計	4.525	0.022%	4.590	4.673	4.313
		モナザイト	0.150	0.380	0.002%	0.394	0.358	0.387
			0.100	6.073	0.030%	6.147	6.055	6.017
			0.080	10.300	0.051%	10.850	10.841	9.210
			0.039	2.321	0.011%	2.047	2.509	2.406
			-0.039	0.190	0.001%	0.086	0.205	0.279
			合計	19.264	0.095%	19.524	19.968	18.299
		ルチル	0.150	0.040	0.000%	0.042	0.038	0.041
			0.100	1.337	0.007%	1.353	1.333	1.324
			0.080	3.550	0.018%	3.739	3.736	3.174
			0.039	1.154	0.006%	1.018	1.248	1.197
			-0.039	0.071	0.000%	0.032	0.076	0.104
			合計	6.152	0.031%	6.184	6.431	5.840
	尾鉱	尾鉱1	0.150	124.381	0.615%	129.110	117.369	126.665
			0.100	604.715	2.992%	612.076	602.902	599.167
			0.080	166.603	0.824%	175.494	175.341	148.973
			0.039	35.240	0.174%	31.082	38.103	36.534
			-0.039	12.672	0.063%	5.738	13.660	18.618
			合計	943.611	4.668%	953.500	947.375	929.957
		尾鉱2	0.150	0.118	0.001%	0.122	0.111	0.120
			0.100	0.153	0.001%	0.155	0.153	0.152
			0.080	0.030	0.000%	0.032	0.032	0.027
			0.039	0.356	0.002%	0.314	0.385	0.369
			-0.039	0.011	0.000%	0.005	0.012	0.016
			合計	0.668	0.004%	0.628	0.693	0.684
		尾鉱3	0.150	0.815	0.004%	0.846	0.769	0.830
			0.100	8.624	0.043%	8.729	8.598	8.545
			0.080	5.168	0.026%	5.444	5.439	4.621
			0.039	0.939	0.005%	0.828	1.015	0.973
			-0.039	0.060	0.000%	0.027	0.064	0.088
			合計	15.606	0.078%	15.874	15.885	15.057

イルメナイト精鉱の分割は鉱量比で計算するものとしてこの表では省略した。