Table 13. Flotation concentrate purification testing by Corem

Sample #	Sample description	Al	Ca	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	Si	Ti	Zn	Carbon	Ashes	Sulfur
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%
135198-1	Graphite Lomiko (initial product)	1940	1440	<5	5	17	1710	403	833	13	15	183	<5	3800	39	11	98.4	1.6	0.056
135200-1	+ 48 Mesh	1040	1000	6	<1	20	1680	<150	468	8	5	<150	6	2430	68	8	98.8	1.2	0.050
135200-2	+ 65 Mesh	1180	764	<5	3	21	1560	171	610	9	7	<150	8	2520	39	8	98.7	1.3	0.042
135200-3	+ 100 Mesh	1310	693	<5	1	43	1750	239	751	10	7	151	19	2660	33	9	98.7	1.2	0.045
135200-4	+ 150 Mesh	1440	751	23	7	17	1730	163	849	12	10	<150	9	2830	29	14	98.5	1.5	0.046
135200-5	+ 200 Mesh	1660	883	<5	6	23	1790	254	930	15	18	214	20	3600	33	29	98.3	1.7	0.069
135200-6	- 200 Mesh	3890	3390	<5	10	37	2440	404	1200	23	41	379	9	6950	38	24	96.4	3.4	0.145
135203-1	Test 1 (alkaline leach product)	1720	1310	<5	4	15	1530	202	808	14	6	178				)	98.4	1.6	0.026
135203-2	Test 1 (aklaline leach + acid leach product)	480	68	<5	2	1	178	<150	85	<5	4	<150				<5	99.0	1.0	0.023
135204-1	+ 48 Mesh	288	94	<5	<1	28	152	<150	43	<5	3	<150				<5	99.3	0.6	0.014
135204-2	+ 65 Mesh	346	71	<5	<1	28	165	<150	80	<5	4	<150					99.5	0.5	0.013
135204-3	+ 100 Mesh	387	58	<5	1	18	127	<150	111	<5	4	<150				<5	99.3	0.7	0.013
135204-4	+ 150 Mesh	390	47	<5	<1	5	98	<150	106	<5	4	<150	<5			<5	99.3	0.7	0.013
135204-5	+ 200 Mesh	501	60	<5	8	6	177	<150	105	<5	7	<150	.	----	--	-	99.3	0.7	0.021
135204-6	- 200 Mesh	836	156	<5	5	21	345	320	123	<5	9	249	5	5860	10	10	98.6	1.4	0.048
135206-1	Test 2 (caustic bake product)	124	817	<5	18	5	1700	<150	765	12	<2	<150				<5	99.3	0.7	<0.005
135206-2	Test 2 (caustic bake + acid leach product)	17	<20	<5	<1	4	22	<150	<10	<5	<2	<150	<5		<1	<5	100.0	<0.1	<0.005
135207-1	+ 48 Mesh	8	<20	<5	2	4	78	<150	30	<5	<2	<150	<5		<1	<5	100.0	<0.1	<0.005
135207-2	+ 65 Mesh	10	<20	<5	2	2	38	<150	58	<5	<2	<150	<5	280	<1	<5	100.0	<0.1	0.007
135207-3	+ 100 Mesh	9	<20	<5	5	3	24	<150	14	<5	<2	<150	<5	294	<1	<5	100.0	<0.1	0.005
135207-4	+ 150 Mesh	12	<20	<5	4	3	58	<150	19	<5	<2	156	<5	335	<1	<5	100.0	<0.1	<0.005
135207-5	+ 200 Mesh	10	<20	<5	2	2	50	<150	25	<5	<2	192	<5	416	<1	<5	100.0	<0.1	<0.005
135207-6	- 200 Mesh	31	<20	<5	4	2	63	<150	27	<5	<2	213	<5	726	<1	<5	99.9	<0.1	0.006