

Table 11 LOI/Fixed Carbo on purified test work samples

Grade	unit	Lomiko +80	Lomiko +80		Lomiko -100	Lomiko -100
Size (micro meter)	µm	+180	+180		+180	-150
Size (mesh)	mesh	+80	+80		+80	-100
Method		alkaline	acid		alkaline	acid
Element						
Ag	ppm	<0.1	<0.1		<0.1	<0.1
Al	ppm	8	29		12	39
Ba	ppm	<0.3	3		158	265
Bi	ppm	<0.3	<0.2		<0.4	<0.4
Ca	ppm	8	22		10	23
Cd	ppm	<0.1	<0.1		<0.1	<0.1
Co	ppm	<0.1	0		0	0
Cr	ppm	0	0		1	1
Cu	ppm	0	7		1	8
Fe	ppm	16	254		28	331
K	ppm	<2.7	8		<4.1	7
Mg	ppm	4	16		6	18
Mn	ppm	0	0		0	0
Mo	ppm	1	7		1	29
Na	ppm	80	6		144	13
Ni	ppm	5	1		45	1
P	ppm	1	2		1	2
Pb	ppm	<0.2	1		<0.4	1
Si	ppm	30	75		45	89
Sn	ppm	<0.2	<0.2		<0.3	2
Sr	ppm	<0.1	<0.1		1	3
Ti	ppm	1	2		1	4
V	ppm	0	0		0	0
W	ppm	<0.2	1		<0.3	2
Zn	ppm	0	1		0	11
Zr	ppm	6	56		7	26
Ash	%	0.04	0.08		0.11	0.13