

<b>XRF Report</b>
<b>Project No. 10390</b>

**Quantitative Analysis**

	Na <sub>2</sub> O mass%	MgO mass%	Al <sub>2</sub> O <sub>3</sub> mass%	SiO <sub>2</sub> mass%	P <sub>2</sub> O <sub>5</sub> mass%	SO <sub>3</sub> mass%	K <sub>2</sub> O mass%	CaO mass%	TiO <sub>2</sub> mass%	V <sub>2</sub> O <sub>5</sub> mass%	Cr <sub>2</sub> O <sub>3</sub> mass%	MnO mass%	Fe <sub>2</sub> O <sub>3</sub> mass%	ZnO mass%	SrO mass%	ZrO <sub>2</sub> mass%	BaO mass%
Quadrat 1	0.4	1	9	39	0.1	1.0	1.3	23	0.6	0.01	0.05	0.7	22	0.6	0.034	0.034	0.2
Quadrat 6	0.5	1	6	43	0.1	0.5	1.6	17	0.3	0.01	0.01	0.3	26	0.2	0.025	0.035	0.09

Note 1: Quantitative analysis was conducted using the Fluxana Raw calibration application.

Note 2: Lithium Borates (50:50) was used as the flux in the bead-making process. The sample to flux ratio was 1:10.

Note 3: All samples were fired in a muffle furnace prior to bead making. The furnace temperature was 900°C, the heating rate was 3°C/min and the hold time was 5 hrs.

Note 4: XRF results are reported on an ignited basis.

Note 5: Blank cells in the quantitative analysis results table represent zero values.