

Concentrations of major oxides in rock samples collected from NCZGRS in Asheboro, NC

Sample ID	CH-1-73.5	CH-1-127	CH-1-182	CH-2-56.5	CH-2-93	CH-3-120	CH-3-169	MW-2D-240			
Sample Description	Mafic metavolcanic	Felsic metatuff	Felsic metatuff	Felsic metatuff	Felsic metatuff	Felsic metatuff	Felsic metatuff	Felsic metatuff	<b>Granite**</b>	<b>Pyroxene Gabbros**</b>	
<b>WDXRF*** (%)</b>	<b>SiO2</b>	40.3	73.3	77.0	77.6	73.0	69.8	73.4	72.1	72.08	50.78
	<b>Al2O3</b>	16.6	13.3	12.2	11.1	13.6	14.8	13.5	13.9	13.86	15.68
	<b>FeTO3*</b>	11.1	2.64	2.60	2.08	2.63	3.59	2.74	2.72		
	<b>MgO</b>	8.48	0.64	0.53	0.50	0.58	0.82	0.61	0.58	0.52	8.35
	<b>CaO</b>	9.79	2.26	2.03	2.33	1.80	3.37	2.25	2.51	1.33	10.85
	<b>Na2O</b>	2.02	3.64	1.41	3.79	3.87	4.22	3.63	3.83	3.08	2.14
	<b>K2O</b>	2.94	2.29	3.13	0.79	2.53	1.80	2.31	2.43	5.46	0.56
	<b>TiO2</b>	0.82	0.41	0.38	0.30	0.41	0.53	0.44	0.44	0.37	1.13
	<b>P2O5</b>	0.19	0.15	0.17	0.15	0.16	0.20	0.16	0.16	0.18	0.48
	<b>MnO</b>	0.32	0.10	0.08	0.09	0.10	0.14	0.10	0.10	0.06	0.18
	<b>LOI</b>	10.6	1.26	1.11	0.97	1.12	0.49	0.70	0.86		
<b>CO2 &amp; S</b>	<b>CO2</b>	6.75	0.51	<0.04	0.37	0.11	<0.04	<0.04	0.18		
	<b>CO2-C</b>	1.84	0.14	<0.01	0.10	0.03	<0.01	<0.01	0.05		
	<b>Total S</b>	<0.05	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05		
<b>C_F_ISE F, ppm</b>	870	320	330	240	400	400	340	310			
<b>C_FeO Titr FeO, %</b>	8.58	1.42	1.16	1	1.32	1.94	1.16	1.2	1.67	7.41	
<b>C_Tot H2O H2O_Minus, %</b>	0.3	0.1	0.1	0.1	0.1	0.1	<0.1	<0.1			
<b>C_Tot H2O H2O_Plus, %</b>	4.1	0.7	0.8	0.6	0.6	0.6	0.5	0.5			
<b>C_Tot H2O Total_H2O, %</b>	4.4	0.8	0.9	0.7	0.7	0.7	0.6	0.6			

\* Total Fe reported as Fe2O3; \*\* Ehlers and Blatt, 1982; \*\*\*Wavelength Dispersive X-Ray Fluorescence.