

TABLE 27.—BULK-ROCK ANALYSES OF SANDY CREEK GABBRO  
(From Alipouraghtapeh, 1979)

<u>Wt %</u>	<u>WC-108(372,385)</u>	<u>WC-16(252,254)</u>	<u>WC13(153)</u>	<u>WC15((153)</u>	<u>WC11(251)</u>	<u>WC12(251)</u>
SiO <sub>2</sub>	45.5	47.9	45.5	45.6	46.1	46.0
TiO <sub>2</sub>	1.36	1.47	1.55	1.31	1.01	1.22
Al <sub>2</sub> O <sub>3</sub>	17.50	16.80	16.2	18.0	18.6	17.39
FeO	10.00	8.60	12.0	10.0	8.9	10.6
MgO	13.40	10.40	11.0	11.4	.07	.05
MnO	.05	.04	.08	.08	11.6	4.54
CaO	9.00	9.69	8.8	9.8	9.6	12.0
Na <sub>2</sub> O	1.74	2.53	1.93	2.55	2.36	2.10
K <sub>2</sub> O	.47	.55	.67	.44	.41	.45
P <sub>2</sub> O <sub>5</sub>	.20	.72	.64	.33	.46	.38
<u>ppm</u>						
Cu	140	87	54	195	154	147
Cr	152	127	115	171	165	128
Zn	87	90	100	87	80	93
Pb	15	20	20	20	10	20
Ni	122	83	88	109	105	114
Ba	190	140	110	70	110	50
Sr	282	350	379	359	338	324
Rb	4	5	2	7	2	nd
V	140	200	190	160	150	160
<u>Mode</u>						
plagioclase		45	40	45	53	40
olivine		20	25	27	20	28
clinopyroxene		27	27	20	15	24
orthopyroxene		tr	tr	tr	tr	tr
opaque		5	3	5	7	5
biotite		3	5	3	5	2
others		tr	tr	tr	tr	tr