

TABLE III.—Chemical Analyses from Red Hill Complex.

Specimen Number	10967	10974	10979	10956	11004	11010
SiO <sub>2</sub>	44.1	43.1	43.2	43.2	49.2	47.4
TiO <sub>2</sub>	—	—	—	—	1.68	0.46
Al <sub>2</sub> O <sub>3</sub>	0.7	1.5	12.2	36.3	14.1	14.8
Fe <sub>2</sub> O <sub>3</sub>	0.4	1.4	0.8	0.3	1.6	2.9
FeO	7.5	7.4	5.1	0.15	10.5	8.5
MnO	0.13	0.11	0.1	70ppm	0.13	0.23
MgO	44.4	42.8	25.6	<0.1	6.1	9.7
CaO	0.7	1.8	9.4	20.1	10.4	14.3
Na <sub>2</sub> O	0.1	0.1	1.1	0.35	3.8	1.1
K <sub>2</sub> O	0.1	0.1	0.1	—	0.15	0.1
H <sub>2</sub> O <sup>-</sup>	0.05	0.15	0.1	0.1	0.05	0.1
H <sub>2</sub> O <sup>+</sup>	0.1	0.8	1.75	0.5	1.75	0.4
P <sub>2</sub> O <sub>5</sub>	0.03	0.05	0.01	0.00	0.20	0.7
Cr	400ppm	300ppm	3500ppm	10ppm	70ppm	100ppm
Ni	4500ppm	4000ppm	4000ppm	5ppm	50ppm	70ppm
Co	100ppm	150ppm	100ppm	10ppm	15ppm	30ppm
V	50ppm	70ppm	70ppm	5ppm	250ppm	400ppm
Ti	30ppm	100ppm	350ppm	30ppm	—	—
Mo	2ppm	2ppm	2ppm	2ppm	2ppm	2ppm
Cu	20ppm	50ppm	150ppm	10ppm	50ppm	100ppm
Total	99.47	100.16	100.38	101.00	99.66	99.96

10967: Protoclastic harzburgite of Basal Zone

10974: Feldspathic harzburgite near base of Upper Zone

10979: Olivine eucrite near top of Upper Zone

10956: Anorthite from feldspar vein cutting harzburgite low in Upper Zone

11004: Hornblende microgabbro (mafic dykes)

11010: Pyroxene microgabbro (mafic dykes)

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