

TABLE 4.—*Composition of very fine grained sandstones, very coarse grained sandstones, and pebble conglomerates taken from the measured section on Houghton Ridge*
 [Specimen numbers indicate relative position with lowest number lowest in section. See plate 1 for locations]

Specimen No.	Very fine grained sandstones						Very coarse grained sandstones						Pebble conglomerates				
	4	6	7	11	13	28	12	15	18	22	24	27	5	16	30	31	32
MV	0.3	0.6	0.9	Trace	0.9	0.0	30.7	36.9	35.5	35.6	23.9	21.7	22.7	34.3	28.2	22.9	29.4
FV .....	.9	.6	.9	0.9	.6	.0	31.8	38.8	31.7	33.6	24.2	39.6	43.7	39.9	37.2	21.9	34.6
SF	4.2	.3	.0	Trace	.0	.0	.0	.9	.6	.9	1.6	Trace	.9	.3	1.9	3.5	.3
MF .....	.0	.0	.3	.0	Trace	.0	.6	Trace	2.3	Trace	.6	.3	.9	.3	1.3	1.3	Trace
UQ	46.2	39.7	42.3	36.5	32.4	28.1	4.8	3.5	3.9	4.5	4.5	1.6	1.9	2.9	4.2	6.1	4.2
UnQ	21.6	16.2	18.8	24.2	23.2	11.9	4.8	1.6	1.9	1.3	2.9	1.9	.9	.6	1.3	3.5	1.3
PQ .....	.6	.6	.6	.0	.9	.0	.3	.6	.9	.6	1.6	1.3	1.3	1.9	.6	1.3	.9
PF	4.8	15.5	12.9	23.3	18.5	22.9	1.6	1.6	.9	.9	3.9	4.5	7.1	.6	1.6	2.9	1.9
PIF	5.5	8.4	5.2	5.5	6.1	20.6	9.0	11.6	5.4	6.8	10.0	2.3	2.9	5.9	1.9	2.9	4.5
O	6.6	6.8	8.1	5.2	5.8	6.6	6.1	2.3	1.3	5.2	7.1	1.6	1.3	1.6	.9	8.1	7.1
Ca	6.1	6.8	5.5	1.9	8.4	4.5	9.4	1.3	15.3	9.7	17.1	22.3	14.8	9.8	19.0	23.3	14.2
Other	3.2	4.5	4.5	3.5	3.2	5.4	.9	.9	.3	.9	2.6	2.9	1.6	1.9	1.9	2.3	1.6

NOTE.—Abbreviations:

MV. mafic volcanic rock fragments
 FV. felsic volcanic rock fragments
 SF. sedimentary rock fragments (shale and sandstones)
 MF. metamorphic rock fragments

UQ. unstrained quartz grains
 UnQ. undulatory quartz grains
 PQ. polycrystalline quartz grains
 PF. potassium feldspar grains

PIF. plagioclase grains
 O. opaque grains
 Ca. Calcite cement
 Others. epidote, pyroxene, zeolites