

**Table 1. Results from Point Counts (1 of 5)**

Oriflamme Canyon pluton															Rattlesnake Valley pluton			
Sample <sup>1</sup>	CBT-1-09		CBT-1-09		OF-15-05		OF-04-05		OF-8-05		OF-14-05		OF-12-05		OF-06-05		CBT 2A-09	
Mineral	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>
Quartz	41.3	12	33.3	10	17	51	35.6	10	48.3	14	27.6	83	24.6	74	28.3	85	19.2	55
K-feldspar	7.3	22	18.3	55	20	60	19.3	58	5.3	16	10.3	31	12	36	15	45	23.5	67
Plagioclase	40.6	12	34.6	10	51	15	27.3	82	28.3	85	44.3	13	49.6	14	46.6	14	48	137
Biotite	10.0	30	12.6	38	12	36	15.3	46	12.6	38	16	48	12.6	38	7.6	23	0	0
Muscovite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	1	8	23
Garnet	0	0	0	0	0	0	0	0	0	0	0	0	0.6	2	0	0	0.3	1
Hematitic stain	0.3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	1
Opaque	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hornblende	0	0	0	0	0	0	2.3	7	5.3	16	1.6	5	0.3	1	2	6	0	0
Chlorite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Locations provided in Table 2

<sup>2</sup> Number of points counted

**Table 1. Results from Point-Counts (continued 2 of 5)**

Rattlesnake Valley pluton																		
Sample <sup>1</sup>	CBT-2A-09		CBT 2B-09		CBT 3-09		CBT 4-09		CBT 5-09		CBT-6-09		CBT 7-09		CBT-8-09		CBT 9-09	
Mineral	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>
Quartz	23.3	70	28.9	83	43	129	30.3	91	31.3	94	43	129	22.6	68	37.3	112	37	111
K-feldspar	26.3	79	21.2	61	15.3	46	23	69	21.3	64	15.3	46	26.3	79	20.6	62	19	57
Plagioclase	42.3	127	39.3	113	29.3	88	36.6	110	41.0	123	29.3	88	40.3	121	33.3	100	35.6	107
Biotite	0	0	2.7	8	2	6	2.6	8	1	3	2	6	2	6	1.6	5	1	3
Muscovite	7	21	6.6	19	10	30	6.6	20	5	15	10	30	8	24	6.3	19	7	21
Garnet	0.3	1	0.3	1	0	0	0.6	2	0	0	0	0	0.6	2	0.6	2	0.3	1
Hematitic stain	0.3	1	0.6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opaque	0.3	1	0	0	0.3	1	0	0	0	0	0.3	1	0	0	0	0	0	0
Hornblende	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlorite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Locations provided in Table 2

<sup>2</sup>number of points counted

**Table 1. Results from Point-Counts (continued 3 of 5)**

Rattlesnake Valley pluton																		
Sample <sup>1</sup>	CBT 9-09		CBT-10-09		CBT-11-09		CBT-12-09		CBT-14-09		CBT-15-09		CBT-16-09		CBT-17-09		CBT-20-09	
Mineral	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>
Quartz	31.6	95	35.3	106	44.6	134	25.3	76	37	111	39	117	27.7	101	32.3	97	48.3	145
K-feldspar	25	75	16.6	50	18	54	16.3	49	12.6	38	20.3	61	36.4	27	22	66	12.3	37
Plagioclase	29.6	89	36.3	109	34	102	52	156	45.6	137	34.6	104	9.7	76	34.3	103	27.3	82
Biotite	1.6	5	0.3	1	0	0	1	3	0	0	0.3	1	27.4	7	0.6	2	1.6	5
Muscovite	10.3	31	10.6	32	3.3	10	5.3	16	4.6	14	5.3	16	2.5	62	9.6	29	9.6	29
Garnet	0.6	2	0.3	1	0	0	0	0	0	0	0	0	22.3	4	1	3	0.6	2
Hematitic stain	1	3	0	0	0	0	0	0	0	0	0	0	1.4	0	0	0	0	0
Opaque	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hornblende	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlorite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Locations provided in Table 2

<sup>2</sup> number of points counted

**Table 1. Results from Point-Counts (continued 4 of 5)**

Rattlesnake Valley pluton																		
Sample <sup>1</sup>	CBT-22-09		CBT-23-09		CBT-24-09		CBT-25-09		CBT-26-09		CBT-31-09		KC-2		BT-1		MS-1	
Mineral	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>
Quartz	30.3	91	25.1	111	40.3	121	30.6	92	30.3	91	33.6	101	45.6	137	45.3	136	35	105
K-feldspar	16	48	44.2	32	17.6	53	22.3	67	25.6	77	22.6	68	9	27	13.6	41	21.6	65
Plagioclase	40.6	122	12.7	74	35	105	40.6	122	36.3	109	33.6	101	36.3	109	31.3	94	33.3	100
Biotite	3	9	29.4	7	1	3	2	6	1	3	0.6	2	6.3	19	4.6	14	1	3
Muscovite	10	30	2.7	23	5.3	16	3.3	10	5.6	17	9	27	2.6	8	5	14	8	24
Garnet	0	0	9.1	0	0.6	2	1	3	1	3	0.3	1	0	0	0	0	1	3
Hematitic stain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opaque	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hornblende	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlorite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Locations provided in Table 2<sup>2</sup> number of points counted

**Table 1. Results from Point-Counts (continued 5 of 5)**

Rattlesnake Valley pluton																
Sample <sup>1</sup>	JV-1		JJ-2		SP-1		LP-526-2		BT-3		LP-527-1		LP-526-5		RM-2	
Mineral	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>	%	ct <sup>2</sup>
Quartz	40.6	122	27.6	83	20.3	61	33.3	100	30.6	2	27.6	83	22.6	68	31.6	95
K-feldspar	16	48	21.6	65	10	30	13	39	17	51	23	69	31	93	11.6	35
Plagioclase	35.6	107	39.6	119	55.6	167	43.3	130	39.3	118	35	105	37.6	113	45.3	136
Biotite	1.3	4	1.6	5	11.3	34	6.6	20	9.3	28	10.3	31	0.3	1	9.6	29
Muscovite	6	18	8	24	2.3	7	3	9	3.6	11	4	12	7.3	22	0.6	2
Garnet	0.3	1	1.3	4	0.3	1	0.6	2	0	0	0	0	1	3	0	0
Hematitic stain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Opaque	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hornblende	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chlorite	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3

<sup>1</sup>Locations provided in Table 2<sup>2</sup>number of points counted