

Comment	18.5 Plag 1	18.5 Plag 2	18.5 Plag 3	18.5 Plag 4	18.5 Plag 5	18.5 Plag 7	18.5 Plag 8
Na2O	3.316	2.8978	2.4362	6.6659	0.7444	6.6331	2.0265
Al2O3	30.5879	31.1796	31.7223	26.3885	35.0887	26.2842	32.2557
SiO2	50.7143	49.4406	48.632	57.7382	44.3351	57.3795	47.0762
CaO	14.558	15.302	16.0067	8.7708	18.9749	8.7727	16.6439
K2O	0.0603	0.0607	0.0487	0.198	0.0054	0.2065	0.0268
SrO	0.0304	0.0352	0.0508	0.0361	0.03	0.0447	0.0273
TiO2	0.0226	0.0293	0.0221	0.0018	0.0081	0.0066	0.0092
MnO	-0.0136	0.0119	-0.0025	0.0324	0.0058	-0.0068	0.0054
MgO	0.0669	0.075	0.1279	0.0156	0.007	0.0129	0.1033
FeO	0.7392	0.7365	0.7596	0.264	0.4744	0.2718	0.7108
Total	100.0819	99.7686	99.8039	100.1114	99.6736	99.6054	98.8851

Comment	18.5 Plag 9	18.5 Plag 10	18.5 Plag 11	18.5 Plag 12	18.5 Plag 13	23A.1 Plag 14	23A.1 Plag 15
Na2O	2.335	3.5706	3.2727	1.9805	1.0758	6.8233	1.8772
Al2O3	32.4269	30.4817	31.0896	32.4459	34.6528	26.7787	33.094
SiO2	48.0372	51.0004	50.2565	47.4187	45.0432	58.1097	46.9302
CaO	16.088	14.0771	14.8428	16.6136	18.5149	8.6117	17.1635
K2O	0.0439	0.0846	0.0628	0.0312	0.0143	0.1613	0.0888
SrO	0.0292	0.0351	0.048	0.0403	0.0287	0.0658	0.0841
TiO2	0.0174	0.0196	0.0271	0.0168	0.014	0.0048	0.0214
MnO	-0.0128	-0.0037	0.0176	0.0025	0.0344	0.0228	0.007
MgO	0.0538	0.0598	0.0628	0.0509	0.028	0.0111	0.0836
FeO	0.6809	0.6601	0.6876	0.6843	0.5739	0.2798	0.8136
Total	99.6993	99.9853	100.3676	99.2846	99.9799	100.8691	100.1634

Comment	23A.1 Plag 16	23A.1 Plag 17	23A.1 Plag 18	23A.1 Plag 19	23A.1 Plag 20	23A.1 Plag 21	23A.1 Plag 22
Na2O	6.5385	1.2239	2.7974	0.9696	3.3197	4.0068	1.3179
Al2O3	27.0024	34.0777	31.8109	34.6498	30.5713	30.3385	34.0231
SiO2	58.2862	45.7826	49.3479	45.4411	50.2613	51.6431	45.8019
CaO	9.004	17.9633	15.5962	18.7912	14.4016	13.1362	17.9883
K2O	0.1599	0.0364	0.0615	0.0267	0.0963	0.0797	0.074
SrO	0.0533	0.0657	0.0622	0.0473	0.0644	0.0436	0.0895
TiO2	0.0075	0.0132	0.0223	0.0111	0.0322	0.0134	0.0196
MnO	-0.01	0.0223	-0.0062	0.0055	0.0345	-0.0176	0.024
MgO	0.0172	0.0861	0.0798	0.0667	0.0832	0.031	0.0665
FeO	0.291	0.6456	0.8291	0.6542	0.735	0.4774	0.7346
Total	101.35	99.9169	100.6012	100.6632	99.5994	99.7521	100.1393

Comment	23A.1 Plag 23	23A.1 Plag 24	19.1 Plag 25	19.1 Plag 26	19.1 Plag 27	19.1 Plag 28	19.1 Plag 29
Na2O	5.9884	6.4271	6.3127	3.3401	5.5778	2.5582	2.9695
Al2O3	27.6943	26.8282	27.0067	31.2906	27.7146	32.4879	31.5655
SiO2	56.2246	57.599	57.2444	50.2397	55.8115	48.8406	49.8402
CaO	10.1251	9.2248	9.132	14.5701	10.592	15.6463	15.2207
K2O	0.128	0.2041	0.5355	0.0631	0.1668	0.0583	0.0731
SrO	0.0689	0.0386	0.095	0.0712	0.0586	0.046	0.0473
TiO2	0.0053	0.0116	0.0068	0.0226	0.0328	0.0097	0.0322
MnO	0.0221	-0.0045	0.0157	0.0268	-0.0146	0.0125	-0.003
MgO	0.0184	0.021	0.0078	0.0742	0.0565	0.0363	0.1359
FeO	0.3194	0.3497	0.2308	0.6398	0.5197	0.5478	0.9237

Total	100.5943	100.6996	100.5873	100.3383	100.5155	100.2437	100.8051
-------	----------	----------	----------	----------	----------	----------	----------

Comment	19.1 Plag 1	4.2 Plag 1	4.2 Plag 2	4.2 Plag 3	4.2 Plag 4	4.2 Plag 5	4.2 Plag 6
Na2O	1.8668	2.5749	7.0999	1.714	2.5934	6.1005	2.3327
Al2O3	33.5889	31.8259	25.5573	33.4068	32.3063	26.8448	32.5492
SiO2	46.9218	48.5858	58.9186	46.7061	48.999	56.1357	47.941
CaO	17.1129	15.6882	7.6318	17.2835	15.8711	9.5613	16.3042
K2O	0.0353	0.0323	0.7323	0.0762	0.0602	0.2091	0.0506
SrO	0.0277	0.0467	0.0789	0.0955	0.0475	0.0629	0.0431
TiO2	0.0148	0.0177	0.0034	0.0234	0.0105	0.0108	0.0139
MnO	-0.0012	0.0218	0.0023	-0.0187	0.0081	-0.0118	-0.0106
MgO	0.0316	0.1442	0.0069	0.0761	0.0447	0.0217	0.0397
FeO	0.5706	0.7362	0.2483	0.7291	0.591	0.3538	0.6325
Total	100.1693	99.6736	100.2796	100.092	100.5318	99.2888	99.8962

Comment	4.2 Plag 7	4.2 Plag 8	4.2 Plag 10	4.2 Plag 11	21.1 Plag 1	21.1 Plag 2	21.1 Plag 3
Na2O	7.6067	6.0063	7.6617	1.4432	2.3172	4.3602	1.8519
Al2O3	24.8859	27.0609	24.5807	33.6839	33.0966	29.0139	32.8913
SiO2	59.6528	56.5138	60.3239	45.8828	47.7641	52.886	46.8591
CaO	6.8514	9.4798	6.5922	17.6115	16.3882	12.6384	17.0572
K2O	0.7792	0.5684	0.8746	0.0102	0.0146	0.0793	0.0747
SrO	0.0627	0.1019	0.0844	0.038	0.0434	0.062	0.0944
TiO2	0.004	0.0063	-0.0025	0.018	0.0174	0.0213	0.0228
MnO	-0.0064	0.0108	0.0121	-0.0154	0.011	0.0092	0.0055
MgO	0.0048	0.0097	0.0053	0.0767	0.0201	0.0566	0.0974
FeO	0.2619	0.3353	0.2271	0.8082	0.4512	0.639	0.7119
Total	100.103	100.0933	100.3596	99.5571	100.124	99.7659	99.6662

Comment	21.1 Plag 4	21.1 Plag 5	21.1 Plag 6	21.1 Plag 7	21.1 Plag 8	21.1 Plag 9	21.1 Plag 10
Na2O	2.734	3.7157	5.2458	5.6973	0.8132	5.1319	2.681
Al2O3	31.6565	29.8696	28.5034	27.8035	34.6292	28.3846	31.8227
SiO2	48.9398	51.5428	54.2117	55.5296	44.6158	54.4455	48.351
CaO	15.6449	13.6623	11.2622	10.6482	18.8757	11.403	15.7205
K2O	0.0665	0.0684	0.1721	0.0795	0.0079	0.108	0.1259
SrO	0.0484	0.0344	0.0514	0.0376	0.0306	0.059	0.1058
TiO2	0.0111	0.0262	0.0219	0.0061	0.0108	0.0158	0.0429
MnO	-0.0098	0.0079	0.0043	-0.0024	-0.0029	0.0175	-0.0029
MgO	0.0426	0.078	0.0483	0.0179	0.0371	0.0322	0.0756
FeO	0.5753	0.8278	0.5007	0.3287	0.6722	0.4684	0.7202
Total	99.7093	99.8331	100.0217	100.1461	99.6896	100.0658	99.6429

Comment	21.1 Plag 1	21.2 Plag 1	21.2 Plag 2	21.2 Plag 3	21.2 Plag 4	21.2 Plag 4	21.2 Plag 5
Na2O	5.9347	5.5498	1.5787	1.2845	6.7451	6.3045	2.1781
Al2O3	27.3871	28.1352	33.5577	34.0161	26.3029	26.9756	32.8549
SiO2	56.4913	55.1593	46.4005	45.4942	58.1024	56.9005	47.7348
CaO	10.0507	10.9645	17.6248	18.0936	8.8291	9.5339	16.7302
K2O	0.1293	0.1104	0.0256	0.0187	0.1839	0.1332	0.0354
SrO	0.0473	0.0496	0.0443	0.0515	0.0434	0.0498	0.031
TiO2	0.0077	0.0131	0.0112	0.0053	0.0069	0.0026	0.0129
MnO	0.0135	0.0154	0.0096	0.0183	-0.0034	-0.0103	0.0181
MgO	0.0189	0.0269	0.0936	0.0252	0.0166	0.023	0.0537
FeO	0.3427	0.3654	0.7197	0.5896	0.2576	0.292	0.6959

Total	100.4233	100.6103	100.1168	99.6344	100.852	100.4711	100.4159
Comment	21.2 Plag 6	21.2 Plag 7	21.2 Plag 8				
Na2O	1.2689	2.988	3.0512				
Al2O3	34.1914	31.1883	31.1921				
SiO2	45.4024	49.7834	49.984				
CaO	18.2614	15.11	14.9728				
K2O	0.0188	0.0576	0.0427				
SrO	0.0374	0.0371	0.0314				
TiO2	0.0088	0.0233	0.02				
MnO	0.0045	0.0058	0.0127				
MgO	0.0334	0.0621	0.0579				
FeO	0.6092	0.6858	0.6117				
Total	99.8738	100.0565	100.0621				

2

10

)

