

**Appendix 2-10 Quantity Mineralogical Analysis of
Usual and Check Samples**

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No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after siving (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
1	MJBK-38	26_6_1	56.00	57.00	6.600	90.0	45.00	45.00	6.61	2.000	1.900	0.050	-	0.010	0.040
2	MJBK-38	26_6_2	57.00	58.00	9.700	380.0	35.50	35.50	7.60	8.390	7.980	0.180	-	0.020	0.110
3	MJBK-38	26_6_3	58.00	59.00	6.600	130.0	32.50	32.50	4.25	2.580	2.370	0.090	-	0.010	0.040
4	MJBK-38	26_6_4	59.00	60.00	5.300	255.0	32.00	32.00	5.71	8.590	8.130	0.240	-	0.020	0.090
5	MJBK-38	26_6_5	60.00	61.00	7.900	1870.0	29.60	29.60	9.00	71.970	69.330	1.360	-	tr	0.800
6	MJBK-38	26_6_6	61.00	62.00	6.100	1675.0	39.20	39.20	19.76	138.420	133.930	2.450	-	tr	1.330
7	MJBK-38	26_6_7	62.00	63.00	6.200	65.0	32.50	32.50	3.09	0.900	0.810	0.030	-	tr	0.020
8	MJBK-38	26_6_8	63.00	64.00	8.000	28.2	28.20	28.20	2.76	0.340	0.320	0.010	-	tr	0.020
9	MJBK-39	26_38_1	29.50	30.40	8.100	105.0	26.57	26.57	0.91	0.440	0.330	0.030	-	tr	0.000
10	MJBK-39	26_38_2	30.40	31.50	9.500	195.0	37.20	37.20	0.42	0.230	0.190	0.010	-	tr	0.000
11	MJBK-39	26_38_3	31.50	32.50	7.500	705.0	44.00	44.00	0.08	0.170	0.090	0.010	-	tr	0.000
12	MJBK-39	26_38_4	32.50	33.50	5.400	290.0	36.42	36.42	0.02	0.030	0.020	tr	-	tr	0.000
13	MJBK-40	26_10_1	44.00	45.00	8.800	327.0	40.35	40.35	6.37	5.870	5.560	0.150	-	tr	0.060
14	MJBK-40	26_10_2	45.00	46.00	8.500	270.0	34.35	34.35	5.15	4.690	4.380	0.090	-	0.010	0.120
15	MJBK-40	26_10_3	46.00	47.00	11.000	2110.0	33.10	33.10	10.17	58.940	56.790	1.030	-	0.060	0.790
16	MJBK-40	26_10_4	47.00	48.00	9.300	2000.0	31.50	31.50	9.13	62.330	59.740	1.090	-	0.070	1.160
17	MJBK-40	26_10_5	48.00	49.00	8.100	14.5	14.47	14.47	1.44	0.180	0.160	tr	-	tr	0.010
18	MJBK-40	26_10_6	49.00	50.00	6.900	14.0	13.80	13.80	2.42	0.360	0.110	tr	-	tr	0.230
19	MJBK-41	22_42_1	32.00	33.00	8.500	130.0	32.20	32.20	0.65	0.310	0.250	0.010	-	tr	0.000
20	MJBK-41	22_42_2	33.00	34.00	8.600	222.0	27.70	27.70	0.42	0.390	0.310	0.020	-	tr	0.000
21	MJBK-41	22_42_3	34.00	35.00	7.600	180.0	45.00	45.00	0.15	0.080	0.040	0.010	-	tr	0.000
22	MJBK-41	22_42_4	35.00	36.00	8.500	245.0	30.50	30.50	6.33	5.980	0.020	tr	-	tr	5.920
23	MJBK-42	22_38_1	36.00	37.00	7.100	260.0	32.20	32.20	0.72	0.820	0.720	0.020	-	0.010	0.040
24	MJBK-42	22_38_2	37.00	38.10	9.100	270.0	33.20	33.20	1.10	0.980	0.870	0.020	-	0.010	0.020
25	MJBK-42	22_38_3	38.10	39.00	9.600	370.0	45.65	45.65	1.06	0.890	0.820	0.020	-	tr	0.010
26	MJBK-42	22_38_4	39.00	40.00	9.300	100.0	25.32	25.32	0.33	0.140	0.130	0.010	-	tr	0.000
27	MJBK-42	22_38_5	40.00	40.80	5.100	330.0	41.10	41.10	0.88	1.390	1.210	0.050	-	0.010	0.030
28	MJBK-42	22_38_6	40.80	41.90	7.500	1280.0	40.00	40.00	0.53	2.260	1.920	0.060	-	tr	0.080
29	MJBK-42	22_38_7	41.90	42.50	6.100	420.0	26.50	26.50	0.23	0.600	0.440	0.040	-	tr	0.000
30	MJBK-42	22_38_8	42.50	43.50	6.800	430.0	26.90	26.90	0.12	0.280	0.210	0.020	-	tr	0.000
31	MJBK-43	22_34_1	38.00	39.00	8.200	143.0	35.70	35.70	2.98	1.460	1.370	0.020	-	tr	0.030
32	MJBK-43	22_34_2	39.00	40.00	6.700	335.0	41.50	41.50	3.19	3.840	3.640	0.060	-	0.010	0.060
33	MJBK-43	22_34_3	40.00	41.00	11.700	2156.0	33.50	33.50	4.73	23.780	22.830	0.350	-	0.050	0.250
34	MJBK-43	22_34_4	41.00	42.50	16.800	9800.0	38.10	38.10	4.23	61.130	58.240	0.720	-	0.140	1.010
35	MJBK-43	22_34_5	42.50	43.70	13.700	7665.0	30.05	30.05	3.64	67.770	64.420	0.740	-	0.190	1.300
36	MJBK-43	22_34_6	43.70	44.50	8.500	430.0	27.00	27.00	0.78	1.460	1.310	0.040	-	tr	0.060
37	MJBK-43	22_34_7	44.50	45.50	9.100	630.0	39.70	39.70	3.59	6.260	5.980	0.080	-	tr	0.070
38	MJBK-44	22-10-1	34.00	35.50	11.100	530.0	33.20	33.20	0.30	0.430	0.220	0.030	-	0.020	0.130
39	MJBK-44	22-10-2	35.50	37.00	11.100	912.0	28.50	28.50	0.32	0.920	0.370	0.040	-	0.030	0.290
40	MJBK-44	22-10-3	37.00	38.50	12.200	650.0	40.60	40.60	0.48	0.630	0.280	0.030	-	0.040	0.200

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No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after vining (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
41	MJBK-44	22-10-4	38.50	39.50	8.900	367.0	45.50	45.50	0.40	0.360	0.210	0.020	-	0.010	0.070
42	MJBK-44	22-10-5	39.50	40.60	10.500	650.0	40.20	40.20	0.39	0.600	0.280	0.020	-	0.030	0.190
43	MJBK-44	22-10-6	42.20	43.50	9.500	512.0	31.25	31.25	0.52	0.900	0.550	0.020	-	0.030	0.230
44	MJBK-44	22-10-7	43.50	45.00	13.500	265.0	33.10	33.10	4.01	2.380	2.160	0.050	-	0.020	0.070
45	MJBK-44	22-10-8	45.00	46.50	10.600	120.0	30.00	30.00	4.99	1.880	1.780	0.040	-	tr	0.050
46	MJBK-44	22-10-9	46.50	47.50	9.500	88.0	43.75	43.75	6.97	1.480	1.400	0.030	-	tr	0.020
47	MJBK-44	22-10-10	47.50	48.30	8.400	110.0	27.20	27.20	5.61	2.700	2.510	0.190	-	0.020	0.080
48	MJBK-44	22-10-11	48.30	49.20	7.900	2130.0	33.10	33.10	6.48	52.780	50.750	0.900	-	0.090	0.920
49	MJBK-44	22-10-12	49.20	49.50	5.100	585.0	36.50	36.50	11.17	35.100	33.850	0.630	-	0.030	0.400
50	MJBK-44	22-10-13	49.50	50.40	9.900	1605.0	37.50	37.50	9.49	41.030	39.470	0.780	-	0.040	0.560
51	MJBK-44	22-10-14	50.40	51.60	9.100	2320.0	36.50	36.50	9.85	68.800	66.430	1.050	-	0.070	0.980
52	MJBK-44	22-10-15	51.60	53.00	9.700	47.00	45.80	45.80	1.77	0.190	0.130	tr	-	tr	0.320
53	MJBK-44	22-10-16	53.00	54.00	10.400	255.00	31.70	31.70	3.60	2.780	1.970	0.040	-	tr	0.550
54	MJBK-44	22-10-17	54.00	55.50	11.400	260.00	32.70	32.70	11.22	7.830	5.590	0.050	-	tr	1.600
55	MJBK-44	22-10-18	55.50	57.00	12.100	168.00	42.00	42.00	6.67	2.200	1.420	0.030	-	tr	0.720
56	MJBK-44	22-10-19	57.00	58.50	12.700	245.00	30.90	30.90	3.30	2.440	1.830	0.040	-	tr	0.420
57	MJBK-44	22-10-20	58.50	60.00	10.600	210.00	39.10	39.10	4.29	2.170	2.000	0.050	-	tr	0.000
58	MJBK-45	22_6_1	51.00	52.00	8.300	150.00	37.10	37.10	5.90	2.870	2.730	0.070	-	tr	0.030
59	MJBK-45	22_6_2	52.00	53.00	8.600	195.00	36.15	36.15	1.55	0.970	0.920	0.010	-	tr	0.020
60	MJBK-45	22_6_3	53.00	53.80	6.600	1950.00	30.50	30.50	4.34	42.040	40.200	0.770	-	0.970	0.560
61	MJBK-45	22_6_4	53.80	54.90	8.500	1470.00	34.50	34.50	6.56	32.880	31.780	0.530	-	0.100	0.250
62	MJBK-45	22_6_5	54.90	55.90	11.300	785.00	36.90	36.90	9.10	17.130	16.400	0.300	-	0.030	0.310
63	MJBK-45	22_6_6	55.90	57.00	5.500	18.07	18.07	18.07	1.00	0.180	0.150	tr	-	tr	0.010
64	MJBK-45	22_6_7	57.00	58.00	7.100	24.0	23.70	23.70	0.77	0.110	0.100	tr	-	tr	0.000
65	MJBK-46	18-38-1	18.00	19.00	11.100	130.0	32.70	32.70	0.26	0.090	0.060	tr	-	tr	0.000
66	MJBK-46	18-38-2	19.00	19.90	10.100	170.0	42.74	42.74	0.14	0.060	0.040	tr	-	tr	0.000
67	MJBK-46	18-38-3	19.90	21.00	9.600	1810.0	28.50	28.50	0.05	0.330	0.060	tr	-	tr	0.000
68	MJBK-46	18-38-4	21.00	22.00	8.850	1553.0	37.00	37.00	0.08	0.380	0.240	tr	-	tr	0.000
69	MJBK-46	18-38-5	22.00	23.50	9.100	598.0	37.20	37.20	0.06	0.100	tr	tr	0.000	tr	0.000
70	MJBK-47	18-34-1	30.00	31.00	9.800	105.0	26.50	26.50	7.30	2.950	0.170	0.010	-	tr	2.710
71	MJBK-47	18-34-2	31.00	32.00	8.300	165.0	41.10	41.10	14.69	7.110	0.070	0.020	-	tr	6.980
72	MJBK-47	18-34-3	32.00	33.00	9.600	140.0	35.49	35.49	7.46	3.070	0.080	0.010	-	tr	2.940
73	MJBK-47	18-34-4	33.00	34.00	10.800	300.0	37.50	37.50	2.70	4.330	0.240	0.020	-	tr	3.930
74	MJBK-47	18-34-5	34.00	35.00	6.500	135.0	33.95	33.95	2.92	1.740	0.030	tr	-	tr	1.610
75	MJBK-47	18-34-6	35.00	36.00	5.800	159.0	39.85	39.85	0.04	0.030	0.020	tr	-	tr	0.000
76	MJBK-48	18-30-1	36.60	38.00	12.500	320.0	39.90	39.90	2.04	1.310	1.230	0.030	-	tr	0.000
77	MJBK-48	18-30-2	38.00	39.00	11.500	890.00	28.00	28.00	2.32	6.410	6.020	0.070	-	tr	0.140
78	MJBK-48	18-30-3	39.00	39.50	7.650	117.00	33.50	33.50	1.52	0.690	0.630	0.020	-	tr	0.000
79	MJBK-48	18-30-4	39.50	40.50	12.700	2790.00	43.00	43.00	4.51	23.040	21.760	0.410	-	tr	0.360
80	MJBK-48	18-30-5	40.50	41.60	9.800	250.00	31.54	31.54	0.60	0.480	0.440	0.020	-	tr	0.000

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No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after drying (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
81	MJBK-48	18-30-6	41.60	42.60	10.650	198.00	36.00	36.00	2.28	1.180	1.070	0.030	-	tr	0.000
82	MJBK-48	18-30-7	42.60	43.60	12.250	2626.00	41.00	41.00	3.48	18.200	16.730	0.340	-	tr	0.320
83	MJBK-48	18-30-8	43.60	44.50	8.400	1440.00	44.50	44.50	3.99	15.370	14.250	0.420	-	tr	0.270
84	MJBK-48	18-30-9	44.50	45.50	11.950	765.00	35.92	35.92	1.09	1.940	1.730	0.070	-	tr	0.000
85	MJBK-48	18-30-10	45.50	46.50	12.000	1615.00	37.79	37.79	0.78	2.780	2.350	0.110	-	0.070	0.000
86	MJBK-48	18-30-11	46.50	47.50	11.400	865.00	40.50	40.50	0.56	1.050	0.880	0.004	-	0.020	0.000
87	MJBK-48	18-30-12	47.50	48.40	10.450	1345.00	42.00	42.00	0.51	1.560	1.220	0.080	-	0.030	0.000
88	MJBK-48	18-30-13	48.40	48.60	3.800	350.00	42.50	42.50	2.23	4.830	0.150	0.004	-	0.170	0.000
89	MJBK-48	18-30-14	48.60	49.10	8.150	2215.00	35.50	35.50	5.16	39.500	37.130	0.690	-	tr	1.450
90	MJBK-48	18-30-15	49.10	49.50	7.600	1015.00	31.00	31.00	8.30	35.760	30.590	0.430	-	2.330	1.290
91	MJBK-48	18-30-16	49.50	50.00	5.100	131.00	33.00	33.00	0.69	0.530	0.100	tr	-	tr	0.000
92	MJBK-48	18-30-17	50.00	51.00	7.300	418.00	38.70	38.70	1.67	2.470	2.090	0.070	-	0.030	0.000
93	MJBK-49	18-26-1	37.00	38.00	8.400	195.00	35.10	35.90	0.43	0.280	0.230	0.010	-	tr	0.030
94	MJBK-49	18-26-2	38.00	39.00	8.100	425.00	27.10	27.10	2.34	4.530	3.870	0.110	-	0.020	0.330
95	MJBK-49	18-26-3	39.00	39.50	6.500	1290.00	41.90	41.90	4.83	22.880	20.220	0.400	-	tr	1.660
96	MJBK-49	18-26-4	39.50	40.70	15.750	7910.00	31.00	31.60	5.37	85.350	76.290	1.350	-	tr	5.880
97	MJBK-49	18-26-5	40.70	41.60	9.100	4530.00	36.00	36.00	4.88	67.480	60.700	1.240	-	tr	4.700
98	MJBK-49	18-26-6	41.60	42.60	10.400	2080.00	32.70	32.70	2.77	16.940	15.290	0.340	tr	tr	0.670
99	MJBK-49	18-26-7	42.60	43.60	7.900	3265.00	37.00	37.00	3.43	38.310	33.730	0.730	-	tr	2.350
100	MJBK-49	18-26-8	43.60	44.60	8.400	3245.00	37.10	37.10	3.40	35.400	31.550	0.730	-	tr	1.980
101	MJBK-49	18-26-9	44.60	45.50	6.400	1150.00	37.10	37.10	2.80	13.560	11.090	0.240	-	1.400	0.530
102	MJBK-49	18-26-10	45.50	46.80	7.400	2865.00	43.40	43.40	3.19	28.460	25.160	0.760	-	tr	1.250
103	MJBK-49	18-26-11	46.80	48.00	7.700	2000.00	31.45	31.45	3.52	29.070	25.930	0.540	-	tr	1.820
104	MJBK-49	18-26-12	48.00	49.10	6.350	2185.00	35.40	35.40	7.23	70.280	62.890	1.260	-	tr	4.180
105	MJBK-49	18-26-13	49.10	50.10	4.500	1480.00	45.70	45.70	8.46	60.880	54.910	0.830	-	tr	4.390
106	MJBK-49	18-26-14	50.10	51.00	11.600	1474.00	43.10	43.10	4.41	13.000	11.560	0.280	-	tr	0.800
107	MJBK-49	18-26-15	51.00	51.70	6.400	1725.00	40.22	40.22	7.99	53.540	47.850	0.870	-	tr	3.950
108	MJBK-49	18-26-16	51.70	52.40	6.200	2220.00	34.60	34.60	7.20	74.510	65.400	0.880	-	tr	7.240
109	MJBK-49	18-26-17	52.40	53.00	4.150	102.00	38.00	38.00	2.99	1.930	1.710	0.020	-	tr	0.160
110	MJBK-49	18-26-18	53.00	54.00	7.500	240.00	30.00	30.00	0.81	0.870	0.740	0.010	-	tr	0.100
111	MJBK-50	18-18-1	36.00	37.00	8.100	112.00	28.00	28.00	2.71	1.340	1.270	0.020	-	tr	0.000
112	MJBK-50	18-18-2	37.00	38.00	7.400	560.00	35.00	35.00	3.75	8.110	7.700	0.190	-	tr	0.000
113	MJBK-50	18-18-3	38.00	38.50	6.300	1320.00	40.50	40.50	3.71	19.190	18.260	0.360	-	tr	0.000
114	MJBK-50	18-18-4	38.50	39.60	9.400	4720.00	35.70	35.70	3.56	50.070	47.400	0.900	tr	tr	1.130
115	MJBK-50	18-18-5	39.60	40.00	6.200	2965.00	45.50	45.50	12.70	133.480	127.490	2.100	-	tr	2.840
116	MJBK-50	18-18-6	40.00	41.00	10.500	6413.00	39.20	39.20	10.38	161.730	155.030	2.340	-	tr	3.120
117	MJBK-50	18-18-7	41.00	42.00	9.400	3673.00	42.70	42.70	7.25	66.340	63.420	0.920	tr	tr	1.370
118	MJBK-50	18-18-8	42.00	43.10	8.600	1320.00	40.70	40.70	2.27	8.560	7.730	0.200	-	tr	0.000
119	MJBK-50	18-18-9	43.10	44.10	7.900	2900.00	45.00	45.00	3.35	27.330	25.130	0.610	tr	0.120	0.000
120	MJBK-50	18-18-10	44.10	45.10	7.700	3020.00	45.60	45.60	5.27	45.330	42.750	0.820	-	tr	0.000

Appendix 2-10 Quantity Mineralgical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after vining (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
121	MJBK-50	18-18-11	45.10	46.20	9.700	4745.00	37.00	37.00	2.13	28.160	26.180	0.590	-	0.130	0.000
122	MJBK-50	18-18-12	46.20	47.00	6.200	2675.00	41.20	41.20	3.02	31.630	29.430	0.730	-	tr	0.000
123	MJBK-50	18-18-13	47.00	48.00	7.650	4855.00	38.00	38.00	2.63	43.920	41.420	1.000	tr	tr	0.000
124	MJBK-50	18-18-14	48.00	49.00	9.650	3910.00	31.50	31.50	2.62	33.700	31.640	0.510	-	tr	0.000
125	MJBK-50	18-18-15	49.00	50.00	8.500	3600.00	41.20	41.20	4.59	47.180	44.310	0.720	-	tr	1.130
126	MJBK-50	18-18-16	50.00	51.00	10.500	4705.00	37.10	37.10	3.10	37.440	34.910	0.540	-	tr	0.970
127	MJBK-50	18-18-17	51.00	52.00	5.050	2540.00	39.20	39.20	4.81	61.720	58.510	1.280	-	tr	1.540
128	MJBK-50	18-18-18	52.00	53.00	6.400	910.00	29.00	29.00	2.40	11.770	11.030	0.220	-	0.050	0.200
129	MJBK-50	18-18-19	53.00	54.00	7.500	2440.00	38.30	38.30	4.51	38.310	36.050	0.630	-	tr	0.610
130	MJBK-50	18-18-20	54.00	54.60	7.900	3405.00	40.50	40.50	3.15	33.530	32.140	0.320	-	tr	0.320
131	MJBK-50	18-18-21	54.60	55.80	11.100	5845.00	44.20	44.20	7.07	84.230	80.420	0.890	-	tr	1.910
132	MJBK-50	18-18-22	55.80	57.20	11.700	6035.00	35.40	35.40	5.84	92.970	88.040	1.270	-	tr	2.390
133	MJBK-50	18-18-23	57.20	58.00	5.200	838.00	39.00	39.00	0.74	3.060	2.890	0.040	tr	tr	0.080
134	MJBK-50	18-18-24	58.00	59.00	9.300	1185.00	36.21	36.21	0.30	1.060	0.810	0.020	-	tr	0.000
135	MJBK-51	18-14-1	35.00	36.00	12.000	653.00	40.90	40.90	1.05	1.400	0.330	0.020	-	0.120	0.800
136	MJBK-51	18-14-2	36.00	37.00	13.100	1010.00	33.10	33.10	0.77	1.790	0.350	0.020	-	0.140	1.070
137	MJBK-51	18-14-3	37.00	38.00	10.000	263.00	33.00	33.00	0.72	0.570	0.180	0.020	-	0.050	0.290
138	MJBK-51	18-14-4	38.00	39.30	11.300	335.00	41.95	41.95	1.27	0.900	0.440	0.030	-	0.050	0.320
139	MJBK-51	18-14-5	39.30	40.00	7.100	245.00	30.65	30.65	1.14	1.280	0.730	0.040	-	0.040	0.340
140	MJBK-51	18-14-6	40.00	41.00	9.700	1635.00	37.50	37.50	0.83	3.730	1.890	0.130	-	0.140	1.260
141	MJBK-51	18-14-7	41.00	42.00	8.900	1825.00	28.45	28.45	0.55	3.960	2.450	0.140	-	0.210	1.080
142	MJBK-51	18-14-8	42.00	43.00	8.800	1535.00	35.40	35.40	0.88	0.340	3.100	0.100	-	0.140	0.740
143	MJBK-51	18-14-9	43.00	44.00	9.000	2295.00	35.70	35.70	0.66	4.710	2.860	0.140	-	0.200	1.290
144	MJBK-51	18-14-10	44.00	45.00	9.900	1580.00	36.47	36.47	1.81	7.920	5.910	0.220	-	0.130	1.310
145	MJBK-51	18-14-11	45.00	46.00	10.000	2605.00	40.50	40.50	1.01	6.500	4.700	0.190	-	0.200	0.840
146	MJBK-51	18-14-12	46.00	46.80	6.500	1575.00	36.02	36.02	0.89	5.990	4.040	0.130	-	0.180	1.300
147	MJBK-51	18-14-13	46.80	48.00	11.600	2215.00	33.90	33.90	0.99	5.580	4.170	0.170	-	0.180	0.700
148	MJBK-51	18-14-14	48.00	49.00	10.500	3175.00	37.45	37.45	0.87	7.020	4.520	0.160	-	0.330	1.360
149	MJBK-51	18-14-15	49.00	50.00	10.900	4703.00	37.25	37.25	0.99	11.470	8.690	0.230	-	0.340	1.260
150	MJBK-51	18-14-16	50.00	51.40	11.400	4455.00	34.30	34.30	1.99	22.670	20.280	0.400	-	0.280	0.570
151	MJBK-51	18-14-17	51.40	53.00	8.900	1307.00	41.00	41.00	0.37	1.320	0.900	0.040	-	0.050	0.000
152	MJBK-51	18-14-18	53.00	54.00	8.700	915.00	28.20	28.20	0.16	0.600	0.370	0.040	-	tr	0.000
153	MJBK-52	18-10-1	37.30	38.50	10.500	50.00	25.00	25.00	2.30	0.440	0.390	0.010	-	tr	0.000
154	MJBK-52	18-10-2	38.50	39.30	9.400	27.30	27.32	27.32	3.16	0.340	0.290	0.010	-	tr	0.000
155	MJBK-52	18-10-3	39.30	40.50	13.800	542.00	34.10	34.10	3.50	4.030	3.740	0.130	-	tr	0.000
156	MJBK-52	18-10-4	40.50	41.50	12.900	1962.00	30.50	30.50	3.86	19.250	18.050	0.450	-	tr	0.470
157	MJBK-52	18-10-5	41.50	42.40	11.300	2115.00	33.10	33.10	3.92	22.170	20.980	0.400	-	tr	0.360
158	MJBK-52	18-10-6	42.40	43.60	8.800	3235.00	37.70	37.70	5.07	49.440	46.410	0.780	-	0.100	1.460
159	MJBK-52	18-10-7	43.60	44.80	8.700	390.00	36.70	36.70	5.87	7.170	6.740	0.120	-	0.040	0.180
160	MJBK-52	18-10-8	44.80	46.40	12.800	3530.00	28.00	28.00	7.88	77.610	74.160	1.180	-	0.100	1.480

Appendix 2-10 Quantity Mineralgical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after drying (-1.0 mm) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucosene (kg/t)	the others (kg/t)
161	MJBK-52	18-10-9	46.40	46.80	5.100	145.00	35.90	35.90	5.97	4.730	4.400	0.090	-	tr	0.160
162	MJBK-52	18-10-10	46.80	48.00	14.600	2965.00	34.30	34.30	2.40	14.210	12.790	0.470	-	0.120	0.530
163	MJBK-52	18-10-11	48.00	49.00	11.900	2496.00	39.02	39.02	2.42	13.010	11.660	0.480	-	0.110	0.590
164	MJBK-52	18-10-12	49.00	49.90	10.100	2165.00	33.50	33.50	3.13	20.030	18.110	0.700	-	0.190	0.570
165	MJBK-52	18-10-13	49.90	50.20	6.300	1475.00	34.50	34.50	3.50	23.750	21.720	0.750	-	0.200	0.530
166	MJBK-52	18-10-14	50.20	51.50	10.300	1080.00	32.70	32.70	1.45	4.650	4.230	0.130	-	0.040	0.170
167	MJBK-52	18-10-15	51.50	53.00	10.300	405.00	37.50	37.50	0.30	0.310	0.250	0.020	-	0.010	0.000
168	MJBK-53	26_2_1	54.00	55.00	7.800	230.00	29.10	29.10	5.68	5.760	3.140	0.080	-	tr	2.460
169	MJBK-53	26_2_2	55.00	56.00	5.400	212.00	26.45	26.45	4.91	7.290	6.920	0.130	-	tr	0.120
170	MJBK-53	26_2_3	56.00	56.50	7.400	2310.00	36.80	36.80	10.91	92.550	88.560	1.870	-	0.080	1.270
171	MJBK-53	26_2_4	56.50	57.10	5.300	1575.00	36.77	36.77	11.22	90.680	87.450	1.780	-	0.080	0.810
172	MJBK-53	26_2_5	57.10	58.00	7.300	367.00	45.55	45.55	8.21	9.060	8.410	0.180	-	0.020	0.300
173	MJBK-53	26_2_6	58.00	59.00	9.100	290.00	36.57	36.57	6.93	6.040	5.510	0.140	-	0.020	0.290
174	MJBK-54	22_2_1	39.00	40.00	5.900	315.00	39.10	39.10	0.42	0.570	0.340	0.010	-	0.030	0.120
175	MJBK-54	22_2_2	40.00	41.00	7.600	350.00	43.65	43.65	0.61	0.640	0.330	0.020	-	0.020	0.110
176	MJBK-54	22_2_3	41.00	42.00	12.600	73.00	36.50	36.50	0.89	0.140	0.100	0.010	-	tr	0.020
177	MJBK-54	22_2_4	42.00	43.00	9.100	38.00	37.92	37.92	3.21	0.350	0.330	0.010	-	tr	0.000
178	MJBK-54	22_2_5	43.00	43.80	5.200	140.00	35.50	35.50	0.33	0.250	0.230	0.010	-	tr	0.000
179	MJBK-54	22_2_6	43.80	44.50	6.700	55.00	27.50	27.50	1.16	0.350	0.300	0.010	-	tr	0.020
180	MJBK-54	22_2_7	49.00	50.00	9.300	120.00	30.00	30.00	4.22	1.820	1.700	0.040	-	0.010	0.050
181	MJBK-54	22_2_8	50.00	51.00	8.400	85.00	42.50	42.50	5.71	1.360	1.300	0.030	-	tr	0.020
182	MJBK-54	22_2_9	51.00	52.00	9.700	68.00	34.00	34.00	9.15	1.890	0.090	0.010	-	tr	1.770
183	MJBK-54	22_2_10	52.00	53.00	6.500	78.00	39.00	39.00	9.07	2.790	0.150	0.020	-	tr	2.580
184	MJBK-54	22_2_11	53.00	54.30	12.500	206.00	26.04	26.04	2.88	1.820	1.690	0.040	-	tr	0.050
185	MJBK-54	22_2_12	54.30	55.30	16.500	5657.00	33.20	33.20	9.15	94.490	89.840	1.960	-	0.100	1.820
186	MJBK-54	22_2_13	55.30	56.20	9.500	3450.00	26.90	26.90	7.66	103.410	98.960	2.160	-	tr	1.220
187	MJBK-54	22_2_14	56.20	56.70	3.400	373.00	46.50	46.50	7.75	18.280	17.550	0.420	-	0.020	0.090
188	MJBK-54	22_2_15	56.70	57.60	7.200	1635.00	38.10	38.10	15.13	90.180	87.610	1.430	-	tr	0.660
189	MJBK-54	22_2_16	57.60	58.50	7.600	140.00	35.00	35.70	4.33	2.230	2.120	0.040	-	tr	0.060
190	MJBK-54	22_2_17	58.50	59.50	7.100	145.00	36.00	36.90	5.23	2.890	2.740	0.070	-	tr	0.040
191	MJBK-55	18_6_1	48.00	49.00	7.400	92.00	46.00	46.00	8.72	2.360	2.250	0.050	-	0.010	0.030
192	MJBK-55	18_6_2	49.00	50.00	7.900	130.00	32.50	32.50	5.95	3.010	2.860	0.070	-	0.010	0.050
193	MJBK-55	18_6_3	50.00	51.00	7.700	170.00	42.50	42.50	3.61	1.880	1.740	0.040	-	0.010	0.020
194	MJBK-55	18_6_4	51.00	52.00	8.600	160.00	40.00	40.00	11.15	5.190	0.750	0.030	-	tr	4.320
195	MJBK-55	18_6_5	52.00	53.00	7.500	1105.00	34.18	34.18	1.95	8.400	7.330	0.430	-	0.080	0.120
196	MJBK-55	18_6_6	53.00	54.00	8.700	340.00	42.20	42.20	9.20	8.520	3.070	0.100	-	tr	5.190
197	MJBK-55	18_6_7	54.00	55.00	6.500	395.00	36.74	36.74	5.53	9.150	8.450	0.230	-	0.070	0.110
198	MJBK-55	18_6_8	55.00	56.00	5.500	325.00	40.80	40.80	7.41	10.730	4.060	0.160	-	0.040	5.790
199	MJBK-55	18_6_9	56.00	57.00	5.700	329.00	40.44	40.44	5.63	8.040	5.310	0.190	-	tr	2.430
200	MJBKS-26	2A-4-4	14.60	15.60	4.100	88.00	43.40	43.40	1.34	0.660	0.490	0.710	-	0.010	0.750

Appendix 2-10 Quantity Mineralogical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after vining (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
201	MJBKS-26	2A-4-5	15.60	16.60	2.400	85.00	42.50	42.50	4.91	4.090	3.220	0.120	-	0.340	0.130
202	MJBKS-26	2A-4-6	16.60	17.60	4.300	130.00	32.93	32.93	2.75	2.520	2.170	0.130	-	0.020	0.090
203	MJBKS-26	2A-4-7	17.60	18.60	4.000	73.00	36.50	36.50	3.88	1.940	1.550	0.100	-	0.010	0.040
204	MJBKS-26	2A-4-8	18.60	20.00	3.700	100.00	25.00	25.00	0.49	0.530	0.340	0.030	-	tr	0.000
205	MJBKS-27	2A-8-4	18.00	19.00	3.600	58.00	29.00	29.00	2.84	1.580	1.420	0.050	-	0.010	0.070
206	MJBKS-27	2A-8-5	19.00	20.00	3.300	110.00	27.50	27.50	3.21	3.890	3.500	0.120	-	0.020	0.160
207	MJBKS-27	2A-8-6	20.00	20.70	2.900	179.00	44.50	44.50	7.17	9.940	9.100	0.290	-	0.040	0.400
208	MJBKS-27	2A-8-7	20.70	22.00	4.200	352.00	44.00	44.00	5.86	11.160	10.130	0.400	-	0.070	0.420
209	MJBKS-27	2A-8-8	22.00	23.00	3.800	215.00	27.85	27.85	4.46	9.060	8.250	0.300	-	0.080	0.230
210	MJBKS-28	3Г-0-1	23.00	24.00	1.000	20.45	20.45	20.45	0.76	0.760	0.600	0.030	-	0.100	0.000
211	MJBKS-28	3Г-0-2	24.00	25.00	1.100	21.60	21.60	21.60	0.76	0.690	0.610	0.020	-	0.010	0.000
212	MJBKS-28	3Г-0-3	25.00	26.00	1.750	385.0	35.34	35.34	1.15	7.160	6.600	0.220	-	0.060	0.000
213	MJBKS-28	3Г-0-4	26.00	27.00	1.400	415.0	38.00	38.00	1.22	9.520	8.660	0.310	-	0.080	0.000
214	MJBKS-28	3Г-0-5	27.00	28.00	1.800	437.0	41.00	41.00	1.23	7.280	5.390	0.240	-	0.060	0.000
215	MJBKS-28	3Г-0-6	28.00	29.00	4.300	1180.0	37.00	37.00	0.99	7.340	6.450	0.190	-	0.110	0.370
216	MJBKS-28	3Г-0-7	29.00	30.00	2.500	630.0	39.75	39.75	1.73	10.970	9.950	0.220	-	0.100	0.440
217	MJBKS-28	3Г-0-8	30.00	31.00	3.550	652.0	41.10	41.10	1.61	7.190	6.390	0.220	-	0.040	0.280
218	MJBKS-28	3Г-0-9	31.00	32.00	3.600	142.0	35.60	35.60	0.69	0.760	0.630	0.030	-	0.020	0.000
219	MJBKS-29	3Г-8-5	26.00	26.90	2.900	55.0	27.50	27.50	2.74	1.890	1.740	0.090	tr	tr	0.000
220	MJBKS-29	3Г-8-6	26.90	27.80	3.100	124.0	31.00	31.00	3.43	4.420	4.130	0.180	tr	0.020	0.000
221	MJBKS-29	3Г-8-7	27.80	29.00	4.850	2266.0	35.70	35.70	4.24	54.490	52.610	1.700	tr	0.200	0.000
222	MJBKS-29	3Г-8-8	29.00	30.20	4.400	1925.0	31.00	31.00	3.22	45.440	42.760	1.410	tr	0.210	0.000
223	MJBKS-29	3Г-8-9	30.20	31.10	2.500	152.0	38.00	38.00	4.04	6.460	6.020	0.240	tr	0.030	0.000
224	MJBKS-29	3Г-8-10	31.10	32.00	4.050	229.0	28.55	28.55	4.08	4.550	4.260	0.140	tr	0.020	0.000
225	MJBKS-29	3Г-8-11	32.00	32.70	2.900	1035.0	32.00	32.00	5.68	63.350	58.780	1.900	tr	0.220	0.890
226	MJBKS-29	3Г-8-12	32.70	33.50	3.500	1855.0	29.00	29.00	4.21	76.940	72.010	1.830	tr	0.270	1.850
227	MJBKS-29	3Г-8-13	33.50	34.20	2.500	1435.0	44.90	44.90	9.20	117.610	110.580	3.200	tr	0.260	2.560
228	MJBKS-29	3Г-8-14	34.20	35.50	5.500	969.0	30.30	30.30	4.56	26.510	25.060	0.350	-	0.090	0.750
229	MJBKS-29	3Г-8-15	35.50	35.70	2.000	560.0	34.50	34.50	6.44	52.270	48.700	1.380	-	0.160	1.540
230	MJBKS-29	3Г-8-16	35.70	36.00	1.700	509.0	32.00	32.00	10.39	96.280	90.760	1.590	-	0.190	2.990
231	MJBKS-29	3Г-8-17	36.00	37.00	3.600	155.0	38.20	38.20	0.79	0.820	0.770	0.020	-	tr	0.000
232	MJBKS-29	3Г-8-18	37.00	38.00	4.300	322.0	40.70	40.70	0.49	0.900	0.840	0.020	-	tr	0.000
233	MJBKS-29	3Г-8-19	38.00	39.00	4.900	514.0	32.20	32.20	0.04	0.130	0.100	tr	-	tr	0.000
234	MJBKS-30	3A-(4)-1	29.30	30.30	4.900	45.0	44.72	44.72	3.06	0.620	0.520	0.030	-	0.010	0.000
235	MJBKS-30	3A-(4)-2	30.30	31.30	4.200	747.0	46.60	46.60	5.27	20.110	18.620	0.800	-	0.080	0.260
236	MJBKS-30	3A-(4)-3	31.30	31.50	0.800	228.0	42.60	42.60	6.34	42.420	40.270	1.000	-	0.130	0.320
237	MJBKS-30	3A-(4)-4	31.50	32.80	5.150	1071.0	33.30	33.30	5.33	33.290	31.350	0.750	-	0.190	0.570
238	MJBKS-30	3A-(4)-5	32.80	34.00	5.600	220.0	27.50	27.50	3.25	4.640	4.290	0.160	-	0.030	0.050
239	MJBKS-30	3A-(4)-6	34.00	34.50	2.150	810.0	37.00	37.00	7.82	79.630	74.740	1.530	-	0.100	2.240
240	MJBKS-30	3A-(4)-7	34.50	35.50	4.100	650.0	40.56	40.56	7.57	29.590	27.750	0.470	-	tr	0.980

Appendix 2-10 Quantity Mineralgical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after siving (-1.0 mm) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucosxene (kg/t)	the others (kg/t)
241	MJBKS-30	3A-(4)-8	35.50	36.50	3.600	555.0	34.87	34.87	0.23	1.020	0.750	0.070	-	tr	0.000
242	MJBKS-31	3A-0-1	30.00	31.00	5.100	124.0	31.10	31.10	2.49	1.950	1.800	0.080	-	0.010	0.000
243	MJBKS-31	3A-0-2	31.00	32.00	5.200	783.0	36.60	36.60	3.62	14.890	14.070	0.370	-	0.080	0.000
244	MJBKS-31	3A-0-3	32.00	33.50	7.000	1892.0	29.98	29.98	4.42	39.850	37.320	1.170	-	0.180	0.540
245	MJBKS-31	3A-0-4	33.50	34.50	4.000	1995.0	30.70	30.70	6.13	95.590	94.230	2.440	-	0.160	1.620
246	MJBKS-31	3A-0-5	34.50	35.50	4.300	1737.0	28.02	28.02	7.36	106.110	99.910	1.730	-	0.290	3.170
247	MJBKS-31	3A-0-6	35.50	36.50	3.200	240.0	30.10	30.10	1.59	3.960	3.790	0.040	-	0.030	0.080
248	MJBKS-31	3A-0-7	36.50	37.50	3.500	190.0	45.75	45.75	0.78	0.910	0.730	0.010	-	0.070	0.000
249	MJBKS-32	3A-4-1	27.50	28.50	3.900	93.0	46.50	46.50	4.68	2.400	2.220	0.090	-	0.010	0.040
250	MJBKS-32	3A-4-2	28.50	29.50	3.800	132.0	33.00	33.00	2.36	2.480	2.270	0.080	-	0.010	0.000
251	MJBKS-32	3A-4-3	29.50	30.00	2.300	603.0	37.90	37.90	3.99	27.600	25.940	0.970	-	0.140	0.000
252	MJBKS-32	3A-4-4	30.00	30.30	1.250	20.8	20.84	20.84	1.28	1.020	0.900	0.040	-	0.010	0.000
253	MJBKS-32	3A-4-5	30.30	31.00	2.700	415.0	38.50	38.50	3.52	14.050	13.170	0.480	-	0.120	0.130
254	MJBKS-32	3A-4-6	31.00	32.20	5.300	170.0	42.74	42.74	4.91	3.680	3.400	0.130	-	0.020	0.040
255	MJBKS-32	3A-4-7	32.20	33.50	5.000	645.0	40.80	40.80	5.35	16.920	15.900	0.470	-	0.130	0.220
256	MJBKS-32	3A-4-8	33.50	34.30	3.450	2175.0	34.00	34.00	8.81	163.360	155.750	2.970	-	0.560	3.150
257	MJBKS-32	3A-4-9	34.30	35.20	3.550	2085.0	32.50	32.50	6.21	112.220	107.160	2.350	-	0.360	1.630
258	MJBKS-32	3A-4-10	35.20	36.00	3.600	356.0	43.75	43.75	3.57	8.070	7.530	0.110	-	0.330	0.280
259	MJBKS-32	3A-4-11	36.00	37.00	3.800	368.0	45.82	45.82	0.26	0.550	0.460	0.030	-	tr	0.000
260	MJBKS-33	3A-8-1	21.50	22.50	4.200	55.0	41.37	41.37	4.70	1.490	0.970	0.040	-	0.030	0.020
261	MJBKS-33	3A-8-2	22.50	23.50	3.600	48.0	48.00	48.00	4.94	1.370	1.260	0.040	-	0.010	0.030
262	MJBKS-33	3A-8-3	23.50	24.50	4.400	150.0	37.60	37.60	5.42	4.910	4.620	0.150	-	0.010	0.060
263	MJBKS-33	3A-8-4	24.50	25.70	4.100	109.0	27.30	27.30	2.75	2.650	2.440	0.090	-	0.010	0.070
264	MJBKS-33	3A-8-5	25.70	27.00	4.300	260.0	32.50	32.50	3.99	6.800	6.200	0.290	-	0.018	0.070
265	MJBKS-33	3A-8-6	27.00	28.00	3.300	620.0	38.60	38.60	8.10	39.420	37.330	0.880	-	0.014	0.117
266	MJBKS-33	3A-8-7	28.00	29.00	3.200	235.00	29.30	29.30	5.48	13.740	12.160	0.500	-	tr	0.164
267	MJBKS-33	3A-8-8	29.00	30.00	2.400	70.00	35.00	35.00	1.31	1.090	0.900	0.020	-	tr	0.376
268	MJBKE-1	I_36_1	35.00	36.00	3.500	42.00	41.55	41.55	0.55	0.160	0.120	0.010	-	tr	0.100
269	MJBKE-1	I_36_2	36.00	36.70	2.300	38.70	38.70	38.70	0.40	0.170	0.130	0.010	-	tr	0.146
270	MJBKE-1	I_36_3	36.70	37.10	1.600	80.00	40.00	40.00	0.67	0.840	0.400	0.020	-	tr	0.028
271	MJBKE-1	I_36_4	37.10	38.00	3.300	160.00	40.00	40.00	0.53	0.640	0.450	0.060	-	tr	0.001
272	MJBKE-1	I_36_5	38.00	39.00	3.500	133.00	33.00	33.00	0.52	0.600	0.400	0.070	-	0.008	0.025
273	MJBKE-1	I_36_6	27.00	28.00	3.200	21.69	21.69	21.69	0.25	0.080	0.060	0.010	-	tr	0.001
274	MJBKE-1	I_36_7	28.00	29.00	2.400	25.42	25.42	25.42	1.89	0.790	0.740	0.020	tr	0.002	0.012
275	MJBKE-1	I_36_8	29.00	30.00	3.100	150.00	36.25	36.25	0.36	0.480	0.370	0.030	tr	0.003	0.015
276	MJBKE-1	I_36_9	30.00	31.00	3.200	170.00	42.50	42.50	0.40	0.500	0.380	0.040	tr	0.006	0.017
277	MJBKE-1	I_36_10	31.00	32.00	3.500	65.00	33.10	33.10	0.42	0.240	0.200	0.020	tr	0.024	0.098
278	MJBKE-1	I_36_11	32.00	33.00	3.300	43.00	43.00	43.00	0.80	0.240	0.210	0.010	tr	0.005	0.053
279	MJBKE-2	I_32_1	24.00	25.00	3.000	60.00	30.00	30.00	0.22	0.150	0.110	tr	tr	0.011	0.072
280	MJBKE-2	I_32_2	25.00	26.00	3.300	90.00	45.00	45.00	0.23	0.140	0.100	0.010	tr	0.020	0.075

Appendix 2-10 Quantity Mineralogical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after vining (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
281	MJBKE-2	I 32_3	26.00	27.00	6.200	140.00	34.62	34.62	0.13	0.080	0.030	0.010	tr	0.002	0.009
282	MJBKE-2	I 32_4	27.00	28.00	2.800	57.00	28.20	28.20	0.15	0.110	0.050	0.010	tr	0.004	0.032
283	MJBKE-2	I 32_5	28.00	29.00	2.900	55.00	28.10	28.10	0.28	0.190	0.110	0.020	tr	0.005	0.016
284	MJBKE-2	I 32_6	29.00	30.00	3.300	180.0	44.40	44.40	0.27	0.330	0.110	tr	tr	0.027	0.110
285	MJBKE-2	I 32_7	30.00	30.80	3.200	149.0	36.42	36.42	0.26	0.330	0.070	tr	-	tr	0.078
286	MJBKE-2	I 32_8	30.80	32.00	5.000	255.0	32.65	32.65	0.66	0.940	0.050	0.020	tr	0.015	0.107
287	MJBKE-2	I 32_9	32.00	33.00	3.400	115.0	28.72	28.72	0.31	0.370	0.060	0.010	-	tr	0.040
288	MJBKE-2	I 32_10	33.00	34.00	3.500	253.0	31.80	31.80	0.22	0.500	0.160	0.020	-	0.016	0.042
289	MJBKE-2	I 32_11	34.00	35.00	3.800	178.0	44.50	44.50	0.28	0.290	0.050	tr	-	0.026	0.364
290	MJBKE-2	I 32_12	35.00	36.00	2.700	190.0	34.20	34.20	0.24	0.490	0.130	0.010	-	0.024	0.153
291	MJBKE-2	I 32_13	36.00	37.00	3.200	65.0	32.50	32.50	0.36	0.230	0.090	tr	-	tr	0.236
292	MJBKE-2	I 32_14	37.00	38.20	4.400	335.0	41.20	41.20	0.38	0.700	0.070	tr	tr	0.004	0.010
293	MJBKE-2	I 32_15	38.20	39.50	4.400	565.0	35.37	35.37	0.35	1.270	0.110	0.030	tr	0.048	0.142
294	MJBKE-2	I 32_16	39.50	41.00	5.000	304.0	38.00	38.00	1.03	1.650	0.030	tr	tr	0.057	0.344
295	MJBKE-2	I 32_17	41.00	42.00	4.100	455.0	28.70	28.70	0.19	0.730	0.040	tr	tr	0.164	0.656
296	MJBKE-3	I 28_1	21.00	21.80	2.900	40.5	40.47	40.47	0.64	0.220	0.160	0.010	tr	0.112	0.786
297	MJBKE-3	I 28_2	21.80	22.60	2.700	90.0	45.00	45.00	0.66	0.490	0.230	tr	-	0.116	0.816
298	MJBKE-3	I 28_3	22.60	23.60	3.300	102.0	25.70	25.70	0.15	0.180	0.160	0.010	tr	tr	1.117
299	MJBKE-3	I 28_4	23.60	24.60	3.500	100.0	37.40	36.70	0.27	0.210	0.180	0.010	tr	0.076	0.535
300	MJBKE-4	IV 0_1	10.50	11.50	3.000	27.0	27.04	27.04	0.92	0.310	0.240	0.010	-	tr	0.226
301	MJBKE-4	IV 0_2	11.50	12.50	3.200	25.8	25.82	25.82	0.59	0.180	0.130	0.010	-	tr	0.226
302	MJBKE-4	IV 0_3	12.50	13.50	3.600	520.0	32.50	32.50	0.19	0.840	0.530	0.130	-	0.010	0.138
303	MJBKE-4	IV 0_4	13.50	14.50	3.700	615.0	38.20	38.20	0.10	0.440	0.260	tr	-	0.031	0.032
304	MJBKE-4	IV 0_5	14.50	15.50	3.100	780.0	36.70	36.70	0.02	0.140	0.140	tr	tr	0.010	0.043
305	MJBKE-5	IV (-4)_1	11.00	12.00	3.300	7.3	7.25	7.25	0.28	0.080	0.050	tr	tr	0.122	0.368
306	MJBKE-5	IV (-4)_2	12.00	13.00	3.000	7.9	7.90	7.90	0.13	0.040	0.030	tr	tr	0.253	0.673
307	MJBKE-5	IV (-4)_3	13.00	14.00	3.100	135.0	33.75	33.75	0.21	0.270	0.060	0.010	tr	0.214	1.058
308	MJBKE-5	IV (-4)_4	14.00	15.00	3.300	565.0	35.50	35.50	0.34	1.640	0.190	tr	-	tr	0.045
309	MJBKE-6	IV (-8)_1	16.50	17.50	2.300	44.5	44.45	44.45	3.06	1.330	1.170	0.070	-	tr	0.013
310	MJBKE-6	IV (-8)_2	17.50	18.30	2.500	50.0	25.00	25.00	1.78	1.420	1.220	0.070	-	0.006	0.094
311	MJBKE-6	IV (-8)_3	18.30	19.00	2.500	146.0	37.70	37.70	1.83	2.830	2.430	0.060	tr	tr	0.280
312	MJBKE-6	IV (-8)_4	19.00	19.80	3.300	742.0	46.00	46.00	1.82	8.900	7.920	0.540	tr	0.014	0.116
313	MJBKE-6	IV (-8)_5	19.80	21.00	2.300	235.0	29.62	31.50	0.17	0.550	12.360		-	0.220	0.860
314	MJBKE-6	IV (-8)_6	21.00	22.00	2.400	250.0	31.10	31.10	0.08	0.260	3.060	0.130		0.130	0.440
315	MJBKE-7	II-36-1	30.50	31.50	4.100	170.0	42.35	42.35	0.43	0.420	29.560	0.800	-	0.330	0.700
316	MJBKE-7	II-36-2	31.50	32.50	4.100	267.0	33.50	33.50	0.35	0.680	50.910	1.110	-	0.110	2.380
317	MJBKE-7	II-36-3	32.50	33.50	4.300	255.0	31.70	31.70	0.22	0.410	93.780	1.700	tr	0.070	2.650
318	MJBKE-7	II-36-4	33.50	34.20	2.800	145.0	36.40	36.40	0.42	0.600	0.600	0.020	-	tr	0.120
319	MJBKE-7	II-36-5	34.20	35.00	3.100	205.0	38.40	38.40	0.11	0.190	0.110	tr	-	tr	-
320	MJBKE-7	II-36-6	35.00	36.00	4.100	275.0	34.20	34.20	0.07	0.140	1.191	0.024	-	tr	0.015

Appendix 2-10 Quantity Mineralgical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after vining (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
321	MJBKE-7	II-36-7	36.00	37.00	4.200	370.0	34.82	34.82	0.05	0.130	0.541	0.017	-	0.003	0.011
322	MJBKE-8	II 32 1	47.00	48.00	7.900	125.0	32.10	31.20	0.25	0.130	2.232	0.034	tr	0.007	0.034
323	MJBKE-8	II 32 2	48.00	49.00	7.500	200.0	25.19	25.19	0.36	0.380	2.909	0.067	tr	0.003	0.015
324	MJBKE-8	II 32 3	49.00	50.00	6.700	190.0	35.10	35.10	0.29	0.230	0.213	0.005	tr	tr	0.008
325	MJBKE-8	II 32 4	50.00	51.00	6.900	115.0	28.50	28.50	0.15	0.090	0.080	0.002	-	tr	0.013
326	MJBKE-9	II 28 1	44.30	45.30	3.800	121.0	30.20	30.20	0.23	0.240	0.182	0.036	-	tr	0.073
327	MJBKE-9	II 28 2	45.30	46.30	3.500	55.0	27.50	27.50	2.55	1.460	0.038	tr	-	tr	0.019
328	MJBKE-9	II 28 3	46.30	47.30	3.400	475.0	29.40	29.40	0.52	2.470	0.097	tr	-	tr	0.024
329	MJBKE-9	II 28 4	47.30	48.30	3.600	135.0	33.90	33.90	0.35	0.390	0.056	0.003	-	tr	0.010
330	MJBKE-10	II-12-1	17.00	18.00	3.250	39.0	38.17	38.17	0.81	0.250	5.937	0.162	-	0.014	0.077
331	MJBKE-10	II-12-2	18.00	18.90	1.550	24.5	24.50	24.50	0.24	0.150	8.461	0.191	-	0.008	0.276
332	MJBKE-10	II-12-3	18.90	20.50	5.550	140.0	35.00	35.00	0.05	0.040	2.151	0.059	-	0.003	0.055
333	MJBKE-10	II-12-4	20.50	22.00	4.500	58.0	30.00	30.00	1.77	0.760	1.984	0.081	-	0.003	0.044
334	MJBKE-11	II-8-1	5.00	6.00	3.300	94.0	47.00	47.00	0.44	0.270	18.630	0.483	-	0.034	0.449
335	MJBKE-11	II-8-2	6.00	7.30	2.000	32.8	32.75	32.75	0.44	0.220	104.490	2.365	-	0.074	0.664
336	MJBKE-11	II-8-3	7.30	8.80	2.100	207.0	37.20	37.20	0.06	0.160	119.317	2.849	tr	0.059	0.772
337	MJBKE-11	II-8-4	8.80	10.00	3.900	575.0	35.70	35.70	0.06	0.250	90.028	1.867	-	tr	0.934
338	MJBKE-12	XI 6 4	11.50	13.00	4.900	650.0	40.10	40.10	0.09	0.300	87.720	1.514	-	tr	0.712
339	MJBKE-12	XI 6 5	13.00	14.00	4.400	620.0	38.00	38.00	0.05	0.190	5.732	0.134	-	tr	0.134
340	MJBKE-12	XI 6 6	14.00	15.00	2.600	380.0	35.50	35.50	0.08	0.330	2.469	0.057	-	0.004	0.052
341	MJBKE-12	XI 6 7	15.00	16.00	4.100	835.0	26.10	26.10	0.01	0.080	0.502	0.008	-	0.025	0.051
342	MJBKE-13	III-36-1	33.80	35.00	3.900	148.0	37.00	37.00	0.91	0.930	0.874	0.032	-	0.004	0.069
343	MJBKE-13	III-36-2	35.00	36.00	3.900	260.0	32.30	32.30	0.82	1.690	0.357	0.014	tr	0.001	0.012
344	MJBKE-13	III-36-3	36.00	37.00	4.100	125.0	31.30	31.30	0.62	0.600	11.332	0.324	tr	0.024	0.155
345	MJBKE-13	III-36-4	37.00	38.20	5.700	543.0	34.00	34.00	0.34	0.954	0.518	0.009	tr	0.001	0.008
346	MJBKE-13	III-36-5	38.20	39.20	3.600	580.0	36.00	36.00	0.67	2.978	1.369	0.010	tr	0.003	0.056
347	MJBKE-13	III-36-6	39.20	40.50	4.200	217.0	27.40	27.40	0.13	0.248	4.786	0.109	-	0.010	0.089
348	MJBKE-13	III-36-7	40.50	42.00	4.900	395.0	36.80	36.80	0.04	0.090	0.072	0.007	-	tr	0.022
349	MJBKE-14	III 32 3	43.00	44.00	4.700	360.0	44.00	44.00	0.56	0.970	0.354	0.005	-	tr	0.005
350	MJBKE-14	III 32 4	44.00	45.00	3.800	330.0	41.50	41.50	0.42	0.880	0.832	0.025	-	0.005	0.020
351	MJBKE-14	III 32 5	45.00	45.60	2.500	245.0	30.50	30.50	0.36	1.160	0.756	0.023	tr	0.002	0.009
352	MJBKE-14	III 32 6	45.60	46.60	3.200	206.0	26.50	26.50	0.20	0.490	0.276	0.012	tr	0.002	0.008
353	MJBKE-14	III 32 7	46.60	48.00	4.400	250.0	31.30	31.30	0.32	0.580	27.996	1.092	tr	0.019	0.686
354	MJBKE-15	III 28 1	38.00	39.00	7.500	185.0	45.20	46.00	9.15	4.910	2.972	0.083	-	0.011	0.028
355	MJBKE-15	III 28 2	39.00	40.00	7.200	145.0	36.85	36.85	0.94	0.510	0.423	0.023	tr	0.003	0.007
356	MJBKE-15	III 28 3	40.00	41.00	6.900	500.0	31.75	26.80	0.05	0.140	0.782	0.040	-	tr	0.022
357	MJBKE-15	III 28 4	41.00	42.00	6.500	685.0	42.57	42.57	0.27	0.690	12.047	0.247	-	tr	0.365
358	MJBKE-16	IX 3 1	22.00	23.00	4.600	98.0	36.80	36.80	1.98	1.150	100.000	2.286	tr	0.114	1.028
359	MJBKE-16	IX 3 2	23.00	24.00	3.700	165.0	41.57	41.57	2.37	2.540	0.291	0.009	-	tr	0.019
360	MJBKE-16	IX-3-3	24.00	25.50	6.700	1216.0	38.30	38.30	3.02	14.310	0.288	0.012	-	tr	0.025

Appendix 2-10 Quantity Mineralogical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after vining (-1.0 m) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
361	MJBKE-16	IX-3-4	25.50	26.70	6.800	1261.0	40.05	40.05	3.81	17.640	0.690	0.020	tr	-	0.010
362	MJBKE-16	IX-3-5	26.70	27.80	5.000	763.0	35.50	35.50	3.49	15.000	0.073	0.003	-	tr	3.644
363	MJBKE-16	IX_3_6	27.80	29.00	4.600	500.0	31.25	31.25	1.88	6.540	2.940	0.140	-	-	0.050
364	MJBKE-17	IX_2_1	19.00	20.00	4.100	35.9	35.94	35.94	1.73	0.420	8.860	0.340	-	tr	0.610
365	MJBKE-17	IX_2_2	20.00	21.00	3.500	16.0	16.00	16.00	0.84	0.240	5.060	0.140	-	0.010	0.240
366	MJBKE-17	IX_2_3	21.00	22.00	3.200	85.0	42.20	43.90	0.34	0.210	0.470	0.020	-	0.002	0.048
367	MJBKE-17	IX_2_4	22.00	23.00	3.600	385.0	36.40	38.40	0.04	0.110	0.070	tr	-	tr	0.040
368	MJBKE-18	IX_0_1	6.50	7.50	3.700	360.0	45.00	45.00	0.39	0.840	1.150	0.070	-	0.020	0.110
369	MJBKE-18	IX_0_2	7.50	8.50	3.500	197.0	37.15	37.15	0.24	0.360	1.080	0.020	-	-	0.070
370	MJBKE-18	IX_0_3	8.50	9.50	3.800	122.0	31.25	31.25	0.07	0.070	2.040	0.060	tr	0.010	0.080
371	MJBKE-18	IX_0_4	9.50	10.50	3.700	118.0	29.70	30.70	0.08	0.080	0.080	0.010	-	0.005	0.055
372	MJBKE-19	IV_(-12)_1	13.00	14.00	3.900	115.0	35.00	35.00	0.45	0.460	0.120	0.010	-	0.003	0.077
373	MJBKE-19	IV_(-12)_2	14.00	14.80	3.500	343.0	40.00	40.00	0.47	0.270	0.400	tr	-	0.090	0.200
374	MJBKE-19	IV_(-12)_3	14.80	16.00	4.000	505.0	34.10	34.10	0.10	0.100	0.500	0.010	-	0.020	0.310
375	MJBKE-19	IV_(-12)_4	16.00	17.00	3.700	140.0	37.70	37.70	0.07	0.070	3.380	0.060	-	0.060	0.640
376	MJBKE-20	IV_8_1	4.50	6.00	2.600	295.0	36.30	37.60	0.18	0.540	0.480	0.020	-	0.010	0.330
377	MJBKE-21	IV_4_1	13.00	14.00	3.400	21.2	21.22	21.22	0.92	0.270	0.030	tr	-	0.002	0.008
378	MJBKE-21	IV_4_2	14.00	15.00	3.600	15.5	15.47	15.47	0.38	0.110	0.050	tr	-	0.004	0.036
379	MJBKE-21	IV_4_3	15.00	16.00	3.300	11.8	11.77	11.77	0.23	0.070	0.010	tr	-	tr	0.010
380	MJBKE-21	IV_4_4	16.00	17.00	3.300	134.0	33.90	33.90	0.19	0.230	0.024	tr	-	0.001	0.022
381	MJBKE-21	IV_4_5	17.00	18.00	3.900	479.0	29.75	29.75	0.04	0.160	0.064	0.025	-	0.013	0.098
382	MJBKE-22	V_12_1	6.00	7.00	2.200	80.0	40.00	40.00	2.22	2.020	0.128	0.011	-	tr	0.191
383	MJBKE-22	V_12_2	7.00	7.80	2.600	90.0	45.00	45.00	1.85	1.420	0.110	0.016	-	tr	0.034
384	MJBKE-23	V_4_1	4.00	5.00	2.200	435.0	27.95	27.95	0.83	5.870	0.055	tr	-	tr	0.092
385	MJBKE-23	V_4_2	5.00	6.00	1.500	174.0	43.50	43.50	1.06	2.830	0.082	tr	-	0.016	0.120
386	MJBKE-24	V_8_1	5.00	6.00	2.400	265.0	33.20	33.20	0.88	2.930	0.422	0.011	-	tr	0.095
387	MJBKE-24	V_8_2	6.00	7.00	2.500	155.0	38.90	38.90	2.48	3.950	0.118	tr	-	tr	0.040
388	MJBKE-25	IV_(-16)_1	19.00	20.00	3.500	25.1	25.09	25.09	1.06	0.300	0.008	0.002	-	tr	0.020
389	MJBKE-25	IV_(-16)_2	20.00	21.00	4.000	112.0	28.00	28.00	1.47	1.470	0.065	tr	-	0.390	0.155
390	MJBKE-25	IV_(-16)_3	21.00	22.00	4.700	480.0	30.00	30.00	1.62	5.510	0.025	0.015	tr	tr	0.009
391	MJBKE-25	IV_(-16)_4	22.00	23.20	5.300	1345.0	42.10	42.10	2.30	13.860	0.164	tr	-	tr	-
392	MJBKE-25	IV_(-16)_5	23.20	24.50	5.800	1845.0	28.70	28.70	1.47	16.290	0.039	0.020	-	0.013	0.189
393	MJBKE-25	IV_(-16)_6	24.50	25.50	4.300	1537.0	36.20	36.20	2.28	22.510	0.062	tr	-	0.026	0.266
394	MJBKE-25	IV_(-16)_7	25.50	26.50	3.900	1316.0	41.10	41.10	2.36	19.380	0.068	0.042	-	0.008	0.305
395	MJBKE-25	IV_(-16)_8	26.50	27.50	3.000	525.0	32.07	32.07	0.06	0.330	0.009	0.048	-	0.010	0.243
396	MJBKE-25	IV_(-16)_9	27.50	28.50	2.900	720.0	45.00	45.00	0.62	3.420	0.040	tr	-	tr	0.080
397	MJBKE-26	IV_(-20)_1	19.00	20.00	3.500	34.6	34.62	34.62	2.73	0.780	0.010	0.020	-	tr	0.120
398	MJBKE-26	IV_(-20)_2	20.00	21.00	3.200	39.7	39.65	29.65	2.45	0.760	0.038	0.045	-	tr	0.025
399	MJBKE-26	IV_(-20)_3	21.00	22.00	2.200	95.0	35.50	36.80	0.12	0.140	0.315	0.021	-	0.020	0.064
400	MJBKE-26	IV_(-20)_4	22.00	23.00	3.000	446.0	27.80	28.80	0.01	0.050	1.108	0.092	-	0.090	0.064

Appendix 2-10 Quantity Mineralgical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after drying (-1.0 mm) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucosene (kg/t)	the others (kg/t)
401	MJBKE-27	X 4 1	3.70	4.70	3.100	169.0	42.32	42.32	0.76	0.980	0.200	tr	-	0.013	0.014
402	MJBKE-27	X 4 2	4.70	5.50	2.500	450.0	28.29	28.29	0.13	0.830	0.937	0.027	tr	tr	0.023
403	MJBKE-28	XI 5 1	10.20	11.00	2.400	115.0	28.70	28.70	0.23	0.380	1.600	0.063	-	0.003	0.031
404	MJBKE-28	XI 5 2	11.00	12.00	3.300	343.00	42.50	42.50	0.07	0.170	0.197	0.008	tr	tr	0.012
405	MJBKE-28	XI 5 3	12.00	13.00	3.400	505.00	31.60	31.60	0.03	0.140	0.529	0.013	-	-	2.332
406	MJBKE-29	XI-4-1	10.80	12.00	5.300	790.00	36.70	36.70	1.81	7.350	0.667	0.028	-	-	0.810
407	MJBKE-29	XI-4-2	12.00	13.00	4.600	675.00	42.20	42.20	2.64	9.180	1.750	0.080	-	0.040	0.200
408	MJBKE-29	XI-4-3	13.00	14.00	4.900	2055.00	32.10	32.10	1.56	20.380	1.800	0.020	-	0.050	0.240
409	MJBKE-29	XI 4 4	14.00	15.00	3.700	845.00	26.60	26.60	0.16	1.370	0.430	0.040	-	0.070	0.140
410	MJBKE-29	XI 4 5	15.00	16.00	4.300	640.00	40.00	40.00	0.06	0.220	0.360	0.010	-	0.050	0.050
411	MJBKE-30	XI 3 1	9.50	10.80	4.400	460.00	28.74	28.74	1.87	6.800	0.210	0.010	-	0.070	0.170
412	MJBKE-30	XI 3 2	10.80	12.00	4.100	325.00	40.20	40.20	2.63	5.190	0.193	0.024	-	tr	0.024
413	MJBKE-30	XI 3 3	12.00	13.00	3.100	140.00	35.00	36.00	0.09	0.110	2.136	0.089	tr	0.018	0.071
414	MJBKE-31	XI 2 1	11.00	12.00	3.600	46.50	46.47	46.47	3.50	0.970	14.467	0.542	tr	0.145	0.470
415	MJBKE-31	XI 2 2	12.00	13.40	5.400	170.00	42.52	42.52	0.18	0.130	8.000	0.514	tr	0.114	0.286
416	MJBKE-31	XI 2 3	13.40	14.40	3.300	200.00	25.00	25.00	0.03	0.070	9.793	0.515	tr	0.172	0.687
417	MJBKE-31	XI 2 4	14.40	15.40	3.600	145.00	36.20	36.20	0.47	0.520	15.855	0.661	tr	0.330	0.826
418	MJBKE-32	XI 1 1	8.10	9.00	2.700	28.60	28.60	28.60	1.07	0.400	14.190	0.495	-	0.165	0.660
419	MJBKE-32	XI 1 2	9.00	10.00	3.500	125.00	31.20	31.20	0.04	0.050	4.725	0.270	tr	0.135	0.405
420	MJBKE-35	XI-6-2	10.10	10.80	3.400	366.00	45.50	45.50	2.64	4.530	8.949	0.681	-	0.292	1.167
421	MJBKE-35	XI-6-3	10.80	11.50	3.100	730.00	44.55	44.55	2.72	14.380	11.867	0.533	-	0.067	1.933
422	MJBKE-34	VII 36 1	29.00	30.00	3.300	150.00	37.70	37.70	0.44	0.530	4.463	0.421	-	0.042	1.011
423	MJBKE-34	VII 36 2	30.00	30.50	2.300	235.00	29.55	29.55	0.84	2.900	0.233	0.025	-	tr	0.042
424	MJBKE-34	VII 36 3	30.50	31.50	3.700	260.0	32.70	33.50	0.05	0.100	0.250	0.050	-	tr	0.150
425	MJBKE-34	VII 36 4	31.50	32.50	3.600	405.0	37.70	38.30	0.02	0.060	1.661	0.356	tr	0.059	0.178
426	MJBKE-33	XI 7 1	8.40	9.30	3.800	465.0	29.00	29.00	1.60	6.750	0.781	0.156	-	0.052	0.157
427	MJBKE-33	XI-7-2	9.30	10.00	2.800	1160.0	36.10	36.10	1.89	21.690	0.715	0.190	-	0.048	0.095
428	MJBKE-33	XI-7-3	10.00	11.00	4.100	1410.0	44.00	44.00	2.52	19.700	1.454	0.025	-	0.097	0.146
429	MJBKE-33	XI-7-4	11.00	11.40	1.600	265.0	33.10	33.10	1.97	9.860	1.261	0.339	-	0.097	0.145
430	MJBKE-33	XI-7-5	11.40	12.60	4.600	1096.0	34.20	34.20	1.45	10.100	1.898	0.178	-	0.059	0.237
431	MJBKE-33	XI-7-6	12.60	13.70	4.500	1380.0	42.17	42.17	5.01	36.430	1.975	0.274	-	0.110	0.165
432	MJBKE-33	XI 7 7	13.70	15.00	4.600	225.0	28.37	28.37	2.48	4.280	0.274	0.063	-	0.025	0.101
433	MJBKE-33	XI 7 8	15.00	16.00	3.800	100.0	25.10	25.10	0.05	0.050	2.298	0.398	tr	0.194	1.001
434	MJBKE-36	X 3 1	15.00	16.00	3.200	110.0	27.50	27.50	1.23	1.540	7.847	0.317	tr	0.119	0.277
435	MJBKE-36	X 3 2	16.00	17.00	4.100	220.0	27.50	27.50	3.59	7.000	0.257	tr	-	tr	0.043
436	MJBKE-36	X 3 3	17.00	17.80	3.000	795.0	37.75	37.75	2.77	19.440	0.427	0.040	-	tr	0.040
437	MJBKE-36	X 3 4	17.80	19.00	3.500	275.0	34.80	34.80	0.06	0.130	0.123	0.010	-	tr	0.031
438	MJBKE-36	X 3 5	19.00	20.00	3.600	520.0	32.50	33.50	0.05	0.220	3.900	0.126	tr	0.063	0.189
439	MJBKE-37	X 2 1	15.00	16.00	3.200	20.5	20.17	20.17	2.25	0.700	0.061	0.008	-	0.008	0.015
440	MJBKE-37	X 2 2	16.00	17.00	3.200	55.0	27.50	27.50	1.41	0.880	3.840	0.256	-	0.064	0.192

Appendix 2-10 Quantity Mineralogical Analysis of Usual and Check Samples

No.	No. of drillholes	Sample No.	Depth (m)		Weight of dried sample (kg)	Weight of sand after siving (-1.0 mm) (g)	Weight of sample for analysis (g)	Weight of sample for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Content of heavy fractions				
											Ilmenite (kg/t)	Zircon (kg/t)	Rutile (kg/t)	Leucoxene (kg/t)	the others (kg/t)
441	MJBKE-37	X 2 3	17.00	18.00	2.700	178.0	44.20	44.20	0.11	0.160	7.168	0.448	tr	0.256	0.832
442	MJBKE-37	X 2 4	18.00	19.00	2.900	555.0	34.80	35.80	0.03	0.160	7.973	0.221	tr	0.148	0.517
443	MJBKE-38	XII 3 1	14.00	15.00	3.400	185.0	34.50	34.50	0.11	0.170	6.545	0.218	tr	0.291	0.510
444	MJBKE-38	XII 3 2	15.00	16.00	3.500	295.0	36.72	36.72	0.06	0.140	0.427	0.040	-	tr	0.040
445	MJBKE-39	XII 1 1	13.20	14.00	3.000	1105.0	34.50	34.50	2.36	25.200	0.123	0.010	-	tr	0.031
446	MJBKE-39	XII 1 2	14.00	14.80	3.100	740.0	46.20	46.20	2.81	14.520	3.900	0.126	tr	0.063	0.189
447	MJBKE-40	XII 2 1	11.00	12.00	3.200	130.0	32.50	32.50	1.37	1.710	0.061	0.008	-	0.008	0.015
448	MJBKE-40	XII 2 2	12.00	12.80	2.800	225.0	28.72	28.72	1.38	3.860	3.840	0.256	-	0.064	0.192
449	MJBKE-40	XII 2 3	12.80	13.80	4.600	1380.0	42.38	42.38	2.87	20.320	7.168	0.448	tr	0.256	0.832
450	MJBKE-40	XII 2 4	13.80	14.50	1.400	135.0	33.70	33.70	1.02	2.920	7.973	0.221	tr	0.148	0.517
451	MJBKE-41	XII 4 1	13.00	14.00	2.200	255.00	31.35	31.35	10.59	39.150	6.545	0.218	tr	0.291	0.510
452	MJBKE-41	XII 4 2	14.00	15.00	2.200	223.00	27.80	27.80	9.14	33.330	0.067	0.015	tr	0.007	0.044

**Appendix 2-11 Inside Geological Check of
Mineralogical Analysis**

Appendix 2-11 Inside Geological Check of Mineralogical Analysis (I)

No.	Sample No.	Primary weight of dry sample (kg)	Weight of black sand after sieving (g)	Weight of specimen for mineralogical analysis (g)	Specimen for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Ilmenite		Zircon	
								Classes of content	Content (kg/t)	Classes of content	Content (kg/t)
1		4.9	2266	32.50	32.50	3.54	50.890	II	48.730	II	1.650
2		4.4	1925	42.50	42.50	4.41	45.400	II	43.240	I	1.540
3		2.9	1035	27.70	27.60	4.77	61.680	III	58.580	II	2.200
4		3.5	1855	35.90	35.90	5.18	76.470	III	73.370	II	2.070
5		2.5	1435	28.90	28.90	6.05	120.160	III*	114.400	III	4.170
6		5.5	969	40.50	40.50	6.32	27.490	I	26.190	I	0.740
7		2.0	560	46.70	46.70	8.44	50.600	II	48.330	I	0.960
8		1.7	509	36.00	36.00	11.47	95.400	III	91.320	II	1.410
9		1.4	415	44.40	44.40	1.37	9.150	I	8.410	I	0.270
10		2.5	630	36.30	36.30	1.62	11.250	I	10.470	I	0.280
11		3.3	620	30.20	30.20	6.21	38.630	I	37.200	I	0.840
12		3.2	235	49.70	49.70	9.03	13.340	I	12.070	I	0.400
13		2.3	603	32.50	32.50	2.80	22.590	I	21.380	I	0.770
14		2.7	415	47.90	47.90	3.97	12.740	I	12.190	I	0.350
15		5.0	645	37.80	37.80	4.91	16.760	I	15.940	I	0.510
16		3.5	2175	33.00	33.00	8.16	155.890	III*	149.970	II	3.630
17		3.6	2085	40.50	40.50	7.75	112.390	III*	108.180	II	2.610
18		5.2	783	34.40	34.40	3.27	14.310	I	13.480	I	0.610
19		7.0	1892	44.10	44.10	6.43	39.140	I	37.510	I	1.350
20		4.0	1995	41.00	41.00	8.34	101.450	III	98.050	II	2.680
21		4.3	1737	39.10	39.10	10.74	108.170	III	107.030	II	2.070
22		4.2	747	41.20	41.20	4.00	17.270	I	16.100	I	0.840
23		0.8	228	39.80	39.80	5.65	40.460	II	38.810	I	1.150
24		5.2	1071	27.30	27.30	3.95	30.090	I	28.410	I	0.920
25		2.15	810	36.50	36.50	7.54	77.830	III	74.210	I	1.750
26		4.1	650	34.30	34.30	6.27	28.980	I	27.220	I	0.740
27		2.9	179	30.50	30.50	5.17	10.460	I	9.570	I	0.360
28		4.2	352	36.50	36.50	4.67	10.720	I	9.830	I	0.440
29		12.9	1962	35.30	35.30	3.47	14.950	I	14.040	I	0.470
30		11.3	2115	44.20	44.20	4.57	19.350	I	18.340	I	0.510
31		8.8	3235	32.80	32.80	4.34	46.640	II	44.050	I	1.120
32		12.8	3530	42.40	42.40	11.96	77.390	III	74.670	I	1.630
33		14.6	2965	33.90	33.90	2.34	14.020	I	12.760	I	0.540
34		11.9	2496	39.90	39.90	2.45	12.880	I	11.620	I	0.530
35		10.1	2165	28.60	28.60	2.54	19.040	I	17.470	I	0.750
36		6.3	1475	32.60	32.60	3.55	25.500	I	23.410	I	1.290
37		11.4	4455	30.70	30.70	1.75	22.330	I	20.160	I	0.570
38		9.4	4720	36.00	36.00	3.39	47.280	II	45.470	I	0.910
39		6.2	2965	49.90	49.90	12.85	123.150	III*	118.450	II	2.160
40		10.5	6413	28.70	28.70	7.43	158.120	III*	151.730	II	2.020
41		9.4	3673	49.20	49.20	8.72	69.250	III	66.550	I	1.030
42		7.9	2900	36.60	36.60	2.91	29.190	I	27.580	I	0.700
43		7.7	3020	34.70	34.70	3.57	40.350	II	38.540	I	0.900
44		9.7	4745	28.40	28.40	1.53	26.350	I	24.800	I	0.450
45		6.2	2675	29.60	29.60	2.06	30.030	I	28.420	I	0.790
46		7.7	4855	30.10	30.10	2.22	46.810	II	43.640	I	1.370
47		9.7	3910	24.00	24.00	1.88	31.740	I	29.880	I	0.760
48		8.5	3600	35.70	35.70	3.75	44.490	II	42.120	I	0.830
49		10.5	4705	31.70	31.70	2.85	40.290	I	37.460	I	0.850
50		5.1	2540	43.20	43.20	6.11	71.140	III	67.530	I	1.220
51		6.4	910	39.20	39.20	4.00	14.510	I	13.670	I	0.290
52		7.5	2440	36.60	36.60	4.36	38.760	I	36.710	I	0.710
53		7.9	3405	34.30	34.30	2.70	33.930	I	32.290	I	0.750
54		11.1	5845	29.90	29.90	4.79	84.360	III	79.600	I	1.230
55		11.7	6035	30.50	30.50	5.63	95.200	III	90.980	I	1.610
56		15.8	7910	42.10	42.10	7.31	87.200	III	83.270	I	1.370
57		9.1	4530	28.50	28.50	4.15	72.490	III	68.990	I	1.310
58		6.4	2185	28.30	28.30	5.41	65.780	III	62.980	I	1.160
59		4.5	1480	27.80	27.80	5.22	61.760	III	58.560	I	1.180
60		11.6	1474	27.70	27.70	2.68	12.290	I	11.470	I	0.230

Appendix 2-11 Inside Geological Check of Mineralogical Analysis (1)

No.	Sample No.	Primary weight of dry sample (kg)	Weight of black sand after sieving (g)	Weight of specimen for mineralogical analysis (g)	Specimen for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Ilmenite		Zircon	
								Classes of content	Content (kg/t)	Classes of content	Content (kg/t)
61		6.4	1725	35.00	35.00	6.72	51.750	II	49.820	I	0.770
62		6.2	2220	29.30	29.30	6.80	83.100	III	79.190	I	1.340
63		12.7	2790	43.00	43.00	4.43	22.630	I	21.660	I	0.480
64		8.2	2215	27.90	27.90	3.88	37.790	I	35.750	I	0.780
65		7.6	1015	24.80	24.80	5.44	29.300	I	26.820	I	0.430
66		16.5	5657	39.00	39.00	9.92	87.210	III	83.510	II	2.020
67		9.5	3450	34.50	34.50	6.68	70.320	III	67.370	II	1.790
68		3.4	373	36.70	36.70	6.16	18.410	I	17.520	I	0.630
69		7.2	1635	33.40	33.40	13.29	90.360	III	87.160	I	1.770
70		6.6	1950	45.10	45.10	6.23	40.810	II	39.310	I	0.790
71		8.5	1470	28.70	28.70	5.80	34.950	I	33.440	I	0.540
72		11.3	785	35.40	35.40	7.76	15.230	I	14.620	I	0.260
73		9.5	880	36.10	36.10	6.49	16.650	I	15.370	I	0.590
74		8.5	1027	44.00	44.00	7.34	20.160	I	18.840	I	0.550
75		7.5	585	27.20	27.20	4.75	13.620	I	12.700	I	0.340
76		11.7	785	27.50	27.50	4.45	10.860	I	10.200	I	0.240
77		6.1	1713	35.80	35.80	6.44	50.520	II	47.380	I	1.100
78		7.9	2130	31.90	31.90	5.89	49.780	II	47.670	I	1.060
79		5.1	585	44.20	44.20	12.98	33.680	I	32.540	I	0.620
80		9.9	1605	36.60	36.60	9.10	40.310	II	38.710	I	0.660
81		9.1	2320	35.20	35.20	8.33	60.330	III	57.650	I	1.090
82		11.7	2156	27.40	27.40	3.41	22.930	I	21.860	I	0.540
83		16.8	9800	39.60	39.60	4.57	67.320	III	63.050	I	1.330
84		13.7	7665	38.80	38.80	4.63	66.760	III	63.880	I	1.150
85		7.4	2310	42.90	42.90	7.70	56.030	III	51.950	II	1.460
86		5.3	1575	30.40	30.40	9.07	88.660	III	84.260	II	2.050
87		11.0	2110	42.00	42.00	12.76	58.280	III	55.670	I	1.140
88		9.3	2000	38.50	38.50	11.49	64.180	III	61.560	I	1.170
89		7.9	1870	38.60	38.60	10.98	67.330	III	64.020	I	1.470
90		6.1	1675	30.30	30.30	15.29	138.560	III*	133.130	II	2.450

Classes of content:

Ilmenite: I 8.33-38.88 kg/t II 38,89-55.56 kg/t III > 55.56 kg/t

Zircon: I 0.16-1.57 kg/t II 1.58-3.15 kg/t III > 3.15 kg/t

**Appendix 2-12 Outside Geological Check of
Mineralogical Analysis**

Appendix 2-12 Outside Geological Check of Mineralogical Analysis

No.	Sample No.	Primary weight of dry sample (kg)	Weight of black sand after sieving (g)	Weight of specimen for mineralogical analysis (g)	Specimen for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Ilmenite			Zircon		
								Classes of content		Content (kg/t)	Classes of content		Content (kg/t)
								Basic	Checking	Checking	Basic	Checking	Checking
1	343	4.9	2266	36.5	36.20	4.57	58.98	II	II	52.66	II	II	1.98
2	344	4.4	1925	45.9	45.60	4.79	45.96	II	II	42.01	I	II	1.71
	344	4.4	1925	45.9	45.60	4.79	45.96	II	II	40.74	I	II	1.60
3	345	2.9	1035	34.1	34.40	5.85	60.69	III	II	53.46	II	II	2.11
	345	2.9	1035	34.1	34.40	5.85	60.69	III	II	53.42	II	II	2.28
4	346	3.5	1855	39.0	39.60	5.77	77.22	III	III	70.57	II	II	2.40
5	347	2.5	1435	33.7	33.30	7.10	122.38	III*	III*	111.37	I	I	3.24
6	348	5.5	969	41.7	41.40	7.33	31.19	I	I	25.25	I	I	0.51
7	349	2.0	560	41.5	41.10	7.93	54.02	II	II	47.58	I	I	0.90
8	350	1.7	509	41.5	41.20	14.46	105.08	III	III	91.68	II	II	1.87
9	351	1.4	415	45.9	45.60	1.58	10.27	I	I	9.02	I	I	0.39
10	352	2.5	630	37.4	36.90	1.78	12.16	I	I	10.15	I	I	0.42
11	353	3.3	620	34.4	33.90	8.61	47.72	I	I	35.69	I	I	1.07
12	354	3.2	235	54.8	54.40	23.08	31.15	I	I	11.26	I	I	0.47
13	355	2.3	603	35.9	35.60	3.76	27.69	I	I	25.69	I	I	1.10
14	356	2.7	415	50.9	50.60	5.03	15.28	I	I	13.81	I	I	0.72
15	357	5.0	645	42.2	42.00	7.12	21.87	I	I	16.31	I	I	0.65
16	358	3.5	2175	33.0	32.60	8.29	160.20	III*	III*	153.11	II	III	3.89
	358	3.5	2175	33.0	32.60	8.29	160.20	III*	III*	154.12	II	III	3.62
17	359	3.6	2085	43.8	43.50	8.95	120.84	III*	III*	114.21	II	II	3.15
18	360	5.2	783	33.2	32.80	3.45	15.84	I	I	13.98	I	I	0.60
19	361	7.0	1892	39.8	39.30	6.29	43.26	I	I	37.19	I	I	1.22
20	362	4.0	1995	43.7	43.50	9.35	107.20	III	III	98.02	II	II	2.66
21	363	4.3	1737	39.3	38.80	10.91	113.59	III	III	104.89	II	II	2.23
22	364	4.2	747	43.0	42.50	5.34	22.35	I	I	18.54	I	I	0.88
23	365	0.8	228	44.4	43.90	6.51	42.26	II	II	39.72	I	I	1.31
24	366	5.2	1071	29.4	29.10	5.64	40.31	I	I	31.18	I	I	0.91
25	367	2.2	810	39.4	39.20	7.91	76.02	III	III	70.68	I	II	1.85
	367	2.2	810	39.4	39.20	7.91	76.02	III	III	69.47	I	II	1.92
26	368	4.1	650	35.8	35.50	7.05	31.48	I	I	27.11	I	I	0.54
27	369	2.9	179	33.0	32.70	6.30	11.89	I	I	9.14	I	I	0.35
28	370	4.2	352	40.5	40.20	8.30	17.30	I	I	9.35	I	I	0.37
29	371	12.9	1962	38.1	37.90	4.55	18.26	I	I	15.45	I	I	0.44
30	372	11.3	2115	45.8	45.60	6.36	26.11	I	I	18.68	I	I	0.46
31	373	8.8	3235	33.8	33.40	4.62	50.85	II	II	47.60	I	I	1.11
32	374	12.8	3530	43.0	42.60	11.84	76.65	III	III	72.79	I	I	1.31
33	375	14.6	2965	36.1	35.60	5.83	33.26	I	I	12.32	I	I	0.51
34	376	11.9	2496	43.0	42.80	9.05	44.35	I	I	11.63	I	I	0.47
35	377	10.1	2165	33.5	33.30	7.75	49.89	I	I	16.06	I	I	0.65
36	378	6.3	1475	39.9	39.50	8.49	50.32	I	I	22.13	I	I	0.98
37	379	11.4	4455	35.0	34.80	2.06	23.13	I	I	19.87	I	I	0.54
38	380	9.4	4720	41.1	40.70	4.20	51.82	II	II	48.85	I	I	1.11
39	381	6.2	2965	54.8	54.60	14.87	130.24	III*	III*	122.90	II	II	1.99
40	382	10.5	6413	34.1	33.80	9.12	164.80	III*	III*	156.43	II	II	2.13
41	383	9.4	3673	55.7	55.40	10.77	75.96	III	III	71.66	I	I	1.39
42	384	7.9	2900	34.7	34.30	4.49	48.05	I	I	26.08	I	I	0.70
43	385	7.7	3020	30.2	30.00	5.19	67.85	II	II	40.39	I	I	0.94
44	386	9.7	4745	35.4	35.00	2.46	34.38	I	I	26.26	I	I	0.61
45	387	6.2	2675	32.5	32.20	2.67	35.76	I	I	30.63	I	I	0.70
46	388	7.7	4855	34.8	34.40	2.66	49.07	II	II	45.70	I	I	0.97
47	389	9.7	3910	26.9	26.50	2.47	37.76	I	I	34.52	I	I	0.87
48	390	8.5	3600	37.6	36.40	6.01	69.93	II	II	46.64	I	I	1.01
49	391	10.5	4705	40.3	40.10	4.19	46.82	I	I	36.39	I	I	0.71
	391	10.5	4705	40.3	40.10	4.19	46.82	I	I	36.39	I	I	0.71
50	392	5.1	2540	47.8	47.40	7.33	77.78	III	III	74.96	I	I	1.14
51	393	6.4	910	41.1	40.90	4.60	15.99	I	I	14.45	I	I	0.28
52	394	7.5	2440	36.0	35.60	4.50	41.12	I	I	38.88	I	I	0.70
53	395	7.9	3405	37.8	37.50	3.38	38.85	I	I	35.26	I	I	0.68

Appendix 2-12 Outside Geological Check of Mineralogical Analysis

No.	Sample No.	Primary weight of dry sample (kg)	Weight of black sand after sieving (g)	Weight of specimen for mineralogical analysis (g)	Specimen for separation (g)	Weight of heavy fraction (g)	Content of heavy fraction (kg/t)	Ilmenite			Zircon		
								Classes of content		Content (kg/t)	Classes of content		Content (kg/t)
								Basic	Checking	Checking	Basic	Checking	Checking
54	396	11.1	5845	32.5	32.10	5.39	88.42	III	III	82.90	I	I	1.17
55	397	11.7	6035	36.8	36.30	7.41	105.29	III	III	99.69	I	I	1.36
56	398	15.8	7910	47.4	47.10	9.18	97.88	III	III	88.99	I	I	1.57
57	399	9.1	4530	30.8	30.50	4.91	80.14	III	III	70.93	I	I	1.27
58	400	6.4	2185	30.7	30.40	5.91	66.89	III	III	63.88	I	I	1.37
59	401	4.5	1480	29.9	29.50	5.82	64.88	III	III	61.88	I	I	1.27
60	402	11.6	1474	31.5	31.10	3.60	14.71	I	I	13.34	I	I	0.29
61	403	6.4	1725	44.2	43.80	9.17	56.43	II	II	53.31	I	I	0.85
62	404	6.2	2220	33.4	33.10	8.34	90.22	III	III	80.83	I	I	1.13
63	405	12.7	2790	47.3	47.10	5.44	25.37	I	I	22.14	I	I	0.44
64	406	8.2	2215	30.3	29.90	4.90	44.54	I	I	35.10	I	I	0.64
65	407	7.6	1015	27.4	26.90	12.46	61.86	I	I	26.73	I	I	0.25
66	408	16.5	5657	48.4	48.10	13.29	94.73	III	III	88.17	II	II	2.03
67	409	9.5	3450	36.7	36.30	7.94	79.43	III	III	75.85	II	II	1.72
68	410	3.4	373	39.7	39.50	7.01	19.47	I	I	18.24	I	I	0.53
69	411	7.2	1635	33.5	33.00	13.77	94.75	III	III	91.87	I	I	1.57
70	412	6.6	1950	49.2	48.80	6.96	42.14	II	II	39.12	I	I	0.86
71	413	8.5	1470	30.9	30.40	5.83	33.17	I	I	31.65	I	I	0.66
72	414	11.3	785	38.4	38.00	9.58	17.51	I	I	14.49	I	I	0.29
73	415	9.5	880	40.0	39.80	9.20	21.41	I	I	15.76	I	I	0.54
74	416	8.5	1027	50.8	50.40	12.82	30.73	I	I	17.65	I	I	0.46
75	417	7.5	585	33.1	32.70	10.11	24.11	I	I	14.05	I	I	0.52
76	418	11.7	785	33.2	32.90	8.89	18.13	I	I	10.55	I	I	0.30
77	419	6.1	1713	40.1	39.90	11.23	79.04	II	III	57.55	I	I	1.37
	419	6.1	1713	40.1	39.90	11.23	79.04	II	III	57.34	I	I	1.40
78	420	7.9	2130	32.8	32.60	6.54	54.09	II	II	49.90	I	I	0.99
79	421	5.1	585	51.0	50.70	16.05	36.31	I	I	33.17	I	I	0.67
80	422	9.9	1605	38.4	38.10	10.01	42.59	II	II	39.38	I	I	0.77
81	423	9.1	2320	33.8	33.40	8.42	64.27	III	III	56.96	I	I	0.83
82	424	11.7	2156	30.6	30.40	4.49	27.22	I	I	25.93	I	I	0.47
83	425	16.8	9800	38.5	38.20	4.59	70.09	III	III	66.68	I	I	1.10
84	426	13.7	7665	41.4	41.10	5.19	70.65	III	III	66.02	I	I	1.39
85	427	7.4	2310	47.0	46.70	20.04	133.95	III	III	56.23	II	I	1.57
	427	7.4	2310	47.0	46.70	20.04	133.95	III	III	55.80	II	I	1.45
86	428	5.3	1575	32.2	31.80	10.04	93.82	III	III	86.49	II	II	1.92
87	429	11.0	2110	45.4	45.20	13.18	55.93	III	II	53.73	I	I	1.08
	429	11.0	2110	45.4	45.20	13.18	55.93	III	II	53.70	I	I	1.01
88	430	9.3	2000	40.6	40.30	11.52	61.47	III	III	59.12	I	I	0.01
89	431	7.9	1870	39.1	38.80	11.52	70.28	III	III	64.55	I	I	1.22
90	432	6.1	1675	33.9	33.50	17.96	147.21	III*	III*	139.10	II	II	2.71