

Appendix; Heavy mineral counts - grouped; data listing

Heavy mineral counts; grouped data

Sulfide

- PY = pyrite, fresh
- Pg = pyrite, goethite veneer

Hematite

- HM = hematite, gray
- Hr = hematite, red

Ilmenite

- IL = ilmenite, gray
- Ib = ilmenite, euhedral

Rutile

- RU = rutile, red to orange
- Rb = rutile, black

Goethite

- GO = goethite

Siderite

- SD = siderite

Monazite

- MZ = monazite

Garnet

- GA = garnet, pink
- Gj = garnet, orange
- Gp = garnet, rounded & etched

Zircon

- ZR = zircon, euhedral
- Ze = rounded
- Zp = zircon, purple round
- Za = zircon, angular/irregular

Kyanite

- KY = kyanite

Staurolite

- ST = staurolite

Titanite

- SP = titanite

Epidote

- EP = epidote
- Cz = clinozoisite

Orthopyroxene

- OR = orthopyroxene
- Oc = orthopyroxene, colorless
- BZ = bronzite

Clinopyroxene

- CP = clinopyroxene, undiff.
- Dp = diopside

Amphibole

- AM = clinoamphibole, undiff.
- Hb = hornblende, green
- Hc = hornblende, brown

Leucoxene

- LX = leucoxene

Unknown

- X1 = colorless, r.i.>1.56
- UK = unknown and unidentif

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Appendix. Mineralogy of the heavy mineral fraction; grouped

Field	Lab	Sulfide	Hematite	Ilmenite	Rutile	Goethite	Siderite	Monazite	Garnet	Zircon	Kyanite	Staurolite	Titanite	Epidote	OPX	CPX	Amph	Leucoxene	Unknown
A02	168	0.0	2.6	11.0	0.3	4.7	0.0	0.3	24.0	0.6	0.7	0.0	0.7	16.0	1.0	10.6	22.7	4.7	0.0
A03	68	0.0	5.6	25.4	0.3	4.3	0.0	0.0	20.7	2.3	0.0	0.0	0.3	19.0	0.3	1.7	17.4	2.3	0.3
A04	35	0.0	4.3	11.0	0.3	1.3	0.0	0.0	28.7	0.3	0.0	0.0	0.7	19.0	0.3	2.0	31.3	0.3	0.3
A05	38	0.0	2.7	13.0	1.3	2.0	0.0	0.3	28.7	2.3	0.0	0.0	0.0	16.7	0.3	4.7	22.3	4.7	1.0
A06	209	0.0	1.7	9.7	0.3	2.7	0.0	0.0	8.3	0.0	0.3	0.0	0.7	32.4	0.0	9.0	29.7	5.3	0.0
A07	255	0.0	1.3	16.7	0.0	6.0	0.0	0.3	21.7	2.0	0.0	0.0	0.7	17.0	1.3	3.0	27.3	1.0	1.6
A08	119	0.3	4.0	21.0	1.3	1.3	0.0	0.0	21.7	4.3	0.0	0.0	0.0	15.0	0.3	2.4	25.7	2.3	0.3
A09	241	0.0	1.6	8.6	1.0	3.3	0.0	0.0	21.0	1.0	0.0	0.0	0.0	23.3	0.0	4.0	34.0	1.7	0.3
A10	133	0.0	7.0	31.7	0.6	6.3	0.0	0.0	17.7	3.0	0.0	0.0	0.0	13.3	0.0	2.0	14.4	3.7	0.3
A11	5	0.0	11.3	24.7	2.7	4.7	0.0	0.0	11.0	2.3	0.0	0.3	0.0	16.0	1.7	2.0	15.3	6.0	2.0
A12	126	0.0	4.4	33.0	0.3	11.7	0.0	0.0	13.3	5.0	0.0	0.0	0.0	14.6	0.0	3.7	9.0	3.7	1.3
A13	137	0.0	2.0	2.0	0.3	93.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.3	1.0
B02	118	0.0	3.3	32.0	3.0	3.0	0.0	0.3	20.3	5.4	0.0	0.3	0.0	17.4	0.3	1.0	12.0	1.0	0.7
B03	82	0.0	1.6	11.7	0.6	6.3	0.0	0.0	23.7	1.3	0.0	0.3	0.3	16.4	0.3	5.3	27.4	4.3	0.3
B04	91	0.3	1.0	7.7	1.6	4.3	0.0	0.0	22.7	1.9	0.3	0.0	0.0	25.0	1.6	4.4	26.3	2.7	0.0
B05	240	0.0	2.3	11.0	0.6	4.0	0.0	0.3	20.0	3.0	0.0	0.0	1.0	16.3	2.3	7.7	29.3	2.0	0.3
B06	153	0.0	2.0	26.4	1.0	1.7	0.0	0.0	20.3	2.0	0.3	0.0	0.3	16.7	0.7	3.0	23.4	2.3	0.0
B07	233	0.0	2.3	23.0	1.3	3.3	0.0	0.3	25.6	2.3	0.3	0.0	0.0	10.3	1.6	4.6	22.6	1.7	0.7
B08	245	0.0	2.0	17.0	0.3	2.7	0.0	0.0	24.6	2.0	0.0	0.0	0.0	17.0	0.7	7.0	22.3	4.3	0.0
B09	98	0.0	3.7	34.3	1.0	4.0	0.0	0.0	15.6	2.0	0.0	0.0	0.0	18.7	1.3	2.3	15.3	1.7	0.0
B10	11	0.0	6.4	23.7	1.3	2.3	0.0	0.7	12.3	1.3	0.0	0.0	0.3	15.7	0.0	1.0	26.0	8.0	1.0
B11	56	0.0	3.6	20.4	1.4	10.0	0.0	0.3	13.3	0.7	0.0	0.3	0.0	21.7	1.0	5.7	18.7	3.0	0.0
B12	173	0.7	2.7	7.0	2.3	61.3	0.0	0.0	4.0	7.6	0.0	0.0	0.0	7.0	0.3	0.0	1.7	5.3	0.0
C02	189	0.0	3.0	18.3	1.7	2.7	0.0	0.0	21.6	3.3	0.0	0.0	0.3	21.7	0.3	1.0	23.3	2.7	0.0
C03	51	0.0	3.3	9.3	1.0	2.0	0.0	0.0	21.7	1.0	0.3	0.0	0.7	20.7	1.9	1.7	33.6	2.0	0.7
C04	6	0.0	3.4	17.3	1.4	2.3	0.0	0.0	19.3	0.7	0.0	0.0	0.0	20.7	4.0	4.7	22.4	2.7	1.0
C05a	93	0.0	2.0	20.4	2.0	2.7	0.0	0.0	14.7	0.3	0.0	0.0	0.0	12.3	0.7	8.7	29.3	5.7	1.4
C05b	46	0.0	2.7	7.6	1.0	1.3	0.0	0.0	21.0	1.3	0.0	0.3	1.3	20.4	0.6	2.7	36.4	1.3	2.0
C06	237	0.3	1.3	16.3	1.3	7.0	0.0	0.3	21.7	3.0	0.0	0.0	0.3	10.3	1.6	4.7	23.3	7.7	1.0
C07	145	0.0	1.0	25.7	1.0	4.0	0.0	0.0	22.6	3.0	0.0	0.0	0.0	12.6	0.0	4.3	21.3	3.7	0.7
C08	136	1.3	1.7	21.6	0.7	1.7	0.0	0.0	31.3	4.0	0.3	0.0	0.0	17.0	0.3	2.0	12.9	3.3	1.7
C09	131	14.6	2.0	14.3	0.3	3.7	9.7	0.0	22.0	1.4	0.0	0.0	0.0	11.3	0.0	5.4	13.6	1.0	0.7
C10	210	0.0	3.3	20.0	1.0	8.7	0.0	0.7	20.7	2.0	0.0	0.0	0.3	18.7	0.6	1.0	17.9	5.0	0.0
C11	169	0.0	3.0	23.3	2.6	6.3	0.0	0.0	20.4	5.3	0.7	0.0	0.3	19.0	0.0	2.0	10.4	6.7	0.0
C12	166	0.0	5.7	33.4	0.3	2.7	0.0	0.0	13.7	11.0	0.3	0.3	0.0	16.3	0.0	2.7	8.6	5.0	0.0
D02	143	0.0	3.7	11.0	1.4	4.0	0.0	0.3	23.0	1.6	1.3	0.0	0.0	18.3	0.0	3.3	28.3	3.3	0.3
D03	149	0.0	2.0	12.0	0.6	2.3	0.0	0.0	20.9	2.7	0.3	0.0	0.3	27.3	0.0	3.6	25.4	2.3	0.3
D04	9	0.0	4.7	13.0	0.0	2.7	0.0	0.0	15.3	1.3	0.0	0.3	0.7	21.6	4.0	2.7	30.4	3.0	0.3
D05	106	19.7	0.3	12.0	0.3	5.7	0.0	0.0	16.3	0.0	0.0	0.3	1.0	11.0	1.3	2.3	27.6	2.0	0.0
D06	3	11.3	4.6	16.4	3.3	2.7	9.7	0.3	14.3	2.6	0.0	0.0	0.0	14.0	1.0	2.0	13.7	2.3	1.7
D07	14	0.0	4.4	24.0	0.7	2.0	0.0	0.7	28.7	0.3	0.0	0.0	0.0	15.6	2.6	3.0	14.7	2.7	0.7
D08	230	7.3	2.0	13.6	0.3	2.0	11.7	0.0	20.3	1.7	0.0	0.0	0.0	9.3	0.3	7.0	19.0	4.0	1.4

Appendix. Mineralogy of the heavy mineral fraction; grouped

Field	Lab	Sulfide	Hematite	Ilmenite	Rutile	Goethite	Siderite	Monazite	Garnet	Zircon	Kyanite	Staurolite	Titanite	Epidote	OPX	CPX	Amph	Leucoxene	Unknown
D09	139	0.0	1.3	21.7	1.0	3.3	0.0	0.0	19.3	3.9	0.7	0.0	0.3	18.0	1.3	4.3	23.0	1.3	0.7
D10	127	18.0	1.0	12.6	0.0	2.3	9.7	0.0	11.6	0.6	0.0	0.3	0.0	11.7	0.7	5.3	23.4	2.3	0.3
D11	39	0.3	7.6	25.3	0.3	9.7	0.0	0.0	11.6	0.3	0.0	1.7	0.7	16.6	0.3	2.0	20.9	2.7	0.0
D12	225	0.0	4.3	15.6	1.0	15.0	0.0	0.0	16.6	2.9	0.3	0.0	0.0	22.4	0.7	2.7	14.3	4.0	0.0
E02	92	0.0	2.4	4.0	0.0	2.3	0.0	0.0	14.3	0.3	0.3	0.0	1.3	16.7	3.3	3.0	51.7	0.3	0.0
E03	190	0.3	1.4	18.0	1.3	3.0	0.0	0.0	26.3	3.3	0.3	0.3	0.0	18.0	0.0	2.0	22.7	3.0	0.0
E04	186	0.0	3.4	15.0	1.0	3.7	0.0	0.0	23.7	2.0	0.0	0.3	0.0	18.4	0.0	4.3	23.7	4.3	0.3
E05	61	0.0	1.3	8.3	0.6	5.3	0.0	0.0	22.7	0.6	0.0	0.0	0.7	10.0	1.3	12.0	35.6	0.7	0.7
E06	12	0.3	1.3	31.0	0.3	3.0	0.0	0.0	20.7	2.6	0.3	0.3	0.7	15.3	3.0	2.3	13.6	5.0	0.3
E07	195	28.6	3.3	13.7	1.0	3.7	4.7	0.0	19.4	2.0	0.3	0.0	1.7	3.7	1.0	4.0	11.4	1.3	0.3
E08	113	0.0	3.0	26.7	1.4	4.0	0.0	0.3	18.4	3.3	0.7	0.0	0.0	16.0	1.3	3.4	18.4	2.3	0.7
E09	181	0.0	1.7	21.3	0.3	3.7	0.0	0.0	19.3	2.4	0.7	0.3	0.0	19.7	1.0	4.0	23.7	2.0	0.0
E10	101	0.3	4.0	18.3	0.3	11.0	0.0	0.3	10.7	0.7	0.0	0.3	0.0	21.0	0.6	6.7	22.4	3.3	0.0
E11	167	0.0	4.6	36.0	0.0	6.3	0.0	0.0	11.0	2.7	0.0	0.0	0.0	18.3	0.3	2.4	15.3	2.3	0.7
F02	185	0.0	2.7	6.3	0.0	2.3	0.0	0.0	13.0	1.3	0.3	0.0	0.3	21.6	1.0	4.7	43.3	2.7	0.3
F03	198	0.0	3.7	17.0	1.3	3.0	0.0	0.0	28.3	2.0	0.3	0.0	0.0	15.3	0.3	6.7	19.0	3.0	0.0
F04	211	7.3	2.0	9.6	1.4	17.7	0.0	0.0	11.0	1.6	0.7	0.0	0.0	15.3	0.3	6.3	24.0	2.0	0.7
F05	142	0.0	0.3	27.6	1.0	4.7	0.0	0.0	15.7	3.4	0.3	0.0	0.0	11.7	1.4	7.0	25.7	1.0	0.3
F06	57	13.6	2.0	12.0	0.3	2.7	7.0	0.3	18.3	0.0	0.0	0.0	0.7	11.0	0.6	8.4	21.6	1.0	0.3
F07	64	0.0	1.3	5.6	0.7	3.3	0.0	0.0	25.3	1.7	0.7	0.7	0.7	12.6	1.4	10.0	34.7	1.3	0.0
F08A	269	0.0	1.3	5.7	0.6	2.7	0.0	0.0	18.4	2.4	0.3	0.3	0.3	17.3	0.0	4.3	44.7	1.0	0.7
F08B	264	3.7	3.6	15.0	0.0	3.3	0.7	0.0	16.3	2.0	0.0	0.0	1.7	21.3	0.3	5.0	24.3	2.0	0.7
F09	229	0.0	4.0	19.3	1.6	8.3	0.0	0.0	11.3	2.9	0.0	0.0	0.0	28.7	0.0	1.7	12.6	8.3	1.3
F10	158	0.0	1.3	32.6	1.4	19.7	0.0	0.0	12.6	4.4	0.0	0.3	0.0	17.4	0.0	3.0	4.7	2.7	0.0
G02	125	0.3	2.6	19.7	2.0	5.0	0.0	0.0	11.7	4.0	0.0	0.0	0.3	18.0	0.6	7.3	26.7	1.3	0.3
G03	94	0.3	3.7	11.6	0.7	2.0	0.0	0.3	19.3	1.7	0.3	0.0	0.3	21.7	1.0	5.3	30.0	1.7	0.0
G04	163	0.0	1.0	21.6	1.0	2.3	0.0	0.0	28.6	1.0	0.7	0.0	0.0	16.0	0.3	5.4	20.1	0.7	1.3
G05	236	0.0	2.7	19.6	0.7	6.0	0.0	0.0	22.7	2.7	0.0	0.0	1.0	19.7	0.7	5.0	14.0	3.7	1.7
G06	90	0.0	2.7	22.0	2.0	3.0	0.0	0.3	15.0	6.0	0.0	0.0	0.0	16.7	1.6	5.3	22.0	2.0	1.3
G07	174	0.0	2.7	10.7	0.3	2.7	0.0	0.0	26.3	0.7	0.0	0.0	0.0	18.0	0.0	4.3	33.7	0.7	0.0
G08	193	0.0	2.7	12.3	0.7	3.3	0.0	0.0	18.0	2.0	0.7	0.0	0.3	17.4	0.6	6.3	31.3	3.3	1.0
G09	232	0.0	3.6	17.0	0.0	2.7	0.0	0.0	17.6	0.7	0.3	0.0	0.3	15.6	2.3	14.0	25.0	0.7	0.0
G10	22	0.0	12.6	44.3	0.3	6.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	4.3	5.0	17.4	2.7	1.0	1.0
H02	222	0.0	1.0	20.4	0.7	3.7	0.0	0.0	22.0	1.7	0.0	0.0	0.7	14.3	0.7	5.7	26.4	2.3	0.3
H03	179	0.0	1.7	34.4	1.0	1.3	0.0	0.3	24.6	2.0	0.0	0.0	0.0	15.7	0.3	2.3	15.3	1.0	0.0
H04	105	0.0	0.0	16.3	0.3	3.7	0.0	0.0	19.3	1.7	0.7	0.0	0.3	11.3	1.6	9.4	34.7	0.3	0.3
H05	124	0.0	1.0	21.6	1.0	3.0	0.0	0.3	16.7	2.0	0.0	0.0	0.0	19.0	1.7	7.3	22.0	4.3	0.0
H06	77	0.0	2.3	6.7	0.6	1.3	0.0	0.0	22.7	0.6	0.0	0.0	0.7	18.0	1.3	9.0	36.4	0.3	0.0
H07	170	0.0	1.0	14.4	1.3	2.3	0.0	0.0	19.7	1.4	0.0	0.3	0.0	24.3	0.3	6.0	27.0	2.0	0.0
H08	132	1.0	2.3	21.7	1.0	2.7	0.0	0.0	16.6	0.9	0.0	0.3	0.0	23.0	0.7	3.7	24.7	1.3	0.0
H09	271	0.0	8.0	28.0	0.0	5.0	0.0	0.0	3.0	0.3	0.0	0.0	0.0	8.3	2.7	38.4	6.4	0.0	0.0
H10	7	0.0	15.7	23.3	0.0	3.3	0.0	0.0	1.7	0.0	0.0	0.0	0.0	2.3	3.3	43.0	6.0	0.3	1.0

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Field	Lab	Sulfide	Hematite	Ilmenite	Rutile	Goethite	Siderite	Monazite	Garnet	Zircon	Kyanite	Staurolite	Titanite	Epidote	OPX	CPX	Amph	Leucoxene	Unknown
I02	34	0.0	3.0	20.4	1.0	1.3	0.0	0.7	15.7	2.3	0.0	0.0	0.0	19.0	2.4	4.7	26.6	2.0	1.0
I03	87	0.3	0.6	12.0	1.0	2.3	0.0	0.0	25.4	1.3	0.0	0.0	0.0	15.7	2.0	10.3	28.0	1.0	0.0
I04	165	0.0	1.3	19.4	0.7	2.3	0.0	0.0	26.0	2.0	0.0	0.0	0.0	19.4	0.0	5.3	21.7	1.7	0.3
I05	217	0.0	2.4	10.7	0.6	2.3	0.0	0.0	27.4	0.7	0.0	0.0	0.0	20.6	0.0	5.4	28.3	1.3	0.3
I06	13	0.0	2.7	18.7	0.3	1.0	0.0	1.3	25.7	0.0	0.0	0.7	0.0	16.0	7.0	2.3	23.0	1.3	0.0
I07	86	0.0	2.4	17.0	1.7	5.0	0.0	0.0	18.7	1.4	0.0	0.0	0.0	21.3	0.7	8.0	22.7	1.0	0.0
I08	73	0.0	5.3	20.3	0.7	2.0	0.0	0.0	14.0	0.3	0.3	0.3	0.0	11.4	2.3	11.7	30.4	0.7	0.3
I09	60	0.0	6.6	27.6	1.7	2.0	0.0	0.0	9.3	1.0	0.0	0.0	0.3	13.3	4.6	13.0	19.9	0.7	0.0
I10	155	0.0	1.0	25.0	1.0	3.3	0.0	0.0	24.3	2.0	0.0	0.0	0.7	14.7	0.3	7.3	18.3	2.0	0.0
J02	66	0.0	3.3	13.3	1.0	3.7	0.0	0.0	24.0	0.7	0.0	0.0	0.3	17.3	1.0	6.0	28.7	0.3	0.3
J03	47	0.3	2.4	2.7	0.7	5.3	0.0	0.3	19.7	0.0	0.0	0.0	0.3	20.4	2.4	16.3	29.0	0.0	0.3
J04	103	0.0	1.6	22.0	1.3	0.7	0.0	0.0	24.7	2.0	0.0	0.0	0.3	17.0	1.0	3.6	23.6	1.7	0.3
J05	226	0.0	3.4	11.3	0.3	0.3	0.0	0.0	26.7	2.0	0.0	0.0	0.7	19.6	0.0	6.0	27.7	2.0	0.0
J06	183	0.0	1.0	10.4	0.0	3.0	0.0	0.3	14.0	2.3	0.7	0.0	0.7	20.3	2.9	10.7	31.7	1.7	0.3
J07	204	0.0	6.0	30.4	0.6	3.7	0.0	0.0	9.7	1.7	0.3	0.0	0.3	11.3	1.3	11.6	20.6	0.7	1.7
J08	107	0.0	2.0	13.4	0.7	4.0	0.0	0.0	15.4	2.3	0.3	0.3	0.0	18.0	3.3	7.7	31.6	1.0	0.0
J09	130	0.0	5.3	39.3	0.7	2.7	0.0	0.0	17.0	1.0	0.0	0.0	0.0	13.7	0.0	5.3	14.3	0.7	0.0
J10	20	12.4	0.7	14.0	0.0	2.3	3.3	0.0	20.7	0.0	0.0	0.0	1.3	11.0	2.7	11.0	18.6	1.7	0.3
K02	273	17.0	1.7	12.7	0.0	1.3	1.0	0.0	16.0	1.6	0.7	0.0	0.3	20.3	0.7	4.3	20.0	2.0	0.3
K03	41	0.0	1.0	12.0	1.0	3.3	0.0	0.0	23.3	0.3	0.3	0.3	0.7	20.6	2.0	11.3	22.7	0.7	0.3
K04	250	0.0	2.4	19.3	0.7	5.0	0.0	0.0	21.0	2.3	0.0	0.0	0.3	22.0	0.3	7.0	15.3	2.7	1.7
K05	21	0.7	1.3	10.7	1.0	1.7	0.0	0.0	18.4	0.7	0.0	0.0	0.7	21.3	2.7	6.0	32.4	2.0	0.3
K06	261	0.0	3.7	45.3	0.3	3.7	0.0	0.0	4.3	0.3	0.0	0.0	0.3	8.6	1.0	23.3	8.7	0.3	0.0
K07	148	0.0	7.0	42.3	0.0	5.3	0.0	0.0	5.4	0.0	0.0	0.0	0.0	6.3	2.0	23.0	7.6	0.3	0.7
K08	121	0.0	7.3	41.0	0.3	3.0	0.0	0.3	5.3	0.3	0.0	0.0	0.0	3.3	6.3	24.0	6.0	1.0	1.7
K09	111	0.0	8.7	65.7	0.3	6.0	0.0	0.0	4.3	0.3	0.0	0.0	0.0	4.0	4.6	2.0	1.3	0.7	2.0
K10	228	0.0	7.0	31.0	0.3	7.3	0.0	0.0	9.3	0.3	0.0	0.0	0.0	13.4	1.3	13.7	14.7	1.7	0.0
L02	18	0.0	1.0	9.0	0.3	6.3	0.0	0.0	35.7	1.3	0.0	0.7	0.3	11.3	1.0	5.3	25.3	2.3	0.0
L03	251	0.0	1.3	10.7	0.0	4.3	0.0	0.0	12.7	1.0	0.0	0.0	0.7	22.7	0.3	7.0	35.3	1.7	2.4
L04	220	0.7	2.6	15.7	0.7	3.0	0.0	0.3	18.6	2.7	0.0	0.0	0.3	15.3	0.0	7.3	29.3	2.0	1.3
L05E	23	0.0	4.0	13.7	1.0	2.7	0.0	0.0	13.7	0.0	0.0	0.3	0.0	23.0	2.3	8.0	29.0	2.0	0.3
L05W	4	0.0	5.7	13.0	1.7	3.3	0.3	0.3	11.0	1.7	0.0	0.3	0.0	22.0	7.7	4.3	25.7	1.0	2.0
L06E	40	0.0	7.7	41.7	1.0	3.0	0.0	0.0	8.7	0.3	0.0	0.0	0.0	13.6	4.0	11.0	8.3	0.7	0.0
L06WA	218	0.0	5.0	13.6	0.0	3.7	0.0	0.3	16.6	0.6	0.3	0.0	0.3	19.4	0.3	11.6	25.0	3.0	0.3
L06WB	184	7.0	2.3	11.3	1.3	2.0	0.0	0.3	18.7	4.3	0.0	0.7	0.0	16.3	0.7	3.0	29.3	2.3	0.3
L07	44	0.0	6.7	45.0	1.7	3.7	0.0	0.0	7.0	0.7	0.0	0.0	0.0	15.0	1.3	4.3	14.0	0.0	0.7
L08	267	0.3	3.4	36.0	0.7	4.7	0.0	0.7	10.3	0.6	0.0	0.0	0.0	16.7	0.3	5.3	20.0	0.7	0.3
L09	19	0.0	8.3	40.0	0.0	1.7	0.0	0.0	4.3	0.0	0.0	0.0	0.0	3.3	6.0	30.4	4.3	0.3	1.3
L10	99	0.0	10.7	51.0	0.6	3.0	0.0	0.3	13.6	1.3	0.0	0.0	0.0	6.7	5.0	4.0	3.0	0.0	0.7
L11	150	0.0	6.0	41.3	0.3	4.7	0.0	0.0	5.3	0.0	0.0	0.0	0.0	1.3	0.0	39.0	2.0	0.0	0.0
M02	78	0.3	5.4	9.7	0.7	5.0	0.0	0.0	18.0	1.0	0.7	0.3	0.3	13.0	2.6	11.7	29.7	1.3	0.3
M03	152	0.0	1.4	14.3	0.3	1.7	0.0	0.0	22.0	5.3	0.3	0.0	0.3	24.0	0.3	7.7	20.0	2.0	0.3

Appendix. Mineralogy of the heavy mineral fraction; grouped

Field	Lab	Sulfide	Hematite	Ilmenite	Rutile	Goethite	Siderite	Monazite	Garnet	Zircon	Kyanite	Staurolite	Titanite	Epidote	OPX	CPX	Amph	Leucoxene	Unknown
M04	248	0.0	2.3	11.0	0.3	3.7	0.0	0.0	19.6	1.3	0.0	0.0	0.7	22.3	0.0	6.4	28.4	3.3	0.7
M05	29	0.0	3.0	11.0	1.4	3.3	0.0	0.0	15.0	0.3	0.0	0.3	0.3	23.0	1.6	12.0	28.6	0.0	0.0
M06	49	0.0	2.7	7.3	0.0	3.7	0.0	0.0	13.7	0.0	0.0	0.0	0.0	22.3	3.0	7.3	38.3	1.0	0.6
M07	172	0.0	4.4	44.3	1.0	4.7	0.0	0.0	12.3	1.7	0.0	0.0	0.0	13.0	0.6	7.7	10.0	0.3	0.0
M08	128	0.0	7.0	42.0	0.0	2.7	0.0	0.0	10.7	0.3	0.0	0.3	0.0	6.7	2.6	15.6	10.0	1.0	1.0
M09	180	0.0	11.3	52.4	0.0	5.7	0.0	0.0	4.0	0.3	0.0	0.0	0.0	1.0	0.6	20.7	3.3	0.7	0.0
M10	188	0.0	18.0	48.7	0.3	6.3	0.0	0.0	4.7	1.0	0.0	0.0	0.0	4.0	1.0	11.4	3.0	1.7	0.0
M11	120	0.0	32.7	55.3	0.7	4.0	0.0	0.0	3.0	0.3	0.3	0.0	0.0	0.7	1.7	0.3	1.0	0.0	0.0
N03	215	0.0	2.3	9.0	0.6	3.7	0.0	0.0	28.3	2.0	0.0	0.0	0.0	16.7	0.3	3.3	31.3	2.0	0.3
N04	147	0.0	1.7	12.3	1.3	6.7	0.0	0.3	19.0	2.0	1.0	0.0	0.3	9.3	1.7	4.6	35.3	3.0	1.3
N05	138	0.0	0.3	15.0	1.0	1.3	0.0	0.0	17.9	2.6	0.0	0.0	0.3	32.6	0.0	3.7	24.3	0.3	0.7
N06	202	0.0	3.0	15.0	0.0	1.0	0.0	0.0	15.0	1.3	0.0	0.0	0.0	25.7	1.6	7.0	29.7	0.3	0.3
N07	16	0.0	4.7	36.3	0.0	4.7	0.0	0.0	5.3	0.0	0.0	0.0	0.3	13.3	16.0	4.3	14.3	0.7	0.0
N08	259	0.0	8.0	31.3	0.0	4.7	0.0	0.0	6.3	0.3	0.0	0.0	0.0	8.0	1.7	34.0	5.0	0.7	0.0
N09	32	0.0	13.7	25.0	1.3	2.7	0.0	0.0	13.3	0.6	0.0	0.3	0.0	13.0	1.4	13.3	13.7	1.0	0.7
N10	242	0.0	14.3	39.0	0.3	5.0	0.0	0.0	5.3	0.3	0.0	0.0	0.0	3.7	0.0	28.3	2.7	0.7	0.3
N11	266	0.0	12.0	55.0	0.0	11.0	0.0	0.3	2.7	0.0	0.0	0.0	0.0	5.0	0.0	6.0	3.3	0.7	4.0
N12	270	0.0	19.0	33.7	0.0	3.7	0.0	0.0	4.0	0.7	0.0	0.0	0.3	1.3	0.0	35.0	2.0	0.3	0.0
O03	177	0.0	1.0	14.3	0.0	3.0	0.0	0.0	23.0	3.9	0.0	0.3	1.7	17.3	0.6	8.4	24.0	2.3	0.0
O04	8	0.0	4.7	13.0	0.7	4.3	0.0	0.0	15.0	4.6	0.0	0.0	0.0	26.3	4.0	2.3	22.3	2.3	0.3
O05	272	0.0	2.7	7.7	0.7	2.7	0.0	0.0	14.0	2.7	0.0	0.0	0.7	30.7	0.0	6.4	29.3	1.0	1.3
O06	207	0.0	1.0	8.7	0.7	3.7	0.0	0.0	12.7	0.7	0.0	0.0	0.3	29.6	0.3	9.6	32.3	0.3	0.0
O07	182	0.0	5.0	34.7	0.0	4.7	0.0	0.0	8.7	1.3	0.0	0.0	0.0	12.7	0.0	16.7	16.1	0.0	0.0
O08	212	0.0	10.7	33.0	0.7	15.3	0.0	0.0	9.0	0.3	0.0	0.0	0.3	11.7	0.0	5.7	9.0	1.0	3.3
O09	246	0.0	10.0	36.0	0.0	7.7	0.0	0.3	6.7	0.7	0.0	0.3	0.0	21.3	0.3	4.3	12.0	0.0	0.3
O10	162	0.0	3.0	27.7	0.3	6.0	0.0	0.0	5.3	0.3	0.3	0.0	0.0	6.6	1.7	38.7	9.7	0.3	0.0
O11	221	0.7	19.0	30.3	0.0	6.7	0.0	0.0	5.0	0.6	0.0	0.0	0.0	5.3	2.3	27.0	2.7	0.3	0.0
O12	65	0.0	13.0	34.0	0.3	3.0	0.0	0.3	13.3	0.3	0.0	0.0	0.0	6.6	1.0	26.0	1.7	0.3	0.0
P03	37	0.0	4.0	14.0	0.7	2.7	0.0	0.0	30.0	1.0	0.0	0.0	0.0	16.4	0.7	7.3	20.0	3.0	0.3
P04	28	0.0	2.7	11.3	2.0	2.3	0.0	0.0	21.7	2.0	0.0	0.0	0.0	24.7	1.3	6.0	22.6	3.0	0.3
P05	206	0.0	0.0	6.7	0.3	1.3	0.0	0.0	14.0	0.6	0.0	0.0	0.7	27.3	0.0	9.0	38.7	0.7	0.7
P06	268	0.0	1.3	12.0	0.0	2.3	0.0	0.0	16.0	1.0	0.3	0.0	0.3	21.6	0.0	7.7	36.1	0.7	0.7
P07	48	0.0	2.0	8.7	0.6	2.3	0.0	0.0	16.3	1.0	0.0	0.0	0.7	27.3	1.7	7.3	30.4	0.3	1.3
P08	247	0.0	0.7	10.7	1.0	1.7	0.0	0.0	24.7	0.0	0.0	0.0	1.3	21.6	0.6	6.3	29.0	1.7	0.6
P09	154	0.0	9.4	23.3	0.0	14.3	0.0	0.0	12.3	3.3	0.0	0.0	0.0	14.3	0.0	12.3	10.0	0.7	0.0
P10	157	0.0	4.3	29.0	1.3	5.3	0.0	0.0	5.0	0.3	0.0	0.0	0.0	3.7	2.3	39.6	7.4	1.0	0.7
P11	123	0.0	2.0	15.3	0.0	2.0	0.0	0.0	0.3	1.0	0.0	0.0	0.0	2.0	1.3	72.0	3.7	0.0	0.3
P12	62	0.0	3.6	23.3	0.3	3.7	0.0	0.0	2.7	0.0	0.0	0.0	0.3	3.3	1.3	58.0	3.0	0.3	0.0
P13	10	0.0	14.7	27.0	0.0	8.7	0.0	0.0	3.0	0.3	0.0	0.0	0.0	4.0	10.7	29.3	1.0	0.7	0.7
Q02	72	0.0	3.3	7.0	0.3	3.0	0.0	0.3	15.6	1.3	0.0	0.0	1.0	21.0	0.6	5.3	39.0	1.3	1.0
Q03	200	25.3	1.0	10.3	0.0	3.7	7.0	0.0	17.0	0.6	0.0	0.0	0.3	11.0	0.0	4.7	16.7	2.0	0.3
Q03A	129	0.7	2.4	10.0	0.7	3.3	0.0	0.0	21.0	2.6	0.3	0.0	0.0	21.3	0.0	7.3	29.3	1.0	0.0

Appendix. Mineralogy of the heavy mineral fraction; grouped

Field	Lab	Sulfide	Hematite	Ilmenite	Rutile	Goethite	Siderite	Monazite	Garnet	Zircon	Kyanite	Staurolite	Titanite	Epidote	OPX	CPX	Amph	Leucoxene	Unknown
Q04	257	0.0	3.0	5.3	0.6	2.7	0.0	0.0	14.6	0.3	0.0	0.0	1.0	28.4	0.0	9.4	32.0	1.3	1.4
Q05	203	0.0	1.4	10.3	0.3	0.7	0.0	0.3	15.3	0.7	0.0	0.0	0.7	24.0	1.7	9.3	34.3	0.7	0.3
Q06	108	0.0	2.0	10.0	0.0	0.3	0.0	0.0	23.3	1.3	0.0	0.0	0.7	24.0	0.0	9.3	27.3	0.7	1.0
Q07	17	0.0	1.0	16.0	0.3	1.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	29.3	3.3	5.6	27.0	0.3	0.0
Q08	156	0.0	2.0	19.7	1.6	6.7	0.0	0.0	18.3	1.7	0.0	0.0	0.7	21.3	0.3	3.3	22.6	1.3	0.3
Q09	96	0.3	4.0	9.7	0.3	5.3	0.0	0.0	16.7	0.7	0.0	0.7	0.0	19.3	0.7	8.0	33.7	0.7	0.0
Q10	275	0.0	8.4	19.0	0.3	9.3	0.0	0.0	7.0	1.0	0.0	0.3	0.3	15.3	1.0	21.0	13.6	1.0	2.4
Q11	58	0.0	6.3	18.7	1.3	5.3	0.0	0.0	4.7	0.0	0.0	0.0	0.0	16.0	13.4	14.0	19.3	1.0	0.0
Q12	97	0.0	2.0	20.0	0.3	1.0	0.0	0.0	4.0	0.0	0.0	0.3	0.0	3.6	18.7	46.0	3.3	0.7	0.0
Q13	263	0.0	4.0	7.0	0.0	2.7	0.0	0.0	2.4	0.0	0.0	0.0	0.3	2.7	0.0	77.0	3.0	0.7	0.3
R02	253	0.0	1.0	12.0	0.3	0.3	0.0	0.0	21.0	2.6	0.3	0.0	0.7	23.0	0.6	6.0	30.4	1.3	0.3
R03	15	0.7	4.0	14.0	0.3	2.0	0.0	0.0	26.3	0.6	0.0	0.3	0.0	14.6	4.3	3.0	27.0	1.7	1.0
R04	199	0.0	2.7	9.7	1.3	1.0	0.0	0.0	19.6	1.6	0.0	0.0	0.7	24.4	0.3	7.4	29.1	2.0	0.3
R05	219	0.0	1.6	12.7	0.3	1.7	0.0	0.3	22.6	2.4	0.3	0.0	0.0	20.6	0.0	4.7	31.7	0.3	0.7
R06	164	0.0	0.6	3.7	0.0	2.7	0.0	0.3	15.3	0.6	0.0	0.0	1.3	24.6	0.3	13.3	35.3	1.0	1.0
R07	134	0.0	1.0	8.7	0.0	2.0	0.0	0.3	22.0	1.4	0.3	0.0	0.0	20.3	0.0	6.3	36.0	1.7	0.0
R08	24	0.0	3.0	8.7	0.3	2.3	0.0	0.0	22.6	1.7	0.0	0.0	0.0	16.4	6.3	6.7	31.3	0.7	0.0
R09	201	1.7	3.7	11.3	0.0	1.7	0.0	0.0	18.3	1.0	0.0	0.0	0.3	18.0	0.3	21.0	20.6	1.7	0.3
R10	151	0.0	6.3	22.0	0.0	7.0	0.0	0.0	9.0	1.0	0.0	0.0	0.0	13.7	0.6	22.6	15.0	2.3	0.3
R11	213	0.0	3.0	10.0	0.3	6.7	0.0	0.0	8.7	0.7	0.0	0.0	0.3	28.0	0.6	16.6	24.7	0.3	0.0
R12	194	0.0	5.7	18.3	0.3	1.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.0	5.7	66.3	0.3	0.7	0.0
R13	192	0.0	3.6	22.0	0.0	0.7	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.3	9.7	53.6	3.7	0.7	0.0
R14	171	0.0	3.3	13.6	0.0	1.3	0.0	0.0	5.0	0.0	0.0	0.0	0.0	3.0	3.0	65.3	4.7	0.0	0.7
R15	74	0.7	17.0	24.7	0.3	2.0	0.0	0.0	4.3	1.3	0.0	0.0	0.0	5.7	10.0	23.6	9.3	0.0	1.0
S01	75	8.0	2.0	4.7	0.3	4.7	8.0	0.0	22.3	0.7	0.3	0.0	1.0	9.7	0.0	9.0	27.3	1.3	0.7
S02	45	0.6	3.0	10.7	0.7	1.3	0.0	0.0	30.6	1.6	0.0	0.3	0.7	19.0	1.7	2.6	27.1	0.0	0.0
S03	112	1.3	2.0	6.7	0.3	8.3	0.0	0.3	19.0	2.1	0.3	0.0	0.3	20.6	0.3	5.7	31.4	0.3	1.0
S04	79	0.0	2.7	1.3	1.0	1.3	0.0	0.0	21.0	0.0	0.0	0.0	0.0	18.7	2.3	11.3	37.4	2.3	0.7
S05	89	0.3	0.6	6.7	1.0	2.3	0.0	0.0	32.0	1.3	0.3	0.3	0.7	11.4	1.7	4.3	36.6	0.3	0.3
S06	53	0.0	1.7	9.3	0.7	2.7	0.0	0.0	24.0	1.3	0.3	0.3	0.3	19.3	1.0	3.0	35.0	0.7	0.3
S07	224	0.0	0.7	3.7	0.0	2.0	0.0	0.3	22.0	1.3	0.0	0.0	1.3	20.4	0.0	9.3	37.9	1.0	0.0
S08	81	0.0	0.7	2.7	0.0	1.3	0.0	0.0	21.7	1.3	0.0	0.3	0.3	11.6	2.3	12.4	44.3	0.3	0.7
S09	249	0.0	3.0	9.3	0.7	1.7	0.0	0.0	25.0	2.0	0.3	0.0	1.7	21.0	0.0	7.6	25.3	1.7	0.6
S10	55	0.3	1.0	4.0	0.0	5.3	0.0	0.0	13.0	0.0	0.0	0.0	0.0	23.7	4.7	11.4	35.7	1.0	0.0
S11	84	0.0	4.6	7.0	1.3	7.0	0.0	0.0	6.7	2.0	0.3	0.0	0.0	39.3	0.6	10.0	18.3	1.7	1.0
S12	116	0.3	1.7	9.7	0.0	0.0	0.0	0.0	5.7	1.0	0.0	0.0	0.0	26.0	3.3	9.7	40.6	0.3	1.7
S13	146	0.0	0.0	26.0	0.0	1.7	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.6	5.4	54.3	0.7	0.0	0.0
S14	80	0.0	2.0	39.3	0.0	2.3	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	5.7	48.0	0.3	0.0	0.0
S15	187	0.0	6.7	20.0	0.0	3.0	0.0	0.0	5.7	0.3	0.0	0.0	0.0	2.0	2.0	54.7	4.7	0.7	0.3
S16	256	0.0	3.0	5.7	0.0	3.7	0.0	0.0	0.3	0.0	0.0	0.0	0.0	2.3	1.7	80.3	3.0	0.0	0.0
T01	71	0.0	4.3	16.3	1.0	2.0	0.0	0.3	35.0	1.7	0.0	0.0	0.3	9.4	1.6	6.0	20.0	1.3	0.7
T02	144	0.0	2.0	14.6	1.7	1.3	0.0	0.0	33.7	3.0	0.0	0.0	0.3	17.0	0.3	3.7	21.0	1.3	0.0

Appendix. Mineralogy of the heavy mineral fraction; grouped

Field	Lab	Sulfide	Hematite	Ilmenite	Rutile	Goethite	Siderite	Monazite	Garnet	Zircon	Kyanite	Staurolite	Titanite	Epidote	OPX	CPX	Amph	Leucoxene	Unknown
T03	254	0.0	2.3	10.6	0.3	4.7	0.3	0.3	26.3	0.6	0.0	0.0	0.0	18.6	0.0	4.7	28.7	0.7	1.7
T04	265	0.0	1.3	4.0	0.0	1.7	0.0	0.3	29.3	0.0	0.0	0.0	1.0	14.4	0.3	9.3	34.0	3.0	1.3
T05	88	1.7	1.4	10.0	1.3	1.3	0.0	0.0	19.3	2.3	0.3	0.3	0.3	18.4	2.3	5.3	34.0	1.0	0.7
T06	140	0.0	0.6	9.4	1.0	0.0	0.0	0.3	23.4	2.9	0.0	0.3	0.3	16.3	0.0	8.7	35.0	1.0	0.7
T07	117	0.0	1.0	20.0	1.0	1.0	0.0	0.0	17.0	2.7	0.0	0.0	0.0	19.0	2.0	6.3	26.7	1.3	2.0
T08	85	0.0	0.7	10.0	0.3	1.0	0.0	0.0	22.0	1.0	0.0	0.0	0.3	16.7	0.6	11.7	34.1	1.0	0.7
T09	67	3.3	1.0	3.0	0.0	4.7	0.3	0.3	14.0	0.6	0.0	0.3	0.3	14.0	1.6	11.6	43.0	2.0	0.0
T10	27	0.0	0.0	0.7	0.0	0.3	0.0	0.0	2.3	0.0	0.0	0.0	1.0	0.0	0.0	67.7	27.7	0.0	0.3
T11	33	0.0	8.6	21.3	0.7	3.7	0.0	0.0	20.0	1.3	0.0	0.3	0.0	13.0	3.6	15.0	11.3	0.0	1.0
T11-2	260	0.0	1.7	5.0	0.0	4.7	0.0	0.0	6.3	0.0	0.0	0.7	0.0	7.7	0.3	43.6	29.3	0.3	0.3
T12	216	0.0	0.3	6.7	0.0	0.3	0.0	0.0	11.7	0.3	0.0	0.0	0.0	14.7	0.7	40.0	25.4	0.0	0.0
T14	208	0.0	0.7	5.0	0.0	0.3	0.0	0.0	2.0	0.0	0.0	0.0	0.0	8.0	0.0	73.3	10.0	0.0	0.7
T15	59	0.0	1.7	30.0	0.0	2.0	0.3	0.0	0.3	0.0	0.0	0.3	0.0	2.3	2.7	58.3	1.6	0.3	0.0
T16	25	0.0	3.7	6.7	0.0	3.7	1.3	0.0	1.7	0.0	0.0	0.0	0.0	1.3	5.0	74.4	2.3	0.0	0.0
U02	235	0.0	1.7	7.3	0.3	0.3	0.0	0.0	21.0	0.3	0.0	0.0	0.0	21.3	0.3	9.7	34.3	1.0	2.3
U03	191	0.0	1.0	11.0	0.6	0.7	0.0	0.3	33.3	2.6	0.0	0.0	1.0	20.3	1.3	5.3	21.0	1.3	0.3
U04	83	0.0	2.4	14.7	1.7	1.3	0.0	0.0	24.0	5.9	0.0	0.0	0.0	13.0	0.0	8.3	23.0	2.3	3.3
U05	54	0.0	0.3	5.7	0.7	1.3	0.0	0.0	22.0	1.6	0.0	1.0	0.7	22.0	3.0	6.4	33.3	1.3	0.7
U08	234	16.0	1.6	13.7	0.6	1.0	4.0	0.3	16.0	0.3	0.0	0.0	0.7	16.0	1.0	8.7	17.3	1.3	1.3
U09	31	0.0	2.7	14.6	1.0	0.7	0.0	0.0	24.7	0.9	0.0	0.0	0.3	22.7	1.7	4.0	25.3	1.3	0.0
U10	135	0.0	2.0	3.3	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	25.0	0.0	16.6	30.1	0.0	0.0
U11	205	0.0	1.0	5.3	0.0	0.0	0.0	0.0	17.6	1.7	0.0	0.0	0.0	13.0	0.3	13.3	46.3	1.0	0.3
V02	70	0.0	1.3	3.6	0.3	1.7	0.0	0.0	28.0	0.3	0.0	0.0	0.3	12.0	1.3	10.4	37.3	3.0	0.3
V03	231	0.0	2.0	8.7	0.3	0.0	0.0	0.7	19.6	0.7	0.0	0.0	0.7	27.6	0.3	9.4	26.7	1.7	1.7
V04	50	0.0	3.3	8.7	3.0	4.3	0.0	0.0	27.7	4.0	0.0	0.3	0.0	17.7	2.7	2.7	25.0	0.7	0.0
V06	227	0.3	1.3	9.0	0.3	0.7	0.0	0.0	24.6	2.3	0.0	0.0	0.7	22.3	1.0	7.0	29.4	0.7	0.3
V07	36	0.0	1.7	6.7	0.0	2.0	0.0	0.7	21.7	0.3	0.0	0.0	1.3	19.4	2.6	9.4	34.1	0.3	0.0
V08	238	0.0	2.0	6.7	0.0	2.0	0.0	0.0	19.3	3.7	0.3	0.0	2.0	25.0	0.6	7.3	27.3	1.7	2.0
V09	178	0.0	2.3	2.0	0.0	0.3	0.0	0.0	11.0	0.3	0.0	0.7	0.7	28.0	0.0	11.3	43.3	0.0	0.0
W02	104	0.7	1.3	15.7	1.0	0.3	0.0	0.0	27.3	2.6	0.0	0.3	0.3	18.7	0.3	8.6	23.0	0.0	0.0
W03	102	0.0	4.7	12.4	0.7	1.0	0.0	0.0	15.6	3.0	0.0	0.0	0.3	24.4	0.0	4.7	32.0	1.3	0.0
W04	175	0.0	0.3	4.7	0.0	1.7	0.0	0.0	25.7	0.3	0.0	0.0	1.0	22.0	0.3	9.0	33.7	1.0	0.3
W05	100	0.0	1.3	3.7	0.3	2.0	0.0	0.0	9.6	0.7	0.0	0.0	0.3	26.7	1.3	9.6	43.4	1.0	0.0
W06	196	0.0	2.0	8.6	0.0	2.0	0.0	0.0	20.7	1.0	0.7	0.0	0.7	20.7	2.3	14.0	26.0	1.3	0.0
X01	43	0.0	2.7	15.4	0.7	2.3	0.0	0.0	17.0	1.7	0.0	0.0	0.3	21.0	2.7	13.7	19.7	1.3	1.7
X02	243	0.0	3.4	14.3	0.7	1.0	0.0	0.0	16.0	5.3	0.0	0.0	0.7	21.7	0.6	4.3	30.4	1.0	0.7
X03	274	0.0	1.0	9.0	0.6	2.7	0.0	0.3	18.7	4.1	0.0	0.0	1.0	28.3	0.0	6.0	27.3	1.0	0.0
X04	110	0.0	0.6	8.6	1.0	0.0	0.0	0.0	24.7	3.0	0.0	0.0	0.0	18.0	1.7	5.3	36.0	0.7	0.3
X05	244	0.0	2.4	6.0	0.3	2.3	0.0	0.0	16.6	0.3	0.0	0.0	4.3	26.6	0.3	8.7	29.7	1.0	1.3
Y05	42	0.0	0.3	3.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.3	15.0	2.0	15.7	47.3	0.0	0.3

Appendix. Mineralogy of the heavy mineral fraction; grouped

Field	Lab	Sulfide	Hematite	Ilmenite	Rutile	Goethite	Siderite	Monazite	Garnet	Zircon	Kyanite	Staurolite	Titanite	Epidote	OPX	CPX	Amph	Leucoxene	Unknown
Z01	109	0.0	1.4	4.0	0.0	1.0	0.0	0.0	18.0	0.0	0.0	0.0	0.3	26.0	2.4	7.3	38.7	0.7	0.3
Z02	160	0.0	1.0	10.7	0.3	1.7	0.0	0.0	23.0	3.9	0.0	0.0	0.3	23.0	0.3	4.3	31.0	0.3	0.0
Z03	223	1.3	1.0	6.0	0.3	1.3	0.0	0.0	22.3	1.6	0.3	0.0	0.7	25.0	0.7	10.6	27.3	0.7	0.7
Z04	141	0.0	0.0	9.7	1.0	0.3	0.0	0.0	47.7	0.6	0.0	0.0	0.0	7.3	1.4	11.3	20.0	0.0	0.7
Z05	161	0.0	0.0	5.0	0.0	0.7	0.0	0.0	35.6	0.0	0.0	0.0	0.0	8.4	5.0	15.3	29.6	0.0	0.3
Z06	176	0.0	1.4	21.3	1.6	2.3	0.0	0.0	27.6	2.0	0.0	0.0	0.0	15.7	0.3	9.0	17.4	1.3	0.0
Z07	63	0.3	0.7	5.7	0.3	0.0	0.0	0.0	15.6	0.6	0.0	0.0	0.0	10.0	2.0	14.6	50.0	0.3	0.0
Z08	258	0.0	0.0	8.0	0.6	0.0	0.0	0.0	29.3	1.3	0.0	0.0	0.0	6.0	1.3	18.3	34.6	0.3	0.3
Z09	239	0.6	1.0	4.6	0.0	1.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	6.6	10.0	19.6	40.0	1.0	0.7
Z10	26	0.0	2.3	17.4	0.0	1.7	0.0	0.3	17.6	2.0	0.0	0.3	0.0	15.0	1.6	5.0	36.4	0.3	0.0
Z11	262	0.0	0.3	11.0	0.0	1.0	0.0	0.3	19.4	0.7	0.3	0.0	0.0	23.3	0.3	5.7	37.3	0.3	0.0
Z12	76	0.0	1.7	4.3	1.0	0.0	0.3	0.3	15.0	1.0	0.0	0.3	0.0	17.0	3.3	18.0	36.6	0.0	1.0
Z13	159	0.0	0.0	4.6	0.0	1.0	0.0	0.0	17.3	0.7	0.0	0.0	0.0	19.0	1.0	14.0	42.1	0.3	0.0
Z14	52	0.0	1.6	5.3	0.0	0.3	0.0	0.0	10.7	0.0	0.3	0.0	0.3	21.7	1.4	3.0	55.1	0.0	0.3
Z15	30	0.0	2.0	6.0	0.0	0.0	0.0	0.0	5.0	0.6	0.0	0.0	1.3	10.3	1.3	8.6	64.0	0.7	0.0
Z16	214	0.0	6.0	8.0	0.6	2.3	0.0	0.0	11.7	1.0	0.0	0.0	0.0	18.0	1.0	7.4	44.0	0.0	0.0
Z17	252	0.3	1.3	13.7	0.3	2.0	0.0	0.0	12.9	2.7	0.3	0.3	0.0	19.4	0.6	10.0	35.0	0.7	0.3
Z18	69	0.0	0.3	5.0	0.3	2.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.7	10.3	77.6	3.0	0.0	0.0
Z19	122	0.0	0.0	11.7	0.0	0.7	0.0	0.0	10.7	0.0	0.3	0.0	0.0	6.6	5.0	63.0	2.0	0.0	0.0
Z20	115	0.0	2.7	11.4	0.3	1.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	3.3	9.0	62.0	2.6	0.3	0.3
Control	95	0.0	3.3	5.7	0.0	1.0	0.0	0.0	17.0	1.7	0.0	0.0	0.3	26.3	2.0	13.6	27.3	0.7	1.0
Control	114	0.7	2.6	8.3	0.6	1.0	0.0	0.0	22.0	0.3	0.0	0.0	0.0	30.0	2.7	5.3	25.3	1.0	0.3
Control	197	0.0	2.0	4.3	0.0	0.7	0.0	0.0	25.0	3.1	0.3	0.3	0.0	25.3	1.3	7.6	28.7	0.7	0.7