Plate II-7 Geologic column of the MJTA-9

Longitude:	68d 26m 44s	Final depth:	288m
Latitude:	48d 48m 59s	Azimuth:	-.
Coordination:	459309 E, 5407001N	Inclination:	vertical
Elevation:	506m		

Description

0.0-8.6m: surface soil, reddish brown colored, it contains pebbles (Φ2-4cm) of weathered granite

8.6-11.2m: boulders of silicified & argillized granite, matrix is composed chiefly of pebbly sand

11.2-17.4m: dense network of quartz + hematite, in the white argillized rock, with hematite dissemination
original rock may be fine grained, original rock texture is completely destroyed by strong alteration
oxide zone

17.4-20.8m: hematite dense network & hematite dissemination in strongly silicified rock, original rock texture can not be distinguished
oxide zone

20.8-21.6m: hematite concentration zone, oxide zone

21.6-25.4m: network of hematite + quartz & dissemination of hematite in strongly silicified rock, original rock texture can not be distinguished, medium grained granite ??
oxide zone

25.4-28.0m: network & dissemination of hematite in silicified & argillized rock, hematite concentration bands (width: 10-30cm) occur frequently, original rock texture can not be distinguished
oxide zone

28.0-30.0m: strongly silicified massive rock, with hematite veinlets, with quartz veinlets, & with hematite dissemination, original rock texture is completely destroyed by strong alteration, light gray colored
oxide zone

30.0-32.7m: strongly silicified & argillized rock, with a lot of hematite veinlets, with hematite dissemination, original rock texture is completely destroyed by strong alteration, fine grained granite ??
oxide zone

32.7-36.5m: transition zone between sulfide zone & oxide zone
hematite + quartz network, & pyrite + hematite disseminatioin
32.7-33.6m: strongly silicified granite
33.6-36.5m: strongly silicified porphyry

36.5-48.1m: sulfide zone start from 36.5m
36.5-38.5m: strongly silicified fine grained rock, with a lot of quartz veinlets (∠40-50deg., width: 2-4mm), with pyrite + (chalcopyrite?) dissemination, light gray colored
38.5-41.0m: strongly silicified porphyry, weak dissemination of pyrite, light gray colored
41.0-48.1m: strongly silicified porphyry with a lot of quartz veinlets & pyrite stringers, with strong dissemination of pyrite + (chalcopyrite ?), total amount of sulfide is 3-4% or more

48.1-50.8m: fractured zone, pebbly core
silicified & argillized rock, with strong dissemination of pyrite, with a lot of pyrite stringers, sulfide grain is very small, original rock texture can not be distinguished

50.8-54.0m: white clay, with network & dissemination of pyrite, total amount of pyrite is about 3%

54.0-55.6m: silicified & argillized white rock, with strong dissemination of pyrite + (chalcopyrite ?), including small grains of black mineral (magnetite ?), original rock texture can not be distinguished, porphyry ??

55.6-61.7m: white clay, with sparse network & weak dissemination of pyrite, strongly argillized porphyry ??

61.7-74.7m: white clay, fine grained, massive, this zone is subjected to strong argillization which cased them to turn white, original rock may be porphyry
pyrite dissemination & pyrite stringers occur, total amount of pyrite is 1-3%, disseminated black minerals (that is very fine grained) locally occur, magnetite ??

74.7-77.0m: strongly argillized rock with pyrite network & pyrite dissemination, traces of chalcopyrite occur, hematite veinlets (width: 0.5 - 1.0cm) occur with pyrite stringers

77.0-81.7m: silicified & argillized porphyry, with pyrite network & pyrite dissemination
79.0-80.0m: pyrite + quartz veinlets, width: 5 - 8mm, ∠90deg.,

81.7-95.0m: silicified & argillized rock with a lot of pyrite stringers & quartz veinlets, original rock texture can not be distinguished, fine to medium grained granite ??
strong dissemination of fine grained pyrite, rarely traces of disseminated chalcopyrite locally occur
81.7-88.0m: very small grains of black colored mineral are found

95.0-96.0m: strongly silicified rock with strong dissemination of pyrite + (chalcopyrite?), with a lot of pyrite stringers
95.1m: pyrite veinlet, width:5mm, ∠65deg.,

96.0-100.0m: silicified granite, with strong dissemination of pyrite + (chalcopyrite), with pyrite stringers, with silicified veins
pale green colored mineral (epidote?) appears to have been derived from the alteration of plagioclase

100.0-105.6m: greenish light gray colored granitoid, plagioclase is altered to epidote ?, mafic minerals change to chlorite & magnetite ?, with strong dissemination of pyrite + (chalcopyrite), with a lot of quartz + pyrite stringers, with a lot of pyrite stringers

105.6-111.3m: strongly silicified rock, dark gray to light gray colored, with strong dissemination of pyrite & (chalcopyrite) & black mineral (magnetite ?), sulfide minerals are very fine grained
a lot of pyrite veinlets & quartz + pyrite veinlets occur, ∠60-90deg.,
109.2-109.6m: brecciated zone

111.3-116.7m: greenish light gray colored argillized & silicified granitoid, medium grained granite ??, with pyrite stringers, with pyrite + (chalcopyrite ?) dissemination, with pyrite network, with a lot of quartz + pyrite veinlets, total amount of sulfide is 2-3%,

116.7-122.5m: strongly silicified rock, dark gray to light gray colored, with strong dissemination of pyrite, with a lot of pyrite veinlets
119.0-120.5m: quartz + pyrite veins & pyrite veins occur, with ameba shaped pyrite pools (Φ1-2cm)

122.5-123.0m: chloritized porphyritic rhyolite dyke, ∠55deg., with pyrite stringers, with weak pyrite dissemination

123.0-125.2m: brecciated zone, breccias are composed of quartz and silicified rock, Φ2-5cm, matrix is composed of strongly chloritized & weakly silicified material, with pyrite dissemination, amount of pyrite is 2-3%
125.0-125.2m: sheared zone, ∠60deg., width:15cm, dark gray to dark green colored clay

125.2-127.3m, 129.6-130.3m: greenish light gray colored altered granite, rock texture is clear
plagioclase changes to epidote & white clay, K-feldspar changes to white clay, mafic minerals change to chlorite & (magnetite ?), with pyrite network, with pyrite dissemination, with minor veinlets of quartz + pyrite

127.3-129.6m, 130.3-134.1m: porphyritic dacite dyke, plagioclase >> quartz phenocrysts give this rock porphyritic appearance, groundmass is dark green colored (by chloritization)
pyrite dissemination, pyrite stringers & pyrite network are found, amount of pyrite is 1-2%

134.1-137.0m: dark gray colored, strongly silicified rock, with pyrite dissemination, with a lot of stringers of pyrite

137.0-138.6m: medium grained granite with silicification, epidotization & chloritization, greenish dark gray

mafic minerals change to chlorite + (magnetite ?), feldspar changes to epidote
with dissemination & network of pyrite, with minor veinlets of quartz

138.6-140.7m: porphyritic dacite dyke, plagioclase (Φ 4-5mm) >> quartz phenocrysts give this rock porphyritic appearance
chloritization with pyrite dissemination

140.7-152.2m: greenish dark gray colored granitoid, with silicification, chloritization and epidotization, original rock texture is not clear by strong alteration
pyrite dissemination, a lot of pyrite stringers, a lot of quartz + pyrite stringers, & a lot of chlorite stringers

152.2-154.3m: strongly silicified rock with strong dissemination of pyrite, with a lot of pyrite veinlets (∠ 40-70deg., width: 2-3mm)

154.3-157.9m: medium grained granite, greenish gray colored, with silicification, chloritization, & epidotization, with pyrite dissemination
a lot of chlorite stringers, quartz stringers, and pyrite stringers are found

157.9-169.0m: gray to dark gray colored, strongly silicified fine grained rock, original rock texture is completely destroyed by strong silicification
strong dissemination of fine grained pyrite, with a lot of pyrite stringers (∠60-90deg.)
158.0-158.5m: quartz veinlets, ∠30deg., width: 1-2cm
158.7-159.0m & 168.0-168.5m: brecciated zone (breccia: Φ2-5cm)
164.2m: pyrite striners and pyrite + quartz pools
167.2m: pyrite vein, width: 1cm, ∠70deg.

169.0-170.4m: porphyritic dacite, weakly silicified, strongly chloritized
pyrite dissemination & a lot of pyrite stringers, with traces of quartz + pyrite veinlets, ∠30deg.

170.4-180.0m: medium grained granite, green colored
K-feldspar & plagioclase are altered to epidote & quartz, all mafic minerals are altered to chlorite
pyrite dissemination & pyrite veinlets (∠60-80deg. Interval of 5-6cm), with quartz + pyrite veinlets (∠ 70deg.), with a lot of chlorite stringers (∠60-80deg.)
amount of sulfide: 2-3% (170.4-175.0m), 1-2% (175.0-180.0m)

180.0-181.5m: silicified granitoid, with pyrite dissemination, with pyrite network, with quartz + pyrite network, with chlorite network
chlorite network is cut by pyrite network & by quartz + pyrite network
180.0m: quartz vein, width: 1cm, ∠45deg.

181.5-182.5m: porphyritic dacite dyke, with chloritization, with pyrite veinlets (width: 5mm, ∠ 15deg.), with pyrite dissemination

182.5-185.0m: strongly silicified & chloritized rock, with pyrite dissemination, with a lot of pyrite stringers, chlorite stringers, & quartz veinlets, total amount of pyrite is about 3%,
183.2-183.7m: brecciated zone

185.0-186.5m: strongly silicified breccia, Φ2-10cm, matrix is strongly disseminated by pyrite,
dark green to dark gray colored

186.5-190.0m: strongly silicified granitoid, with a lot of quartz + pyrite veinlets & chlorite + pyrite veinlets
silicification after chloritization (& chlorite veinlets)
quartz + pyrite network, pyrite network & pyrite dissemination after chloritization (& chlorite veinlets)

190.0-198.5m: silicified granite with quartz + pyrite network and with pyrite dissemination, pale green colored
198.5-201.3m: strongly silicified rock, dark gray colored
dense network of pyrite, dense network of quartz + pyrite
strong dissemination of pyrite

201.3-211.8m: weakly silicified, chloritized (mafic minerals) and epidotized (feldspar) granite, without pink feldspar

pale green colored
with a lot of quartz veinlets, quartz + pyrite veinlets (2-3cm intervals) , quartz network, pyrite +chalcopyrite dissemination & pyrite stringers, ∠60-70deg.
a lot of small scale silicified zones (width: 2-3cm) along quartz or quartz + pyrite veinlets, ∠45-70deg.

211.8-213.5m: strongly silicified rock, gray colored
with strong dissemination of pyrite, with a lot of pyrite stringers

213.5-221.8m: altered granite, all mafic minerals change to chlorite, feldspars change to white clay, weakly silicified, without pink feldspar
strong dissemination of pyrite (3-4%), with a lot of pyrite stringers
a lot of small scale silicified zones (width: 2-3cm) along quartz veinlets
light gray to white
217.0-220.0m: a lot of quartz veinlets (∠35-75deg., 3-10cm intervals), & quartz network

221.8-222.8m: dark gray colored strongly silicified rock, with pyrite dissemination, with a lot of stringers of pyrite & quartz + pyrite

222.8-229.0m: altered granite, weakly silicified, all mafic minerals change to quartz + pyrite + magmetite?, feldspars change to white clay
light gray to white
a lot of quartz + pyrite veinlets (width: 5-10mm, ∠70-80deg.)
strong dissemination of pyrite

229.0-234.2m: strongly silicified granite, with a lot of veinlets of quartz + pyrite (width: 3-10mm, ∠45-75deg.), & with quartz + pyrite network
with strong dissemination of pyrite

234.2-235.8m: strongly silicified rock, original rock texture is completely destroyed by the strong silicification
strong dissemination of pyrite, with a lot of stringers (∠65deg.) of pyrite

235.8-241.5m: silicified granite, sometimes rock texture is clear
a lot of quartz + pyrite veins (width: 10-25mm, ∠60±) & veinlets (width: 5-8mm, ∠60±) at intervals of 5-10cm
with traces of calcite veinlets

241.5-242.7m: strongly silicified rock, with dense network of pyrite + quartz, with a lot of quartz + pyrite veinlets, with pyrite dissemination, & with pyrite stringers

242.7-248.0m: silicified granite, pale greenish gray
with a lot of quartz + pyrite veinlets (width: 5mm, ∠ 60±) at intervals of 3-8cm, with pyrite dissemination, & with pyrite + quartz network
with traces of calcite veinlets, ∠20-60deg.

248.0-253.9m: strongly silicified rock, fine grained, original rock texture is compltely destroyed by silicification, light gray
strong dissemination of pyrite, with a lot of pyrite stringers
partly dark gray colored rock, epidotized rock ?

253.9-259.0m: silicified granite with quartz veinlets & quartz + pyrite veinlets (width: 5mm±, ∠60-70deg.) at intervals of 5-10cm
light gray
257.0-259.0m: a lot of small scale silicified zones (width: 2-3cm) along quartz veinlets

259.0-261.5m: dark green colored, chloritized andesite dyke, ∠30-35deg., including small grains (Φ 1mm±) of plagioclase phenocryst
small amount of quartz phenocrysts (Φ2mm) are found ??, dacite ??

261.5-264.3m: pale green colored, weakly silicified, chloritized (mafic minerals) and epidotized (feldspar) granite, without pink feldspar
with pyrite dissemination (1-2%)
with quartz stringers

264.3-265.0m: strongly silicified rock with quartz + pyrite veinlets, with pyrite dissemination, dark greenish gray to dark gray colored

265.0-272.6m, 274.0-275.5m: chloritized & epidotized granite, rock texture is clear, K-feldspar is clearly observed, green colored
traces of quartz veinlets & chlorite veinlets are found at intervals of 1-2m

272.6-274.0m, 275.5-276.3m: dark green colored strongly silicified rock, all mafic minerals change to sericite + quartz

276.3-278.2m: dark green colored silicified rock, with pyrite dissemination, mafic minerals change to chlorite, with quartz veinlets (width: 3-5mm, ∠70deg.±), some quartz veins contain red colored mineral

278.2-280.2m: chloritized granite with pink feldspar, rock texture is clear, pale green colored,

280.2-283.7m: dark green colored strongly silicified rock, with a lot of quartz veinlets (∠20-65deg.), except the interval of 281.5 - 282.7m
281.5-282.7m: light gray colored strongly silicified rock
281.5m: milky quartz vein with molybdenite + chalcopyrite, width: 12cm, ∠40deg.

283.7-288.0m: weakly silicified granite, green colored
: with a lot of quartz veins (width: 7-12mm, ∠70deg. ±, with molybdenite??) at intervals of 10-20cm

Sulfidation	Silicifica.	Argilliza.	Chloritiza.	Epidotiza.
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	2	2	0	0
-	2	2	0	0
-	3	2	0	0
-	3	2	0	0
-	3	2	0	0
-	3	2	0	0
-	4	1	0	0
-	4	1	0	0
-	4	1	0	0
-	4	1	0	0
-	3	0	0	0
-	4	1	0	0
-	4	1	0	0
-	4	1	0	0
-	2	3	0	0
-	3	3	0	0
-	3	3	0	0
-	4	1	0	0
-	4	1	0	0
-	3	3	0	0
-	3	3	0	0
-	3	3	0	0
-	4	1	0	0
-	4	1	0	0
-	4	1	0	0
0	4	1	0	0
1	4	1	0	0
1	4	1	0	0
0	4	1	0	0
0	4	1	0	0
2	4	1	0	0
3	4	1	0	0
4	4	1	0	0
3	4	1	0	0
4	4	1	0	0
4	4	1	0	0
3	4	1	0	0
3	3	2	0	0
4	3	2	0	0
4	3	2	0	0
2	0	5	0	0
3	0	5	0	0
3	0	5	0	0
3	3	3	0	0
3	3	3	0	0
2	0	4	0	0
2	0	4	0	0
2	0	4	0	0
2	0	4	0	0
2	0	4	0	0
2	0	4	0	0
1	0	5	0	0
1	0	5	0	0
1	0	5	0	0
1	0	5	0	0
2	0	5	0	0
2	0	5	0	0
1	0	5	0	0
1	0	5	0	0
2	0	5	0	0
3	0	5	0	0
1	0	5	0	0
1	0	5	0	0
1	0	5	0	0
3	1	4	0	0
2	1	4	0	0
2	2	3	0	0
3	2	3	0	0
3	2	3	0	0
2	2	3	0	0
3	2	3	0	0
3	3	2	0	0
3	3	2	0	0
3	3	3	0	0
3	3	3	0	0
3	3	3	0	0
3	3	3	0	0
3	4	2	0	0
3	4	2	0	0
3	3	3	0	0
2	3	3	0	0
3	3	3	0	0
3	3	3	0	0
3	2	3	0	0
4	4	1	0	0
3	3	2	0	0
2	3	2	0	1
2	3	2	0	1
3	3	2	0	1
2	3	2	0	1
3	4	2	0	1
3	3	3	0	1
3	3	3	0	1
3	2	3	0	1
3	3	2	0	0
4	4	2	0	0
3	5	1	0	0
4	5	0	0	0
4	5	0	0	0
4	5	0	0	0
2	3	3	0	1
3	3	3	0	1
2	2	3	0	2
3	2	3	0	1
3	2	3	0	1
2	4	2	0	0
3	5	0	0	0
3	5	0	0	0
3	5	0	0	0
3	5	0	0	0
1	5	0	0	0
1	2	1	0	0
2	3	0	1	0
1	2	0	3	0
2	1	3	3	2
3	1	3	3	2
1	1	3	3	2
1	0	1	3	0
2	2	1	3	1
2	0	1	3	1
1	0	1	3	0
2	0	1	3	0
1	0	1	3	0
2	5	0	3	2
4	5	0	1	1
4	5	0	1	1
2	2	0	2	2
3	0	1	2	0
3	0	1	2	0
3	1	1	2	1
3	3	2	2	1
3	3	0	1	1
3	3	0	2	2
3	3	0	2	2
1	1	0	2	2
1	1	0	2	2
1	1	0	3	2
0	1	0	3	2
2	0	1	3	2
2	1	2	3	3
1	1	2	3	3
3	4	0	2	0
3	4	0	2	0
2	2	0	3	2
2	2	0	3	2
2	2	0	3	2
2	2	0	3	2
3	5	0	1	0
2	5	0	0	0
3	5	0	0	0
3	5	0	0	0
4	5	0	1	0
2	5	0	0	0
4	5	0	2	1
2	5	0	2	1
3	5	0	1	0
3	5	0	0	0
3	5	0	0	0
4	2	0	3	0
2	3	0	3	3
3	2	0	3	3
2	2	0	3	3
3	2	0	3	3
3	3	0	3	3
2	1	1	2	2
2	1	1	2	2
2	1	0	2	2
2	1	0	2	2
1	1	0	2	2
3	3	0	2	1
2	0	0	3	0
3	3	0	3	0
3	3	0	3	0
3	3	0	3	0
4	5	0	2	0
4	5	0	2	0
3	5	0	2	0
3	5	0	2	1
4	4	0	3	2
3	3	0	2	1
3	3	0	2	1
3	3	0	2	1
3	3	0	2	1
3	3	0	2	1
3	3	0	2	1
3	3	0	2	1
3	3	0	2	1
3	4	0	0	0
3	5	0	0	0
5	5	0	0	0
3	4	0	2	1
2	2	1	2	1
3	1	1	2	1
2	1	1	2	1
3	2	1	2	1
3	2	1	2	1
3	1	1	2	1
4	3	1	2	1
3	2	1	2	1
3	2	1	2	1
3	2	1	2	1
5	5	0	0	0
5	5	0	0	0
3	1	2	2	0
4	1	2	2	0
4	3	2	2	0
4	3	2	2	0
4	3	2	2	0
4	3	2	2	0
4	3	2	2	0
3	3	1	2	0
4	5	0	0	0
3	3	1	1	0
3	3	1	1	0
3	3	1	0	0
3	3	1	0	0
3	3	1	0	0
3	3	1	0	0
2	3	1	1	1
3	4	0	1	1
3	5	0	1	1
4	4	0	0	1
4	4	0	0	1
4	5	0	0	0
4	5	0	0	0
3	4	0	1	1
3	4	0	1	1
3	4	0	1	1
3	4	0	1	1
3	3	0	1	1
3	5	0	0	0
3	4	0	0	0
3	3	0	1	1
3	3	0	1	1
3	3	0	1	1
3	1	0	1	1
3	1	0	1	1
2	5	0	0	0
2	5	0	0	0
3	5	0	0	1
3	5	0	0	1
3	5	0	0	0
3	5	0	0	0
2	3	0	2	2
1	3	0	2	2
3	3	0	1	1
2	4	0	1	1
2	4	0	0	0
0	0	0	1	0
0	0	0	1	0
0	0	0	1	0
2	1	0	2	2
2	1	0	2	2
3	5	0	1	1
0	0	0	2	1
0	0	0	2	1
0	0	0	2	1
0	0	0	2	1
0	0	0	2	1
0	0	0	2	1
0	0	0	2	1
0	3	0	2	1
1	5	0	1	2
0	0	0	2	1
2	5	0	1	1
2	3	0	2	2
2	3	0	2	2
1	0	2	3	1
1	0	2	3	1
0	3	0	2	1
0	1	0	0	0
2	4	0	0	0
1	2	0	1	1
0	2	0	2	1
0	2	0	3	1
1	3	0	3	1
0	3	0	2	1

Examined Sample
9-45.7 PT
9-74.0 PX
9-87.5 X
9-109.3 PT
9-136.0 P
9-161.0 PI
9-163.0 P
9-170.0 TI
9-185.5 PT
9-187.0 I
9-190.0 T
9-195.0 PT
9-206.0 X
9-209.0 P
9-212.5 P
9-224.0 TX
9-250.0 TX
9-273.0 T
9-277.0 P
9-281.7 P

	Assay results					
Assay Interval	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Mo (ppm)
0.0 - 3.0	70	2.8	77.0	22.0	53.0	8.0
3.0 - 6.0	20	4.2	119.0	17.0	51.0	<2.0
6.0 - 9.0	30	3.0	66.0	14.0	41.0	<2.0
9.0 - 12.0	30	1.0	34.0	15.0	27.0	<2.0
12.0 - 15.0	<10	1.0	21.0	18.0	29.0	<2.0
15.0 - 18.0	10	0.6	16.0	21.0	35.0	<2.0
18.0 - 21.0	<10	0.6	16.0	16.0	28.0	<2.0
21.0 - 24.0	10	1.0	19.0	15.0	30.0	13.0
24.0 - 27.0	20	1.0	23.0	13.0	27.0	<2.0
27.0 - 30.0	20	1.0	23.0	22.0	38.0	20.0
30.0 - 33.0	10	1.0	16.0	15.0	26.0	30.0
33.0 - 36.0	20	1.2	27.0	30.0	26.0	20.0
36.0 - 39.0	30	0.8	21.0	16.0	27.0	13.0
39.0 - 42.0	10	1.0	13.0	27.0	27.0	16.0
42.0 - 43.0	20	1.2	19.0	16.0	26.0	8.0
43.0 - 44.0	20	1.4	17.0	15.0	27.0	<2.0
44.0 - 45.0	30	1.2	28.0	16.0	26.0	<2.0
45.0 - 46.0	10	1.8	27.0	35.0	42.0	16.0
46.0 - 47.0	40	1.2	29.0	22.0	34.0	20.0
47.0 - 48.0	10	2.6	29.0	19.0	27.0	10.0
48.0 - 51.0	20	3.4	54.0	19.0	28.0	8.0
51.0 - 54.0	20	0.8	26.0	18.0	31.0	2.0
54.0 - 57.0	40	1.2	46.0	16.0	27.0	7.0
57.0 - 60.0	40	0.8	42.0	20.0	30.0	8.0
60.0 - 63.0	30	1.4	60.0	19.0	35.0	<2.0
63.0 - 66.0	30	1.6	67.0	21.0	41.0	8.0
66.0 - 69.0	60	1.4	148.0	23.0	35.0	13.0
69.0 - 72.0	40	1.4	264.0	19.0	52.0	13.0
72.0 - 75.0	30	1.6	163.0	20.0	61.0	<2.0
75.0 - 78.0	30	0.8	57.0	22.0	30.0	7.0
78.0 - 81.0	50	1.2	157.0	26.0	27.0	6.0
81.0 - 84.0	10	1.4	43.0	32.0	52.0	48.0
84.0 - 87.0	10	0.9	27.0	31.0	26.0	8.0
87.0 - 90.0	20	0.4	80.0	29.0	28.0	24.0
90.0 - 93.0	20	0.6	50.0	39.0	29.0	<2.0
93.0 - 95.0	10	1.2	22.0	37.0	27.0	<2.0
95.0 - 96.0	20	1.4	31.0	41.0	29.0	<2.0
96.0 - 99.0	20	1.2	41.0	24.0	29.0	<2.0
99.0 - 102.0	30	1.4	45.0	29.0	48.0	<2.0
102.0 - 105.0	40	0.4	52.0	30.0	33.0	<2.0
105.0 - 108.0	30	2.6	52.0	32.0	29.0	14.0
108.0 - 111.0	30	2.2	39.0	72.0	37.0	<2.0
111.0 - 114.0	30	1.4	38.0	21.0	32.0	<2.0
114.0 - 117.0	40	1.6	17.0	25.0	37.0	<2.0
117.0 - 120.0	40	2.8	56.0	112.0	54.0	<2.0
120.0 - 123.0	50	2.2	217.0	17.0	50.0	<2.0
123.0 - 126.0	30	1.0	56.0	20.0	78.0	<2.0
126.0 - 129.0	30	2.0	26.0	12.0	140.0	<2.0
129.0 - 132.0	30	1.8	23.0	9.0	143.0	<2.0
132.0 - 135.0	40	1.8	132.0	11.0	116.0	<2.0
135.0 - 138.0	40	2.2	49.0	21.0	36.0	<2.0
138.0 - 141.0	40	1.0	29.0	7.0	84.0	<2.0
141.0 - 144.0	30	1.0	109.0	9.0	52.0	<2.0
144.0 - 147.0	30	1.0	13.0	8.0	45.0	<2.0
147.0 - 150.0	30	1.8	19.0	6.0	52.0	<2.0
150.0 - 152.0	30	1.6	13.0	5.0	51.0	<2.0
152.0 - 154.0	30	1.4	24.0	13.0	49.0	<2.0
154.0 - 157.0	30	2.0	41.0	9.0	52.0	<2.0
157.0 - 160.0	40	2.6	28.0	11.0	44.0	<2.0
160.0 - 161.0	40	2.8	28.0	24.0	25.0	17.0
161.0 - 162.0	30	2.8	19.0	15.0	27.0	<2.0
162.0 - 163.0	30	4.0	18.0	50.0	28.0	<2.0
163.0 - 164.0	60	3.2	37.0	73.0	32.0	<2.0
164.0 - 165.0	40	2.0	37.0	14.0	46.0	15.0
165.0 - 168.0	30	3.6	37.0	22.0	27.0	<2.0
168.0 - 171.0	40	2.8	29.0	21.0	40.0	16.0
171.0 - 174.0	20	3.8	91.0	7.0	50.0	<2.0
174.0 - 177.0	20	1.8	22.0	15.0	44.0	<2.0
177.0 - 180.0	20	2.6	15.0	9.0	54.0	<2.0
180.0 - 181.5	53	3.0	24.0	15.0	37.0	<2.0
181.5 - 182.5	43	2.8	244.0	14.0	75.0	<2.0
182.5 - 185.0	43	3.6	44.0	17.0	36.0	21.0
185.0 - 186.5	117	11.4	61.0	20.0	37.0	46.0
186.5 - 190.0	77	5.2	105.0	17.0	54.0	41.0
190.0 - 193.0	20	3.8	15.0	17.0	38.0	8.0
193.0 - 196.0	40	1.8	156.0	16.0	47.0	13.0
196.0 - 199.0	20	1.8	36.0	15.0	43.0	<2.0
199.0 - 201.0	37	3.6	19.0	21.0	32.0	5.0
201.0 - 204.0	37	4.0	25.0	17.0	44.0	27.0
204.0 - 207.0.	33	0.4	28.0	16.0	43.0	10.0
207.0 - 210.0	37	0.2	12.0	12.0	32.0	20.0
210.0 - 211.8	37	2.4	16.0	21.0	37.0	692.0
211.8 - 213.5	3883	13.8	37.0	80.0	36.0	22.0
213.5 - 217.0	37	1.6	21.0	50.0	44.0	913.0
217.0 - 220.0	40	1.8	75.0	70.0	46.0	275.0
220.0 - 223.0	33	1.6	45.0	54.0	45.0	865.0
223.0 - 226.0	37	0.8	52.0	41.0	49.0	298.0
226.0 - 229.0	30	0.8	68.0	29.0	54.0	715.0
229.0 - 232.0	43	0.4	33.0	19.0	60.0	153.0
232.0 - 234.2	80	<0.1	36.0	17.0	45.0	510.0
234.2 - 235.8	50	<0.1	87.0	28.0	36.0	288.0
235.8 - 239.0	30	<0.1	39.0	18.0	62.0	510.0
239.0 - 242.0	23	0.2	44.0	19.0	55.0	106.0
242.0 - 245.0	27	0.4	73.0	21.0	52.0	155.0
245.0 - 248.0	23	0.8	51.0	18.0	67.0	511.0
248.0 - 251.0	33	0.2	28.0	21.0	52.0	11.0
251.0 - 254.0	37	0.6	50.0	45.0	39.0	61.0
254.0 - 257.0	27	0.2	84.0	31.0	123.0	44.0
257.0 - 259.0	40	0.2	81.0	63.0	94.0	52.0
259.0 - 261.5	27	0.2	38.0	25.0	152.0	24.0
261.5 - 265.0	33	0.8	134.0	28.0	69.0	49.0
265.0 - 268.0	20	<0.1	56.0	16.0	68.0	33.0
268.0 - 271.0	30	<0.1	99.0	22.0	79.0	32.0
271.0 - 274.0	23	0.2	37.0	19.0	85.0	38.0
274.0 - 277.0	40	0.2	157.0	17.0	59.0	31.0
277.0 - 280.0	17	2.6	64.0	19.0	76.0	37.0
280.0 - 281.5	17	0.8	76.0	27.0	117.0	44.0
281.5 - 282.0	17	<0.1	83.0	18.0	71.0	<2.0
282.0 - 283.7	23	<0.1	137.0	18.0	44.0	<2.0
283.7 - 286.0	207	13.0	313.0	368.0	60.0	14.0
286.0 - 288.0	40	2.4	246.0	27.0	73.0	<2.0