

71-212

015763

0 - OB

- 30 Qtz Hblende Diorite

28 - Recovery 28-37' = 4' core

30 - 38 1/2 Frags 50% pure to chloritic Qtzite →

Good Qtzite @ ~ 33-7

38 1/2 - 43 ~ 3 1/2' core

Chl Seric Schist - Olive green color

43 - 44 Banded Qtzite & graphitic

PHYLLITE

Sulf ~ 10% all(?) Py, nonmag,
parallels F_0 ,

$F_0 = 15^\circ @$

44 - 48 ~ 2.5-3' core

Graph. Qtz phyll grading to
bio schist.

Sulfides not noted.

48 - 59

Banded Bk - Bn Qtz graphite(?) (bio?)
phyllite

$F_0 = 30^\circ @ 55'$

48 - 51 2' core

51 - 53 1.8' "

53 - 59 65' core

71-212

59-118

Banded Bio Graph ^{qtz} schist

59-62 2.5' core strong Graph $F_0 15^\circ @ 62$

62-67 4.5' core
4" andalusite qtz band @ 66'

67-73 4.4' core
3" Andel band @ 69'

73-78 2' core

78-81 2' core
 $\frac{1}{2}$ " qtz w/ N 58Pg @ 80

81-85 5.1' core

85-88 3' core highly graphitic
 $F_0 10^\circ @ 87\frac{1}{2}$

88-93 2.3' core

93-97 2.8' core highly graph @
N 93-94

97-101 $\frac{1}{2}$ 5 $\frac{1}{2}$ ' core

101 $\frac{1}{2}$ -107 5 $\frac{1}{2}$ ' core
4" qtz @ 105'
@ 108'

107-112 $\frac{1}{2}$ 5.2' core strong graph

112 $\frac{1}{2}$ -116 5 $\frac{1}{2}$ ' core
 $F_0 = 15^\circ @ 115'$

118-120 117' core

Qtzitic graph schist

Qtz bxa @ 119-120

71-212

120 - 137 1/2

GRAPHITIC BIOTITE Qtz SCH.

120 - 124 2 1/2' core

124 - 126 1/2 1.7' core

126 1/2 - 128 1/2 1.8' core

128 1/2 - 131 1.5' core

131 - 137 1/2 6.2' core Fo 15° @ 132

137 1/2 - 203

Biotitic Qtz Schist

qtz sections to 0.5' randomly scattered thru section (w traces of sulfides)

137 1/2 - 141 1/2 3.6' core

141 1/2 - 146 1/2 5' core

0.5' qtz @ 142 1/2

0.5' qtz @ 143 1/2

Fo 35° @ 145

146 1/2 - 151 5' core

151 - 156 3.8' core Fo 15° @ 155

3" qtz andalusite @ 154

156 - 161 1/2 5.3' core
3" andalusite @ 156

161 1/2 - 167 4.5' core

167 - 171 1/2 5.3' core

171 1/2 - 177 5.5' core Fo 13° @ 177

177 - 183 5.2' "

183 - 188 5.4' "

188 - 192 1/2 5' core

192 1/2 - 199 6.5' core

199 - 203 2.4' core

71-212. (cont)

203 - 231

Bio SERIE Qtz Schist

Section more readily broken along F_0 than previous section

203 - 208 ~4.2' core

graphitic along same fract. - F_0 planes

@

208 - 212 1.5' core F_0 20° @ 212

212 - 217 5.5' core

217 - 220 2' core

220 - 223 3.5' core

223 - 227 3.5' core

227 - 231 5.2' core

See Bio Qtz Sch @ 229 - 231

231 - 250

QUARTZ Bio Serie Sch.

231 - 238 1.2' core

238 - 234½ ~2' core - F_0 15° @ ~ 234

234½ - 235 0.3' core
Qtz verplet

235 - 239 3.8' core

239 - 243 3.9' core

Qtz section: contorted & brecciated
 F_0 highly var to ~70° in section

243 - 245 2.2' core F_0 25° @ 244

245 - 250 ~4.8' core

Bio Actinolite etc schist

71-212

250 $\frac{1}{2}$ - 257 7' core $F_0 \sim 25^\circ$ @ ~ 255
Chlorite Schist

257 - 264

Bio Ser Chl Qtz Schist

257 - 264 7.5' core $F_0 \sim 8^\circ$ @ 258
264 - 279 $\frac{1}{2}$ Chl Ser Bio(?) Sch

264 - 269 5' core

Chl Bio grades to Bio Ser Chl Qtz Sch.

269 - 274 4.8' core

274 - 279 $\frac{1}{2}$ 5 $\frac{1}{2}$ ' core $F_0 5-10^\circ$ @ 279
avg $\sim 8^\circ$

279 $\frac{1}{2}$ - 302

Bio serie qtz chl schist

279 $\frac{1}{2}$ - 289 11' core $F_0 15^\circ$ @ 289

289 - 302 12.2' core $F_0 \sim 12^\circ$ @ 303

302 - 305 3' core

Chl Bio Ser Sch.

305 - 357

Bio Chl / Bio A Serie qtz ~~schist~~ schist

305 - 313 8.5' core $F_0 5^\circ$ @ 313

313 - 324 11.6' core $F_0 20-30^\circ$ @ 320

324 - 337 13.2' core $F_0 25^\circ$ @ 336

337 - 357 20' core $F_0 10^\circ-20^\circ$ @ 357
avg $\sim 15^\circ$

71 - 212 (cont)

357 - 435 1/2

Bio ~~at~~ Seric Qtz Schist

357 - 372 16.6' core Fo 10° @ 372

372 - 388 15.4' core Fo 15° @ 388

388 - 403 15 1/2' core Fo 10° @

1.0+ 403 - 423 ~ 19' core Fo - 15° @ 413

Fo = 10-15 @ 423

423 - 435 1/2 11.3' core Fo = 10° @ 435

435 1/2 - 446 11.8' core

chl
Bio Qtz Seric Schist

Qtz Seric some punky seric @
N 440 - 442

446 - 462 1/2 16 1/2' core recovered

Bio Ser Qtz Schist

Fo 5° @ 461

462 1/2 - 488 27 1/2' core

Seric chl Qtz graph schist

Punky @ 464-465 mainly seric

@ 468-470 seric chlorite

Graphitic 471-472

Fo 25-30° @ 472

10° @ 482

71-212 (cont)

488-500 12' core

Rio sericite schist

25° @ 493

Fo 10° @ 498

80° 496 } in a 1" core
frag

71-213

0-60 OBS

60-100 SER - Chl Phyllite

Interlayered qtz - CO₃ bands

with micaceous bands

widths vary from $> \frac{1}{16}$ to $> \frac{1}{2}$ "

on avg, Tr to 1% pg || to

foliations

Med g_g 60-100, Dlc g_g to 100 ^{Grp?} or Bus0.6 Qtz CO₃ zone @ 63-63.1

0.4' " " " @ 90.6-90.1

S₁ & S₂ foliations observed@ 72' S₁ - N30°, S₂ 10° from Horiz @ 72'79.6' S₂ 5-15° over 2" length87.2 S₂ - 25°96.2 S₂ 20-25°, S₁ N50°104.1 S₂ 20°

±

MED GRAY
 110-114 Banded Seric-Chl Phyllite
 AND QUARTZ, MAX ~~Gr~~^{CO₂} BAND 1/4-1/2"
 TRACE PY W/STZ, ~~Gr~~^{CO₂} 1.1%
 RECOVERY 1/2

S₂ - 20° From Horiz

114-114 1/2 1.6' CORE (TAG MISPLACED?)

114 1/2 - 115 1/2 .2' CORE

115 1/2 - 117 1/2 1.3' CORE

MED GRAY 117 1/2 - 123 1/2 5.3' CORE
 Seric-Chl - Bands widths increased up to
 1 1/2" in places.

123 1/2 - 128 4.5' CORE
 Bio Phyl 126 1/2 - 128
 128 - 130 1.7' "

130 - 133 2.1' "
 Bio Phyl 131 - 133

→ 133 - 136 1/2 3.5' "
 S₁(?) N 70° From Horiz

135-135 1/2 Thin < 1/8" Bio Phyll. bands w/ qtz-CO₂ seric chl
 phyll.

135 - 137 Bio phyll w w. 1% dissam
 py

→ 137 - 147 MED GRAY Banded seric chl phyll w/ CO₂ SiO₂
 Bands to 1"

147 -

152 S₂ - 22°

147-412

SER. CAL. PHYLITE & CO₃ SiO₂
MED GRAY, BANDED

1972 S₂ 10° From Horiz
279 S₂ 5° From Horiz
337-351 Chl Serphyll w/ 3/4" SiO₂ Bands
Seath. Randomly No CO₃ Bands
S₂ @ 376 0° (horiz)

412-420

Ser Chl Bio Phyll Banded
w/ @ CO₃ - SiO₂

S₂ var 20 to 40° (Bio Bands)
from horiz.

428-436

GRAPHITIC BIOTITE PHYLITE
BLACK, Soft (Punky)

436-466

Ser Chl Bio Phyll w/ CO₃

BANDS to 1/2" Tr pg to ~1%

S₂ @ 450' @ 20° From Horiz (dip)

466-469 - 4" RECOVER

GRAP. Bio(?) PHYLITE, Black
Pink

337 - 341 3.5

341 - 351 $\frac{1}{2}$ 11.2

351 $\frac{1}{2}$ - 361 $\frac{1}{2}$ 10.2

361 $\frac{1}{2}$ - 366 4.5

366 - 376 10.0

376 - 386 10.0

386 - 392 $\frac{1}{2}$ 6.3

392 $\frac{1}{2}$ - 402 $\frac{1}{2}$ 10.2

402 $\frac{1}{2}$ - 412 $\frac{1}{2}$ 10.4

412 $\frac{1}{2}$ - 423 10.3

423 - 429 5.1

429 - 436 1.7

~~436 - 440 3.2~~

436 - 445 6.7

445 - 448 2.5

448 - 462 10.2

462 - 466 3.5

466 - 469 0.3

469 - 477 6.7

477 - 482 $\frac{1}{2}$ 5.2

482 $\frac{1}{2}$ - 492 $\frac{1}{2}$ 10.0

492 $\frac{1}{2}$ - 500 7.5

500 - 505 3.7

71-2013

RECOVERY

136 $\frac{1}{2}$ - 139	1.7'
139 - 141	1.0'
141 - 144	1.0'
144 - 147	2.5'
147 - 150	1.7'
150 - 153	2.5'
153 - 157	3.5'
157 - 163	5.3'
163 - 170	6.2'
170 - 177	7.2'
177 - 187	9.8'
187 - 194	6.8'
194 - 200	5.6'
200 - 210	10.2'
210 - 220	10.0'
220 - 223	2.5'
223 - 233	10.0'
233 - 243	10.0
243 - 246	2.5
246 - 256	10.0
256 - 265	8.6
265 - 274	7.4
274 - 277	3.5
277 - 286	11.0
286 - 296	10.1
296 - 306	10.0
306 - 316	10.1
316 - 326	10.0
326 - 333	7.5
333 - 337	3.4

469 - 472

Bio PHYLL w/ ZONES TO

@471 10% Py. Non MAG.

472 - 505 Cal phyllite
tr. po

S₂ 15° from ^(olig) horiz @ 495

~~#~~

42-57. Biotite Quartz Schist -

graphitic in random intervals

~ 5% py - mostly w/ dark
bio(?) bands.F₀ ~ 20 - ~~25~~⁰57-61 Garnetiferous chlorite
qtzite schist.F₀ ~ 20°

61-62.5 qtzite

62.5-65 bio seric schist -
randomly distributed 1/4".

magnetic (sulfide?) bands.

68-69 Qtzite

69-92 F₀ 20° @ 78

Seric Qtzite Bio Schist

< 5% Sulf. Py (+ gal sphal?)

Randomly Scattered

Qtzitic Bands, ^{when fract} generally
show sulfide filling

71-215

0-22.5 ORB ? TRICONS

22.5-24. CHL SERICITE SCHIST

rec - 60-70% Fo 15-20° from Horiz

24-30 CHL. SERIC SCHIST w/

CLAY (ALT. FELDSPAR BANDS)

Fo 10° @ 24.5'

Fo 60-70° @ 29'

Fo 45 @ 30

^{Bio seric schist}

30-31 Bio schist w qtzite bands - 40° rec

31-32.5' ^{31-31.5} graphitic qtzite(?)

1/2" magnetic gal? sphal band.

31.5-32.5 Chl. seric qtzite schist.

< 5% total sulfide

1/2" sphal py band @ 32.7, non mag

Sericitic qtzite (qtzite fract w S. infill).

32.5-42.0 Qtz biotite phyllite graphitic w/sulfide

Fo 25° @ 33 | bands. total

Sulfide < 15% mostly ^{Bi}py

py, minor (gal?) sphal.

69-80 - Strongly biotitic
crenulated. Shows
dark gray color.

80-88 ~~Q~~ Mainly ~~Q~~ tatic

92-100 Bio ^{chlorite} seric qtz schist

100-120 SERIC ^{CHLORITE} Bio qtz schist

Sulfides - py $\epsilon(\%)$ 0-10%

max \sim 108-109' in fract \parallel to foliat.

$F_0 = 40^\circ$ from horiz @ 108
 $= 20^\circ$ " " @ 109

120-134

Bio sh ~~seric~~ seric schist

$F_0 (s_2) 20^\circ$ from horiz @ 121

Rock ~~big~~ bands highly
CRENULATED

134-141 Biotite Quartz Schist

High qtz content (As fractured
stringers). Bio zones
highly crenulated. $F_0 \sim 20^\circ$

from horiz @ \sim 136'.

circulation axis = Folded s(?)

141-154 as 134-141 w/ fewer
fract qtz etc zones.

154-156 Qtz chl schist
~5-10% Sulf, mainly (all?)
py. along fract 65°
from Horiz

$F_0 =$

156-173 Bio^{chl} seric qtz schist
as 141-154

$F_0 = 25^\circ @ 170$

173-182 Chl seric \rightarrow bio-
schist. Fractured 181-182
0-3% Sulf all(?) py. as fract
fill

$F_0 = 15^\circ @ 178$

182-195 Bio chl schist

fract qtz etc zone 184-186 w/
0 to 5-10% Sulf. all py(?) as fract fill

\parallel to F_0

$F_0 = 25^\circ$ from Horiz a 185

Bio schist garnetiferous @ 194-195.

195 - 198 Qtz sericite

schist

30% Sulf || Foliat.

All Sulf = py. + cpy?

198 - 237 Chl Biot Qtz Schist

Fo 25° from Marig @ 218

237 - 263 Biotite qtz schist

Fo 15°

263 - ²⁷⁸ Chl Biot qtz schist

Fo @ 278 30°

0 - 3% Sulf py 80+% +

gal? is phel?

~~##~~

71-215

CORE RECOVERY

71 215

22.5-24 1' ~10%

24-26 ~100%

26-29 1' ~30%

29-30 1' 100%

~~30-32.5~~

30-31 .3 33%

31-32.5 1' 67%

32.5-34 ~ 100%

34-38 3.5 80+

38-40 2.7' - ? 100+

40-45 5' ~100

45-47.5 2' 80

47.5-57 9.5 100

57-61.5 5.4 ~95

61.5-69.5 7.5

69.5-70.5 1.5

70.5-78 7.2

78-80 2.2

80-92 10.2

92-102 ~10'

102-104.5 ~3'

104.5-109 4.2'

109 - 121 . 3.4

• 121 - 127 15'

• 127 - 132 5'

• 132 - 137 5'

137 - 141 3'

141 - 146 5'

146 - 151 5'

151 - 156 5'

156 - 161 5'

161 - 166 5'

166 - 171 5.5'

171 - 176 5.2

176 - 181 4.9

181 - 186 4.7

186 - 202.5 11.5

202.5 218 20'

218 - 228 11

228 - 252?? 5.5'

252 - 247 4'

247 - 241? 1.5

241 272 34.5

272 - 278 5

Tags mixed up?

>

o

#

71-216

0-41 0/13

41-44 $\approx 4''$ of sample

qtzitic & sericitic pebbles
w/ some being massive
sulf.

Drillers reported several
feet of black cuttings -
would not core.

44-55 $\frac{1}{2}$ $\approx 1'$ of sample, punky
clayey sericitic mud
& qtz bio schist, & Bio seric schist
Qtzitic frag 10-15% Sulf. only
py. recognized

55 $\frac{1}{2}$ -59 $\approx 6''$ of sample

Bio seric schist

M

59-62 $\approx 2'$ of core
Seric Bio Andalusite
schist w/ qtzite bands

2-25% sulf. py (100%?) w/ qtzitic
bands & || to S_2

62-65.5' $\approx 1.5'$ of core

~~of~~ seric. qtzite schist grade
to bio schist w/ qtzite bands
Sulf. 5-15% w/ qtzite
 $\sim 90\%$ py + gal? sphal?

65.5' - 68' $\sim 1'$ of core

qtz bio schist w/ ~~st~~

seric schist @ 67.9

Sulf 5-15% 90% py + gal(?) sphal

68-72 2.5' of core

~~is~~ bio seric qtz schist

5-15% Sulf 90% py + gal? sphal

non mag

F₀ 15° @ 70'

72-75.5' $\sim 2.8'$ of core

seric bio qtz schist

@ 68-72

F₀ = ?

Frag. appear brecciated

75½ - 77 1' core

Bio seric schist

77-78½ 1.4' of core

Bio Seric Sch

F₀ = 65° from Horiz @ 78'

78½ - 82 ~ 2.5' core

Bio seric sch

to 5% sulf py 90 + gal?
Splal

82 - 83 .8' of core

Ser Bio sch. -

Broken

83 - 86 ~ 1' core

Bio ser ?? Sch. w/

mainly 90% qtzite recovered

S. to 10% in qtzite, 90%+?? py.

avg to 3% sulf.

86 - 87½ 0.6' core

Bio seric sch

F @ Horiz. 120

111-116 ~ 3.4' core

↳ Bio ser chl sd.

↳ $< 1\% S = 90\% (?) py + g? + s?$

Bands getting contorted

116-122 ~ 3.8' core

as 111-116

$F_0 \sim 20^\circ$ from horiz

122-128 ~ 2.3' core.

Bio ser sch.

128-133 ~ 2.8' core

Ser qtz sch. w/ zones of
andalucite @ $\sim 128\frac{1}{2}$

133-140 ~~5'~~ ^{5'} w ~~2.5'~~ core

Ser schist,

140-143 ~ 3' core

ser sch. ~~4'~~

143-147 ~~At~~

ser sch mostly patches of
bio ser sch ($\sim 10\%$ of interval).

87½ - 92½ ~ 3.8' core

Bio seric sch.

$F_0 \cong 30^\circ (?)$

92½ - 94½ ~ 0.7' core

ser + minor bio sch

94.5 - 98 ~ 1.7' core

grades from ser sch to
ser bio sch.

98 - 104 ~ ~~2~~⁴ core (peg in wrong
Ser. Bio sch. +

101 - 106 (≅ 3.4')

ser bio → bio ser sch.

F_0 15° @ ~ 104.

106 - III ~ 4.5' core

Bio ser sch

147-151 ~ 1.2' of core

Ser qtz(?) schist - w/ only
qtzitic zones cored,

151-155 ~ 4' core

Ser bio sch.to 5-10% S 90% py & qtz (?); avg S \approx 3%Fo \approx 45° @ 152155'-160' \approx 2' coreSer bio sch

160-166 ~ 4.8' core

Ser bio sch.

166 - 185 ~ 8' core

~~from~~ FAULT?

Ser sch + highly weath(?)

clay zone w/ qtz pebbles @

166-170 2' rec

170-175 ~ 0.8' core

175-180 ~ 2' core

180-185 ~ 2' core

185 - 188 w 2.5' core

Bio ser chl sch.

$F_0 \approx 30^\circ$

188 - 190 $\frac{1}{2}$ w 1' core

Bio Ser schist

Fal ≈ 30 but some sections highly contorted.

190 $\frac{1}{2}$ - 193 $\frac{1}{2}$ w 3.3' core

Bio ser chl sch.

$F_0 \approx 45^\circ$ general reading

193 $\frac{1}{2}$ - 210 $\frac{1}{2}$ w $\frac{17\frac{1}{2}}{16}$ core

Bio Ser qtz sch.

highly contorted bands

211 $\frac{1}{2}$ - 221 $\frac{1}{2}$ w 8' core

Arz Feldspar (Dacite) Porph

Bio sch. is pinky @ contact 210-21

221 $\frac{1}{2}$ - 232

Pinky Bio Ser Sch.

221 $\frac{1}{2}$ - 228 w 3.5' core

228 - 232 1.5' core

232-233.6 "0.8' core

Dior porph w/ ^{Fspar} phenac
3/4" long.

233.6-235 1.5' core
as above

235-237.5 1.5' core
Punky Bio ser sch

~~237.5~~ - 239.5 2.5' core
as 232-233.6

239.5-248 1.5' core
Punky Bio ser sch

248-300

Bio ser sch		Fo
248-251	2.5' core	
251-253	1.7' "	30°
253-258	4.6' "	
258-269	1.5' core	seric @
269-273	3.8' "	265-267 30°
278	5' "	
283	5' "	27°
288	5' "	280°

71 - 217

10/8

0 -

OB

- 38 Seric Bio Qtz^{Garnet} Sch
1/16" stringer soft my: gal sphal in Qtz frag.

38 - 43 Mud 0% Rec

43 - 53 Mud % Rec

53 - 59 0.5' Rec

Seric Bio Qtz^{Garnet} Schist

59 - 63 ~ 1.3' Rec

Ser Bio Garnetif. Schist

63 - 68 Ser Bio Schist

4.1' core
rec.

F₀ 10° @ ~ 64'

68 - 73 0.7' Rec

Seric^{Bio} Sch

F₀ 20° @ ~ 72'

73 - 78 ~ 2' core

Seric schist, soft - punky

F₀ 40° @ ~ 75'

78 - 80 ~ 1.8' core

Seric schist

F₀ as 75'

71 - 217

2078

80 - 85 ~ 1.5' core
Seric Schist to Seric ^{chl garnetif} Qtz Schist

0 - 5% S. 70% py + gal & sphal
in fract
Fo ~ 80 @ ~ 84'

85 - 89 ~ 1.3' core recovery
Seric chl Qtz Schist

0 - 5% Sulf ~ 60-70% py + gal & sphal
in fract
Fo 50° @ ? 87'

89 - 92 1.5' core rec.

Ser. Qtz garnetif Schist

0 - 10% S avg 3-5 60-70% py + gal & S
Fract consolidated max S w/ Qtzitic intercep

92 - 95 ~ 1' rec

Ser chl Qtz garnetif schist

Fo 40° @ ~ 94'

To 1% Sulf.

95 - 99' ~ 3' core

Ser schist

1 - 2% S

Fo 40° @ 98'

71-217

3/7/8

99-120

Ser qtz^{chl} Bio schist

99-101	~	1.7'	core
101-104	~	2.5'	core
sect to 5% Sulf 60% py + g+s in fract.			
104-107		2'	core
107-110		2'	core
110-113½		3.5'	core F ₀ ~ 32° @ 113
113½-118		4.8'	core F ₀ 35° @ 118
118-120		2'	core

120-143

Seric Chl Bio Sch

120-123	1.5'	core	F ₀ @	
123-128	5'	core		
Bio Chl Ser Sch.				
128-133	5'	core		25° @ 133
133-138	5'	core		25° @ 135
138-143	4.5'	core	20° @ 142	

0-5% Sulf. avg ~ 2%/copy & g+s.
fract controlled.

1

71-217

4 of 8

143-163

Seric Chl Bio Schl

143-148

148-151 2' core

151-153 1.6' core

153-158 2.7' core

158-163 ~1.7' core

160-163 ~0.7' core

163-173

Seric Bio^{chl} Schl

163-168 5.5' core Fo 30° @ 164

168-173 4.5' core

0.3' gtzte @ 170-170.6

173-186½

Seric Chl Bio Schist

Soft-punky seric sch @ 177-178

173-178 5' core

Fo 25° @ 176

178-186½ 7' core

Fo 30° @ 182

186½-203½

Bio Chl Seric^{gtz} Schist

186½-191½ 5' core

191½-193½ 2' core Fo 30° @ 191

71-217

57°

186½ - 203½
count

193½ - 198½

5' core

F₀ 25° @ 198'

198½ - 203½

5½' core

F₀ 20° @ 203½

203½ - 242½

Seric Chl Bio Sch.

203½ - 207

5' core

207 - 214

5½' core

214 - 219

5' core

F₀ 30° @ 219

219 - 224

5½' core

224 - 229

4.7' core

229 - 233

3' core

233 - 237

4' "

237 - 242½

5½' "

F₀ 20° @ 242

242½ - 282 E

Biotite Chl. Seric Schist to
Bio Chl Qtz Seric Sch.

241½ - 248

5½' core

F₀ 30° @ 244

Bio zones lightly contactd where
F₀ ~ 40, but overall avg 30°

248 - 253

4.8' core

253 - 256½ Bio Chl Qtz Ser Sch.

2½' core

256½ - 260½

quartzite w/ Andalusite &
chlorite, 3' core

260½ - 268

Bio Chl Qtz ser Sch.

2" Andalus zone @ 261½

F₀ 40° @ 261

71-217

6 of 8

(cont)

268-273 4.6' core

Bio Chl Ser Qtz Sch.

273-277 4.9' core Fo 25° @ 273
4" Andal. qtz sections 273-273 1/2

277-282 5.2' core Fo 65° @ 281

chl Bio Sch. Andal sections 277-278,
Bio rusty oxid 4" @ 279

282-293 282-288 5.7' core Fo 15° @ 287.

chl Bio Sch.
Bio oxid - rusty, goethite

288-293 4' core

292 1/2 - 293 crumbly serie.

293-313

Bio Chl Schist
Brecciated 293-294

293-298 5.3' core

298-303 4.9' core Fo 10-30° avg 25°
Fo @ 303

303-308 5.2' core

308-313 5.2' "

313-318 5.5' core Fo

Chl Seric Bio Sch.

318- Chl Bio Serie Sch

Goeth from oxid Bio(?) Gives light brown
color to sections of rock

318-322 4' core

322-327 4.8' core Fo 20° @ 323

Sericite & Qtz frags 324 1/2 - 325 1/2
327-333 5.5' core

333-338 5' core
Brecciated at top 333-333 1/2

71-217

7 of 8

Continued

338 - 343 5' core

End of Limonitic staining

343 - 348 5.5' "
Mineral Bands highly crystallized
Fo avg = 10° @ 348

348 - 353 4.6' core

353 - 356 3.5' " Qtz, andal. 355½ - 356½

356 - 361½ 3.5' "

361½ - 367 6.6' "

367 -

Rio Chl Ser Sch

367 - 372 5' core Fo 0° @ 371

372 - 376½ 5' "
Qtz andalusite chl sections 375 - 376½

376½ - 382 5.3' core

Qtz + w/S 379 - 379.5
10% S py po + gal? sphal?

382 - 385 1.8' core

383 - 385 Qtz + fractured w/ chlorite &
minor andalusite

385 - 416

Rio Chl Ser Sch

385 - 390.5 5.3' core

390½ - 396 4.3' " Fo ~ 5° @ 396

396 - 401 5.7' "

401 - 406½ 5.2' "

406 - 411½ 5.0' " Fo = 0° @ 411

71-217

JJJ

(continued)

411 - 416 4.8' core

416 - 483

Bio SERIC CHL SCHIST

416 - 421 1/2 5' core
punky seric 416 - 417

421 1/2 - 427 5.4' core

427 - ~~431 1/2~~ 431 1/2 5.4' core

431 1/2 - 437 1/2 5.8' core F₀ ~ 10° @ 432 1/2

437 1/2 - 443 5' core

443 - 448 5' core

448 - 453 5' core

453 - 458 5.2' "

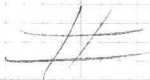
458 - 463 5.7' "

463 - 468 5.2' "

468 - 473 4.8' "

473 - 483 10' " F₀ 5-10° @ 483

END OF HOLE



71-211

O-92-OB

92 - ~~138.5~~²¹³ BMS

213 - 216.5 Gauge

216.5 - 219 Bio monz Lake

219 - 221 Gauge + Bx19

221 - 224 ~ BMS

224 - 226 - Gauge + Bx19

226 - 233 - BMS

233 - 235 - Gauge + Bx19

235 - 275 QFφ (monz. Lake)

275 - 305 " "

305 - 337 " "

337 - 377 "

377 - 379 Gauge

379 - 381 Graphitic BMS

381 - 383 Gauge

383 - 385.5 Graphitic gauge

385.5 - 451 QFφ

451 - 487 "

487 - 501 CG φ