

* put in decimal metrage *

1 0 24.8 1 1#
 2 OVERBURDEN - TRICONED/NO CORE
 3 999
 4 ^{going to} 24.8 30.0 2 5B20 ^{delete} ^{dark} ^{AL}
 5 (5B25) EOI ^{period}
 6 MEDIUM SOFT TO MEDIUM HARD, DARK GREY TO MED GREY, CLACAREOUS, WELL-
 7 LITHONED PHYLLITE DARK S2 FOLIATE SEPARATING LITHONS - GRANULAR ^{arkite-}
 8 QUARTZ BANDS - LAST 1/2M OF UNIT HAS DOLOMITE. CORE ABOMINABLE
 9 VERY BROKEN, POKER CHIPP, RUBBLY, RECOVERY 80%
 10 999
 11 30.0 31.3 3 M 5C\$
 12 FOLIATED "LEOPARD ROCK"
 13 TYPICAL ANESTANOSING CHLORTIC FOLIATED METABASITE. CARBONATE
 14 DOLOMITE LAST 0.3M IS 5D MARGIN. MODERATELY TO VERY BROKEN.
 15 RECOVERY 80%
 16 999 ^{approximately}
 17 31.3 33.4 4 5B26
 18 \$
 19 DARK GREY, NONCALCAREOUS, PS2 FOLIATED PHYLLITE WITH SPARSE QUARTZ
 20 DOLOMITE LITHONS ABUNDANT 10\$ S2 FOLIAFORM VEINS. MODERATELY TO
 21 VERY BROKEN/RECOVERY OK ^{indeterminate} ^Q ^{space} IND GOUGE AT EOI
 22 999
 23 33.4 36.4 5 10Q\$
 24 89 8#MINOR
 25 ¹⁵ 9 \$ FOR PYRRHOTITE 0.4M IN CENTRE OF UNIT CORE VERY BROKEN TO
 26 RUBBLY/2M RECOVERED (2/3) IND GOUGE THROUGHOUT AS SMALL LUMPS.
 27 INTERLEAVED IS DARK GREY TO BLACK SCALY 5B26\$ PHYLLITE
 28 999
 29 36.4 41.9 6 5B26
 30 8\$ MINOR
 31 DARK GREY, NONCALCAREOUS, PS2 FOLIATED, MEDIUM SOFT PHYLLITE
 32 MINOR LITHONS OF GRANULAR QUARTZ-DOLOMITE (WEATHERS TAN/WHITE
 33 FRESH) VERY BROKEN IND GOUGE AT TOI,EOI,COI - RECOVERY 80% POSSIBLE
 34 FAULT THROUGH THIS UNIT ^{indeterminate}
 35 999
 36 41.9 45.1 7 5C4\$
 37 (5B62) 50:50
 38 HIGHLY AND IRREGULARLY FOLIATED, CARBONATED METABASITE WITH MINOR
 39 ⁵ FUCHSITE, INTERLEAVED ON 0.4M BASIS WITH DARK GREY, NONCALCAREOUS
 40 PHYLLITE WITH QUARTZOSE BANDS - RUBBLE WITH SHORT BROKEN CORE
 41 AND IND GOUGE ZONES - COULD INDICATE FAULT OR TOP OF HOLE PROBLEMS
 42 RECOVERY 80%
 43 999 ^{indeterminate}
 44 45.1 50.9 8 5B62
 45 \$
 46 MEDIUM GREY TO DARK ^{medium} ^{BE} GREY, PS2 FOLIATED, PHYLLITE WITH QUARTZ-
 47 DOLOMITE LITHONS SEPARATED BY DARKER SOFT S2 FOLIA - VERY BROKEN
 48 RUBBLE AND GOUGE - GOUGE ESPECIALLY LAST 0.3M IND RECOVERY 65%
 49 999 ^{indeterminate}
 50 ^{going to} 50.9 55.7 9 5A6
 51 (5B26\$)
 52 DARK GREY TO BLACK, NONCALCAREOUS, MODERATELY HARD TO SOFT
 53 PHYLLITE WITH LOCAL GRANULAR QUARTZ DOLOMITE LITHONS. VERY BROKEN
 54 TO RUBBLY WITH MUCH IND GOUGE. RECOVERY 80%. INTERVAL 33-55.7
 55 IS ALL VERY BROKEN WITH MANY GOUGE SECTIONS. COULD BE A FAULT
 56 ZONE WHICH CANNOT BE PINNED DOWN TO A SMALLER RANGE. NOT SOLID
 57 GOUGE - SHORT INTERVALS IND GOUGE SEPARATED BY RUBBLE. LOCALLY
 58 S2 STEEPER THAN NORMAL - LOCAL FAULT ^{BXA}
^{breccia}

59 999
60 55.7 61.2 10 5B6
61 (5D\$) TRACE
62 MODERATELY SOFT, PS2 FOLIATED, NONCALCAREOUS, MEDIUM GREY TO DARK
63 MEDIUM GREY PHYLLITE WITH LIGHT GREENISH GREY, GRANULAR, FINE-
64 GRAINED QUARTZOSE SILTSTONE (?) BANDS FORMING LITHONS. PYRITE
65 PORPHS - SOME MIXED PYRRHOTITE/PYRITE PORPHS. INTACT.

66 999
67 61.2 69.6 ^{very} 11 5B6
68 8\$ 82 MINOR & ^{very} 84 MINOR 84
69 SAME ROCK AS ABOVE UNIT #10 (WITH BETTER LITHONS - MORE ABUNDANT,
70 COARSER WHITER QUARTZ & MINOR DOLOMITE & VERY MINOR CALCITE
71 PYRITE>PYRRHOTITE PORPHS TO 69 INTACT/69-EOI POKER CHIPPY,
72 INCIPIENT GOUGE AND RUBBLE RECOVERY OK - STRONGLY Banded IN
73 SHADES OF WHITE AND MEDIUM DARK GREY - COMBINED ORIGINAL BANDING
74 AND S2 STRIPING. 84 0.25M ZONE OF BLENDING AND SULPHIDE-
75 QUARTZ VEINING (?) PYRITE-PYRRHOTITE-SPHALERITE AT 66.8M
76 DARKER DOWNWARD TOWARDS SULPHIDES. ^{bleaching}

77 999
78 69.6 74.0 12 4E\$8
79 84 81 86 [4K\$8&6] (5D4*) BXA breccia ITE
80 VERY HETEROGENEOUS SECTION - BASIC SULPHIDE ROCK TYPE IS FINELY
81 Banded DOLOMITE AND MAGNETIC BEARING, NEARLY MASSIVE PYRITE ic
82 SULPHIDES - CONTAINS MINOR THIN BANDS OF QUARTZ AND SHORT INTERVALS
83 CONTAINING BASITE. CHARACTERISED BY PRESENCE OF CLASTS/AGEN u
84 OF FLESH-DOLOMITE FLOATING IN SULPHIDE MATRIX. x LOCALLY CLASTS
85 ductile DERIVED FROM QUELITE BXIATED CARBONATE-QUARTZ VEINS (?) ALSO
86 brecciated HAS FINE GRAINED DOLOMITE IN MATRIX. 0.4M INTERBAND OF 5D4* AT
87 70.3-70.7M. TOTAL SULPHIDES ABOUT 50%/INTERVAL HAS 25% QUARTZ
88 AND DOLOMITE CLASTS/VEINS. OVERALL AFFINITIES TO 4K AND 4G
89 (AND TO NEXT UNIT IN PARTICULAR) SPLIT - ORIGINALLY INTACT -
90 DUCTILE FLOW BXA breccia

91 999
92 74.0 76.4 13 4E48
93 8\$ 8POROUS
94 FINE-GRAINED, FINELY Banded MASSIVE PYRITIC SULPHIDES. BANDING
95 DUE TO STREAKY MAGNETIC LOCALLY FORMING D2 FOLDS. TOTAL SULPHIDES
96 HIGH. CONTAINS DISSEMINATED FINE-GRAINED ALOLAMITE. SEVERAL %
97 MAGNETITE AS STREAKS. NO DOLOMITE CLASTS. RESEMBLES SOME SECTIONS
98 OF SULPHIDE MATRIX IN LAST UNIT. MAY BE LOCALLY BARITIC. INTACT
99 ALTHOUGH SPLIT.

100 999
101 76.4 76.9 14 5D4*
102 (4E4) MINOR
103 SPLIT/TRASHY ^{going to}
104 999
105 76.9 79.9 15 4E48
106 8\$ 8POROUS (4G48 &#) 80:20
107 4G AT END OF INTERVAL. NO SUBSTANTIAL CARBONATE CLAST. VERY delete
108 SIMILAR TO UNIT #13 ONLY THIS HAS READILY VISIBLY BASITE. SPLIT-
109 INTACT
110 999
111 79.9 80.6 16 4K\$
112

113 ORANGE-WEATHERING, OFF-WHITE, FLESH DOLOMITE CLASTS AMEBORD BODICE
114 IN FINE-GRAINED, HOMOGENOUS, WEAKLY FOLIATED, BARREN, PYRITIC
115 MATRIX. NO MAGNETITE. SPLIT-INTACT. VERY MINOR CHALCOPYRITE
116 NOTED IN FRACTURES IN DOLOMITE.

117 999
118 80.6 86.1 17 4A0

999
+ PLTSCALC
PLTSCALC

going to
119 (4C0) 65:35 D Har Har. d
120 HARD TO VERY HARD, PYRITIC QUARTZITES, 2/3 HAVE DARK GREY TO BLACK
121 CARBONACEOUS FOLIA. GRAMES INTO AND OUT OF NONCARBONACEOUS, WEAKLY
122 BANDED QUARTZITES. TOTAL SULPHIDES 15-20% MAINLY PYRITE WITH ONLY
123 MINOR CHALCOPYRITE. WELL DEVELOPED S2 LITHONS. S2 FROM FOLIA ~~FROM~~ form
124 VERY LIGHT GREY TO BLACK. SNIPPET OF 5D4* NEAR EOI. SPLIT-INTACT
125 LOCAL ZONES OF GRADELE BXA - WIGG - NO CARBONATE NOTED
126 999
127 86.6 88.6 18 4E4\$ crackle breccia Vuggy, not
128 &POROUS 8 MINOR (4G4\$) (4K\$9) (5D4*) 60:05:15:20
129 LARGELY MASSIVE SULPHIDE ZONE WITH 5D4 INTERLAYERED WITH ABOVE
130 MASSIVE SULPHIDES. SPLIT-INTACT
131 999
132 88.6 92.4 19 4D3\$
133 84 (4C3) (4A4) (5D4*) 40:20:20:20 and
134 SPLIT-ORIGINALLY INTACT 5D4 AS 0.2 M SHORTER INTERBANDS
135 NEAR CENTRE
136 999
137 92.4 93.6 20 4E4\$
138 86 &POROUS (5D4*) 75:25
139 SPLIT-ORIGINALLY INTACT
140 999
141 93.6 96.6 21 4D0 going to brecciated
142 83\$ 84 (4A4) (5D4*) 60:10:30
143 ENTIRE UNIT CRACKLY BRECCIATED AND RUBBLY - ACCENTUATED BY SPLITTING
144 GRADES IN AND OUT OF D WITH ONLY SHORT CARBONACEOUS INTERVALS.
145 5D4 AS SEVERAL INTERVALS LESS THAN 0.3M TOTAL SULPHIDES 25%
146 PYRITE > SPHALERITE EXCEPT FOR SHORT SPHALERITE INTERVALS.
147 999
148 96.6 99.7 22 5C4*
149 (5D4*) (4E\$) 50:45:05
150 HIGHLY ALTERED, CARBONATED METABASITE WITH RELICT GREEN
151 PRESERVED LOCALLY. MINOR "FUCHSITE". GOOD LEOPARD ROCK TEXTURE.
152 SPLIT-RECOVERY OK.
153 999
154 99.7 104.8 23 4D\$ going to
155 (4C0) DOWN HOLE delete to
156 TRANSITION FROM 4D TO 4C IS ABOUT 102.2. SPLIT BUT INTACT. TOTAL
157 SULPHIDES 25% (TOI) GOING TO 10% (EOI) 2 PYRITE DIVIDED BY 1
158 SPHALERITE (TOI) AND TOTALLY PYRITE AT EOI. NOT WELL BANDED -
159 TEXTURE MORE NETWORK OF SULPHIDES IN QUARTZ FORMING DIFFUSE
160 BANDING. DOESN'T REALLY LOOK 4A DERIVED NOT MICACEOUS - NOT
161 BANDED - NO 4A RELICTS.
162 999
163 104.8 107.1 24 4G4
164 &MINOR 8 & POROUS the
165 POROUS WHERE CARBONATE BEARING. 308 BARTIE. HONEY COLOURED
166 SPHALERITE BANDING EXCELLENT. MAGNETITE AS FINE DISSEMINATIONS
167 IN BANDS. OVERALL A LIGHT TO MEDIUM YELLOWISH BROWN. SPLIT -
168 INTACT/RECOVERY OK.
169 999
170 107.1 120.4 25 5B80
171 (5D0) 80:20 calcite
172 MODERATELY SOFT, MEDIUM GREY-GREEN WITH SLIGHT BLUE-GREEN CAST
173 ON CUT SURFACE. WELL DEVELOPED CE QUARTZ WHITE LITHONS/
174 MICROLITHONS/BANDS. DOMINANT ROCK TYPE INTERLAYERED WITH LESSER
175 YELLOWISH GREEN CHLORITIC PHYLLITE WITH LOCALLY COARSE LITHONS some

176
177
178

(5D). ^{U.I.M} OILM MARBLE BAND AT 116.8M. MODERATELY BROKEN WITH LOCAL RUBBLE AND INCIPIENT GOUGE TOI-109.2/109.2-EOI INTACT.
999

from

179 120.4 124.0 26 5D0

180 (5B80) 90:10

181 MODERATELY SOFT, MEDIUM OLIVE/YELLOWISH GREEN, CALCAREOUS
182 CHLORITIC PHYLLITE WITH S2 FOLIATION (E) QUARTZ VEINS WITH
183 10% GREYISH GREEN S80 - NO GOOD LITHONS JUST GREY COLOUR. INTACT
184 RECOVERY OK.

calcite

185 999

186 124.0 126.5 27 5B80

187 (5D0) 70:30

188 ROCK AS ABOVE. POORLY DEVELOPED LITHONS. INTACT.

189 999

190 126.5 131.1 28 5B80

191 &S MINOR

192 8 IN THIS UNIT WEAKENING ^{Good} BAND LITHONS. ^{calcareous} CALC SILICATE IN

193 LIGHT GRANULAR BANDS WHICH WEATHER TAN. TOI-129.8 INTACT/

194 129.8-EOI VERY BROKEN AND RUBBLY. RECOVERY OK.

195 999

196 131.1 132.0 29 5B62

197
198 DARK GREY, NONCALCAREOUS, MEDIUM SOFT PHYLLITE WITH GRANULAR
199 QUARTZ - MINOR DOLOMITE LITHONS. RUBBLE/RECOVERY OK.

200 999

201 132.0 132.8 30 5D\$

202 80

203 MEDIUM TO DARK GREEN CHLORITIC PHYLLITE WITH RUST WEATHERING
204 DOLOMITE-CALCITE BANDS. MODERATELY BROKEN/RECOVERY OK.

205 999

206 132.8 136.2 31 4D0

207 83 (4E18) (5D\$) 85:05:10

208 HARD, WELL BANDED, PYRITIC QUARTZITE WITH LIGHT GREY TO CREAM

209 TO WHITE S2 FOLIA. OVERALL CREAM TO LIGHT GREY. WHITE - MUSCOVITE

210 QUARTZITE INTERBANDED WITH COARSER QUARTZ-SULPHIDE BANDS PARALLEL LLEL

211 TO S2 (?) 20% TOTAL SULPHIDES. PYRITE >>> SPHALERITE. OVERALL

212 GRADE ALMOST EQUAL TO 5%. UNSPLIT/INTACT. 10% 5D\$ AS 1 LARGE

213 AND SEVERAL THIN BANDS. 83 APPLIES TO 5% OF CORE.

214 999

215 136.2 136.5 32 4E4

216 POROUS

217 SPLIT/RUBBLY

218 999

219 136.5 138.4 33 4A3

220 (4A0) DOWN 7

221 SPLIT TOI-130.8 INTACT/130.8-138.4 RUBBLE. TOP 0.5M CRACKLE BXA

222 AVERAGE SULPHIDES 25% (TOI 10% TO 5% EOI) PYRITE DEVELOPMENT

223 999

224 138.4 139.3 34 4E4

225 # 8 6 (4E10) 80:20

226 SPLIT/INTACT. NOTE 4E10 AT TOP OF INTERVAL.

227 999

228 139.3 140.3 35 4E10

229

230 HARD, BARREN, FINE-GRAINED PYRITE WITH AMEBOID QUARTZ BLOBS UP

231 TO 5MM ACROSS. MINOR ANKERITE. 4K TEXTURE IN MINIATURE WITH

232 QUARTZ.

breccia

ameboid

± ?

233 999
234 140.3 140.8 36 4E46
235
236 SPLIT/INTACT
237 999
238 140.8 141.8 37 4E14

239 ^{going to} \$D(4L146) (4L624) ??
240 APPEARS TO BE NEARLY MASSIVE PYRITIC SULPHIDES WITH QUARTZ
241 AND DOLOMITE CLASTS GRADING THROUGH PYRITIC QUARTZITE WITH GREEN muscovite
242 S2 FOLIA TO GREENISH CREAM, MODERATELY HARD-MEDIUM SOFT, ~~MUSE~~ >
243 CHLORITE PHYLLITE WITH QUARTZ-PYRITE-SPHALERITE BANDS. AFTER 5D?
244 SPLIT/INTACT.
245 999
246 141.8 146.1 38 4D38
247 \$
248 FINELY LAMINATED AND FOLIATED, VERY HARD, VERY SULPHIDE RICH,
249 BORDERLINE PYRITIC QUARTZITE WITH ABUNDANT QUARTZ BANDS AND LESSER
250 CARBONATE BANDS AND CLASTS. STREAKY, BLACK MAGNETITE FOLIA.
251 TOTAL SULPHIDES 60-70%. THIN CHLORITE-MUSC ^{OVITE} FOLIA RESEMBLING
252 4L6 OF LAST UNIT. ^{IC} REMINDED OF CARBONATE AND MAGNETITE BEARING
253 GREEN SULPHIDE QUARTZITE IN UPPER HORIZON IN 1982.
254 SPLIT/INTACT. ^{delete} GRYNCHILSON
255 999
256 146.1 146.5 39 5A1
257
258 DARK GREY TO BLACK, SILICEOUS, NONCALCAREOUS, NON-SULPHIDIC
259 CARBONACEOUS PHYLLITE. SPLIT/TRASHY.
260 999
261 ^{going to} 146.5 147.3 40 4D38
262 \$C(4E184)
263 MINOR CHLORITIC FOLIA. SIMILAR TO UNIT #38 (BORDERLINE TO 4E1)
264 TRANSITIONAL DOWN HOLE TO 4E184 WITH BANDINGS OF 4D AND QUARTZ
265 DOLOMITE VEIN MATERIAL. ^{Boudins}
266 999
267 ^{going to} 147.3 148.0 41 4A0
268 5A19
269 HARD, BLACK, QUARTZITE/SILICEOUS PHYLLITE WITH POORLY DEVELOPED
270 QUARTZ SULPHIDE BANDING. 2 1/2% TOTAL SULPHIDES. PYRITE ^{equates}
271 SPHALERITE CLOSE TO 5A. SPLIT/RUBBLY/RECOVERY OK.
272 999
273 148.0 151.5 ^{going to} 42 4D39-8
274 \$MINOR 8#MINOR (4E084) (4A0) (5A1) (5D4) MINOR 65:15:15:05
275 INTERLEAVING ON SCALE 0.4-0.2M. DOMINANT LITHOLOGY 4D BODERLINE
276 4E. HAS MICACEOUS FOLIA. SIMILAR TO UNIT #38. SPLIT/INTACT
277 5D4 AS SEVERAL THIN S2 FOLIAFORM BANDS. TOTAL SULPHIDES 60%
278 INCREASING AMOUNT FLOATING AMBOID, QUARTZ, AND DOLOMITE
279 CLASTS. ^{OF}
280 999
281 151.5 157.6 43 4D0
282 &\$ 89 MINOR &3 88 MINOR
283 HOMOGENEOUS TO WEAKLY BANDED SULPHIDIC QUARTZITE. 25% SULPHIDES.
284 PYRITE >>> SPHALERITE. BANDING DIFFUSE PARALLEL FOLIATION.
285 GOOD DEVELOPMENT OF SULPHIDE NETWORK BETWEEN SULPHIDIC BANDS.
286 \$ AND 8 MAINLY NEAR TOP OF UNIT. S2 FOLIA SLIGHTLY GREENISH
287 GREY. CHALCOPYRITE MINOR IN CROSS-CUTTING FRACTURES.
288 SPLIT/INTACT/
289 999

290 157.6 (165) 44 4A0
291 83 MINOR 89 MINOR 87 MINOR
292 FRACTURE BOUND PYRRHOTITE ASSOCIATED WITH CHALCOPYRITE. SEVERAL
293 THIN 5D&4 FUCHSITIC INTERBANDS PARALLEL TO FOLIATION. LAST 1M
294 POKER CHIPPY AND INCREASINGLY POORLY DEVELOPED SULPHIDE QUARTZ
295 BANDING AND GRADES INTO 5A19 MINOR. SIMILAR TO UNIT #39.
296 FEW THIN INTERBANDS 4E1 - 5CM THICK. TOTAL SULPHIDES 20%.
297 PYRITE DOMINANT/MINOR SPHALERITE/5% PYRRHOTITE. SPLIT/INTACT
298 999

going to
299 (165.1) 166.2 45 4K0
300 (4038# 4E1) 50:50
301 HARD, FIZZES SLOWLY IN 20%, FLESH COLOURED, TAN-WEATHERING,
302 FINE-GRAINED MASSIVE PYRITIC MATRIX. 4K AT TOP/4D3 AT
303 BOTTOM. CONTACT BETWEEN SULPHIDES AND HOST ROCK SHARP/ SERIES
304 OF S2 FOLIAFORM SULPHIDE BANDS/OUTERMOST HEAD IN PYRRHOTITE.
305 999
306 166.2 170.0 46 5B62
307 \$ VERY MINOR
308 MODERATELY HARD, DARK GREY, NONCALCAREOUS, PS2 FOLIATED PHLLITE
309 WITH THIN 5D BANDS PARALLEL TO FOLIATION. MODERATELY BROKEN
310 WITH RUBBLE EOI.
311 999
312 170.0 175.3 47 5A1
313
314 DARK GREY TO BLACK, HARD, SILICEOUS PHYLLITE WITH MINOR QUARTZ-
315 DOLOMITE BANDS. NONCALCAREOUS, "DOLOMITE FLASH" CRACKLE VEIN WITH
316 QUARTZ-DOLOMITE-^{cc} calcite. THIN 5D BANDS PARALLEL PS2. PS2 FOLIATED.
317 \$ VERY MINOR. TOI-175.5 RUBBLY/175.5-177.5 INTACT/177.5-EOI RUBBLY,
318 MEDIUM TO VERY BROKEN. EOI IS RUBBLE. FOOTAGE BLOCKS BAD.
319 RECOVERY OK.
320 999
321 175.3 187.2 48 5B62
322 \$ VERY MINOR
323 MODERATELY HARD, DARK MEDIUM GREY, NONCLACAREOUS, MEDIUM
324 QUARTZOSE PHYLLITE. MICROLITHONS - SMALL LITHONS OF QUARTZ -
325 K AMBERITE. LARGELY PS2 FOLIATED. WEATHERS WITH BRICK TO ORANGE-
326 RED. S2 FOLIATIVE SURFACES AND FRACTURES. DARKER AT UPPER AND
327 LOWER MARGINS. MODERATELY BROKEN TO INTACT. TOI-183/
328 183 TO EOI MODERATELY TO STRONGLY BROKEN WITH RUBBLE ZONES.
329 RECOVERY OK.
330 999
331 187.2 191.1 49 5A1
332
333 T DARK GREY TO BLACK, PS2 FOLIATED, SILICEOUS PHYLLITE. HARD,
334 STRONG "DOLOMITE FLASH", QUARTZ-DOLOMITE-^{cc} calcite CRACKLE ~~OKA~~.
335 NONCALCAREOUS. MODERATELY BROKEN TO INTACT.
336 999

EOH