

003807

1 0.0 50.0 1 #

1.1 OVERBURDEN

1.2 999

2 50.0 151.0 2 5B0

3 MEDIUM GREY WITH SLIGHT GREENISH TINGE, MEDIUM WELL LITHONED,

4 MODERATELY SOFT, CALCAREOUS PHYLLITE. S2 FOLIA DARK MEDIUM STEELY

5 GREY. NORMAL CLASSIC 5B0. CONTAINS PYRRHOTITE PORPHS - SUBHEDRAL

6 TO IRREGULAR.

7 TOI-122 MODERATELY BROKEN TO LOCALLY POKER CHIPPY

8 122-125 VERY BROKEN TO POKER CHIPPY, MINOR INDETERMINATE INCIPIENT]

9 GOUGE

10 125-141 MODERATELY BROKEN TO LOCALLY POKER CHIPPY

11 141-EOI MODERATELY BROKEN TO RUBBLY, INDETERMINATE GOUGE AT EOI

12 POSSIBLY RELATED TO FAULTS AT 35-40 DEGREES /000. RECOVERY IS 2'

13 NO SIGNIFICANT FAULTS, RECOVERY OK.

14 999

15 151.0 156.5 3

15.1 5B80 ->(5F3) 50:50

16 MODERATELY SOFT, LIGHT TO MEDIUM GREEN TO GREYISH GREEN,

17 MODERATELY LITHONED, CALCAREOUS, CHLORITE-MUSCOVITE PHYLLITE.

18 TOP 1/2 LIKE 5B8, LAST 1/2 LIKE 5F3. ALTERATION ADJACENT TO

19 METABASITE. CORE VERY BROKEN, MINOR INDETERMINATE GOUGE.

20 RECOVERY 3'.

21 999

22 156.5 202.5 4 5C03

23 HOMOGENEOUS, MEDIUM GRAINED, WEAKLY FOLIATED METABASITE. GOOD

24 REFLECT IGNEOUS TEXTURE. STRONGLY CALCAREOUS NEAR MARGINS WITH

25 LOCAL LESS CALCAREOUS ZONES INTERNALLY. CALCAREOUS IN WIDE AREAS

26 AFTER PLAG. CONTAINS MINOR DISSEMINATED PINKISH BEIGE PORPHS THAT

27 DON'T FIZZ IN 10% - UNKNOWN MINERAL - PROBABLY DOLOMITE FIZZES

28 IN 20% - CLEANS UP IN CROSS SECTION RECTANGULAR TO RHOMB

29 SHAPED. NORMAL METABASITE.

30 TOI-194 INTACT

31 194-197 VERY BROKEN TO INCIPIENT GOUGED

32 197-202 MODERATELY BROKEN

33 202-EOI INDETERMINATE RUBBLE - POSSIBLE SMALL FAULT AS NO ALTERATION

34 ZONE ON DOWNHOLE SIDE METABASITE. 45-50 DEGREES TO CORE

35 AXIS.

36 999

37 202.5 399.0 5 5B0

38 MODERATELY SOFT (LOCALLY MODERATELY HARD), GENERALLY WELL

39 LITHONED WITH LOCAL SECTIONS PERVASIVE S2, MEDIUM GEY WITH GREENISH

40 TINGE, CALCAREOUS PHYLLITE. GREENISH TINGE IS APPARENT ON WET,

41 CUT SURFACE. THINLY LAMINATED IN LIGHT GREENISH WHITE, LIGHT

42 GREENISH GREY AND MEDIUM GREY COLOURS REFLECTING CALCITE - QUARTZ

43 (COARSE) TO FINE SOFT PHYLLITE BANDS. MINIMAL GREEN MINERAL IN

44 COARSER BANDS - SOME FINE GREEN MINERAL (CHLORITE ?) IN MEDIUM

45 BANDS. ONLY 15% COARSE BANDS, 30% PHYLLITIC BANDS, REMAINDER

46 VARIABLY CALCAREOUS INTERMEDIATE COMPOSITION BANDS. PHYLLITIC BANDS

47 ARE NON-CALCAREOUS - GREENISH GREY COLOUR WHERE THEY FORM MICRO-

48 LITHONS. ALSO THIN S1 PARALLEL AND S2 CROSSCUTTING COARSER CALCITE

49 > QUARTZ VEINS - DIFFERENT BY BEING COARSER, IRREGULAR THICKNESS.

50 RESEMBLE CALCITE-QUARTZ BANDS IN 5D. PYRRHOTITE > PYRITE (3:1)

51 PORPHS - SUBHEDRAL ELONGATE IN S2. INTERVAL 352-285 IS RICHER

52 IN LIGHT CARBONATE BEARING BANDS, LOCALLY VERY STRONGLY CALCAREOUS,

53 MISSING CORE 356-356, 367-370 FOR CONODENT SAMPLES. MODERATLY

54 BROKEN, NO SIGNIFICANT FAULTS. RECOVERY GENERALLY OK. 5D BAND

55 1" AT 274', 2" AT 313', 1" AT 398'. SIMILAR TO NEXT UNIT.

56 999
57 399.0 400.0 6 5D0
58 MODERATELY SOFT, PS2 FOLIATED, LIGHT OLIVE TO YELLOWISH GREEN
59 TO GREENISH BEIGE, CHLORITE-MUSCOVITE PHYLLITE. FINELY GRANULAR
60 TEXTURE WITH OVOID CARBONATE POSSIBLE AFTER AMYGDULES. LOCAL
61 CHLORITE SPOTTING. CENTRE IS COARSE CALCITE-QUARTZ VEIN OF DOLOMITE.
62 S2 FOLIA YELLOWISH GREEN TO MEDIUM GREENISH BEIGE. INTACT.
63 999
64 400.0 406.5 7 5B0
65 MEDIUM GREY, WELL LITHONED, CALCAREOUS PHYLLITE AS ABOVE.
66 INTACT.
67 999
68 406.5 408.0 8 5D0
69 AS ABOVE. INTCT. FINER GRAINED AT UPPER CONTACT MARGIN.
70 999
71 408.0 681.5 9 5B0
71.1 83 (5D0) MINOR
72 MEDIUM GREY, WELL LITHONED TO MODERATELY LITHONED, CALCAREOUS
73 PHYLLITE. LOCAL SECTIONS MORE CALCAREOUS THAN NORMAL. CONODONT
74 SAMPLES 485.5-488.0, 535.5-540.5, 546-551, 561-564. PYRRHOTITE
75 PORPHS. SIMILAR TO ABOVE 5B0 UNITS. SOME MIXED PYRITE-PYRRHOTITE
76 PORPHS - VERY MINOR. NO PURE PYRITE PORPHS. NOT MANY PORPHS
77 BELOW 550'.
78 TOI-463 MODERATELY BROKEN TO INTACT
79 463-466 POKER CHIPPY
80 466-501 MODERATELY BROKEN
81 501-519 STRONGLY BROKEN TO POKER CHIPPY, LOCAL RUBBLE, INDETERMINATE
82 GOUGE, 75% RECOVERY. NO SIGNIFICANT FAULTS.
83 519-EOI MODERATELY BROKEN TO INTACT
84 NO SIGNIFICANT FAULTS IN UNIT. MINOR 5D0 INTERBANDED 1" AT 493',
85 3-1" OR LESS AT 637', 2 BANDS 1" 666'. COULD BE TUFFS, VERY THIN,
86 SHARPLY BOUNDED PARALLEL TO S2. NO ALTERATION BESIDE THEM, NO
87 COLOUR GRADATIONS WITHIN OR BETWEEN 5D AND 5B.
88 999
89 681.5 708.5 10 5B0
89.1 (5D0) 90:10
90 MEDIUM GREY, CALCAREOUS, MODERATELY LITHONED TO PS2 FOLIATED
91 PHYLLITE INTERBANDED WITH MEDIUM YELLOWISH OLIVE GREEN, CALCAREOUS,
92 CHLORITE-MUSCOVITE PHYLLITE. 5D HAS CALCITE IN MATRIX AND
93 CALCITE IN 5D CALCITE-QUARTZ BANDS. LOCALLY NO CALCITE IN 5D
94 MATRIX. 5D AS THIN BANDS PARALLEL 2 - FROM 1/2" TO 6" THICK.
95 SHARP S2 PARALLEL CONTACTS, MINOR ALTERATION ALONG FOOTWALL OF
96 HIGHEST BAND - IN GENERAL LITTLE IF ANY ALTERATION ADJACENT TO
97 THEM. MODERATELY BROKEN TO INTACT. NO SIGNIFICANT FAULTS.
98 ONE PYRRHOTITE PORPH NOTED.
98.1 999
99 708.5 737.5 11 5B0
100
101 MEDIUM GREY, MODERATELY LITHONED CALCAREOUS PHYLLITE. GREENISH
102 GREY ON WET CUT SURFACE. NORMAL 5B0 AS UP DDH. COARSER WHITE
103 BANDS HAVE NO SIGNIFICANT GREEN MINERAL IN THEM. ONE
104 PYRRHOTITE PORPH NOTED. INTACT.
105 999
106 737.5 743.0 12 5B0
107 (5D0) 50:50
108 5D HAS LIGHT TAN/BEIGE CALCITE PORPHS - 2 MM ACROSS - OTHERWISE
109 USUAL YELLOWISH GREEN. STILL NO CLEARCUT EVIDENCE OF ORIGIN.
110 VERY MINOR IF ANY ALTERATION ON MARGINS. ABOUT 10% IRREGULAR,
111 CRUDELY S2 FOLIAFORM QUARTZ VEINS. INTACT.
112 999

113 743.0 790.0 13 580
 114 CALC-SILICATY 2 MINOR
 115 MEDIUM GREY, MODERATELY LITHONED (TO GREENISH GREY), CALCAREOUS
 116 PHYLLITE. DARK MEDIUM STEELY GREY S2 SURFACE. CHARACTERISED
 117 BY DEVELOPMENT OF MEDIUM GREEN TO YELLOWISH GREEN MINERAL IN
 118 COARSER CALCAREOUS BANDS. UPHOLE BANDS WERE WHITE. NOW
 119 OBVIOUSLY GREENISH. PART OF COLOUR CHANGE IN BANDS DUE TO TAN-
 120 WEATHERING CALCITE WHICH CLEANS TO WHITE WITH 20% HCL. GREEN
 121 MINERAL LOOKS MICACEOUS. PYRRHOTITE PORPHS. INTACT. LAST
 122 1' RICH IN TAN-WEATHERING CALCITE WITH POSSIBLY SOME DOLOMITE
 123 2 FOR DARKER GREY IN LAST PART OF UNIT.
 124 999
 125 790.0 793.0 14 586\$
 126
 127 NONCALCAREOUS, MEDIUM TO DARK MEDIUM GREY, THINLY LAMINATED
 128 TO THINLY BANDED IN SHADES OF LIGHT GREY AND DARK MEDIUM GREY, PS2
 129 FOLIATED (LOCALLY LITHONED), MODERATELY SOFT TO MODERATELY
 130 HARD PHYLLITE. CONTAINS TAN-WEATHERING MINERAL FIZZES VERY
 131 WEAKLY IN 20% AND CLEANS TO WHITE - POSSIBLY FERROAN DOLOMITE
 132 OR ANKERITE. GRADATIONAL UPPER AND LOWER CONTACTS. LOWER CONTACT
 133 INTENSITY OF POST D2 DEFORMATION. MODERATELY BROKEN, NO
 134 SIGNIFICANT FAULTS. VERY SLIGHT CRACKLE BRECCIA.
 135 999
 136 793.0 801.0 15 5862
 137 BRECCIA
 138 MEDIUM TO DARK MEDIUM GREY, NONCALCAREOUS PHYLLITE. SIMILAR TO
 139 BOUNDING LITHOLOGIES BUT INTENSELY SHEARED. SHEARED SUBPARALLEL
 140 S2 AND ALONG PLANE AT 45 DEGREES CORE AXIS. PHYLLITES BENEATH
 141 ZONE HAVE STEEPER S2 (35-40 DEGREES CORE AXIS). IMPLIES FAULT
 142 STEEPER THAN S2. CORE STRONGLY BROKEN, LOCALLY RUBBLY.
 143 FIRST SIGNIFICANT FAULT IN DDH.
 144 999
 145 801.0 802.0 16 5G4*
 146
 147 LIGHT GREENISH BEIGE, SLIGHTLY DOLOMITIC, MUSCOVITE PHYLLITE.
 148 SPECKS OF FUCHSITE. WEATHERS TAN. STRONGLY BROKEN.
 149 999
 150 802.0 810.5 17 5B6
 151 &2 MINOR
 152 DARK MEDIUM GREY, NONCALCAREOUS, GENERALLY PS2 FOLIATED TO
 153 POORLY LITHONED, MODERATELY SOFT TO MODERATELY HARD PHYLLITE.
 154 MODERATELY BROKEN TO INTACT.
 155 999
 156 810.5 824.0 18 5B0
 157 &\$
 158 MODERATELY SOFT TO MODERATELY HARD, GENERALLY PS2 FOLIATED,
 159 WEAKLY CALCAREOUS PHYLLITE. MAY CONTAIN BOTH CALCITE AND ANOTHER
 160 TAN WEATHERING CARBONATE. CALCAREOUS SECTIONS DO WEATHER TAN.
 161 UNIT MODERATELY BROKEN, RECOVERY OK.
 162 999
 163 824.0 838.0 19 5B6\$
 164 &2 MINOR
 165 MEDIUM TO DARK MEDIUM GREY, GENERALLY PS2 FOLIATED, NONCALCAREOUS,
 166 DOLOMITIC-TAN WEATHERING CARBONATE CLEANS IN 20% TO FLESHY GREY.
 167 LOOKS LIKE DOLOMITE FLOODING SEEN AT GRUM. MODERATELY TO
 168 STRONGLY BROKEN, LOCAL RUBBLE, RECOVERY OK. SOME SUBSIDIARY
 169 FAULTS TO LARGE FAULT LOGGED JUST UP THE DDH.

170 999
171 838.0 858.0 20 5B0\$
172

173 MEDIUM GREY, MODERATELY SOFT TO MODERATELY HARD, WITH LOCAL DARK
174 MEDIUM GREY, CALCAREOUS PHYLLITE. TAN-WEATHERING CARBONATE
175 PRESENT IN BOTH CALCAREOUS AND NON CALCAREOUS BEARING BANDS.
176 PYRRHOTITE PORPHS, BLACK CHORT NODULE. POORLY TO MODERATELY
177 LITHONED. NO OBVIOUS GREEN MINERAL IN LIGHTER BANDS - IT IS
178 THERE BUT NOT OBVIOUS - NO COARSE BANDS. CUT BY MINOR CALCITE
179 CRACKLE BRECCIA VEINLETS.

180 999
181 858.0 893.0 21 5B0

182 CALC-SILICATY & 2 MINOR
183 MEDIUM GREY, CALCAREOUS, MODERATELY LITHONED PHYLLITE. GREEN
184 MINERAL IN COARSER BANDS WHICH ARE NOT WELL DEVELOPED. LOTS
185 OF GREEN MINERAL ON INTERMEDIATE BANDS - NOT OBVIOUSLY VISIBLE.
186 INTACT. CUT BY MINOR CALCITE CRACKLE VEINLETS. NORMAL S2 -
187 AS HAVE THE LAST 5 UNITS UP TO THE FAULT. MINOR PYRRHOTITE AS
188 IRREGULAR MASSES. PYRRHOTITE DISSEMINATES IN CALCAREOUS BANDS
189 IN MINOR AMOUNTS LOCALLY.

190 999
191 893.0 895.0 22 5F3

192
193 MODERATELY HARD TO MODERATELY SOFT, CALCAREOUS, PS2 FOLIATED?,
194 WEAKLY BANDED, WEAKLY OLIVE GREEN AND WHITE, CHLORITE-MUSCOVITE
195 PHYLLITE. GRADATIONAL UPPER CONTACT THROUGH GREYS INTO OVER-
196 LAYING UNIT. MODERATELY BROKEN.

197 999
198 895.0 900.5 23 5C3

199 & 7 (5C3 & 7) 50:50
200 MODERATELY FOLIATED, MEDIUM TO DARK GREEN, CALCAREOUS TO
201 DOLOMITIC METABASITE. UPPER 1/2 PROMINANTLY SPECKLED WITH
202 WHITE DOLOMITE PORPHS. LOWER PORTION FINER GRAINED, MORE
203 FOLIATED, STRONGLY CALCAREOUS. JUST DEVELOPING LEOPARD ROCK
204 CHLORITE LAMINATIONS LOCALLY. INTACT.

205 999
206 900.5 905.0 24 5B38

207 BIOTITE (5F3->5B80) 75:25
208 DOMINANTLY VERY STRONGLY CALCAREOUS, THINLY LAMINATED, BROWNISH-
209 GREENISH GREY TO BROWN GREEN, CHLORITE-BIOTITE-MUSCOVITE-CALCITE-
210 QUARTZ PHYLLITE - S2 FOLIA BROWNISH BEIGE TO GREENISH GREY BROWN
211 UPPER 17 IS IRREGULARLY BANDED GREEN AND WHITE SIMILAR TO 5F3 -
212 BANDING NOT AS WELL DEVELOPED AS USUAL. INTACT. ALTERATION
213 RELATED TO ABOVE METABASITE. TOP OF THIS UNIT IDENTICAL TO UNIT
214 ABOVE METABASITE.

215 999
216 905.0 911.0 25 5B0

217 CALC-SILICATY
218 STRONGLY CALCAREOUS TO MODERATELY CALCAREOUS, MEDIUM GREY, WELL
219 LITHONED PHYLLITE WITH WELL DEVELOPED GREEN MINERAL IN LITHONS.
220 POSSIBLY ALSO SOME BIOTITE. PYRRHOTITE IN BANDS AND STRINGERS
221 TO EASILY CONFUSE WITH BIOTITE. INTACT. 20% OF CORE GONE -
222 PROBABLY SAMPLED?

223 999
224 911.0 931.0 26 5D0

225 -> (5C3)
226 MEDIUM GREEN, FINE GRAINED, STRONGLY CALCAREOUS TO MODERATELY

227 CALCAREOUS, STRONGLY FOLIATED, LOCALLY LITHONED, CHLORITE
228 PHYLLITE. LOCALLY APPROACHES MOTTLED TEXTURE OF 5C BUT MAINLY
229 HAVING TEXTURE OF 5D - ONLY VARIATION IS GRAIN SIZE TOWARDS
230 COARSER 5C. NUMEROUS D2 FOLD HINGES - LARGE ONE CLOSE TO MIDDLE
231 LOWER CUT SHARP AGAINST MISSING CORE.
232 999

233 931.0 935.0 27 #
234 MISSING CORE - PRESUMABLY METABASITE - POSSIBLY WHALE ROCK SAMPLE
235 999

236 935.0 974.0 28 5C3\$
237 &7 -> (5D0)(5B80) 7G:28:02
238 STRONGLY CALCAREOUS, WELL FOLIATED (PS2 TO CS2), MEDIUM GREEN TO
239 YELLOWISH GREEN METABASITE. ABOVE 963 LARGELY MEDIUM GREEN,
240 FINELY SPECKLED WITH TAN-(1MM ACROSS) DOLOMITE PORPHS AND WHITE
241 CALCAREOUS LENSES IN FINE MOTTLED CHLORITIC MATRIX. S2 FOLIA
242 MOTTLED MEDIUM AND DARK GREEN. BELOW 863 ROCK YELLOWISH GREEN -
243 LARGELY 5D - CONTAINS 1" OR SO 963-964 MAY BE ALTERED PHYLLITE
244 5B80. LOWER CONTACT VERY OBSCURE. INTACT.
245 999

246 974.0 977.0 29 5B80

247
248 LIGHT TO MEDIUM YELLOWISH TO OLIVE GREEN, THINLY LAMINATED,
249 CALCAREOUS, MODERATELY SOFT TO MODERATELY HARD, CHLORITE-
250 MUSCOVITE PHYLLITE. PROBABLY ALTERED ADJACENT TO OVERLYING
251 METABASITE. MAY BE IN PART SOME VARIANT OF 5D. INTACT.
252 999

253 977.0 1007.0 30 5B0
254 CALC-SILICATY BIOTITE MINOR? 2 MINOR
255 MODERATELY SOFT TO MODERATELY HARD, DARK MEDIUM GREENISH GREY,
256 PS2 FOLIATED TO POORLY LITHONED, CALCAREOUS PHYLLITE. GREEN
257 MINERAL IN LITHONS. BIOTITE POSSIBLY DEVELOPED AS WELL. ONLY
258 MODERATELY BROKEN GENERALLY. LOCALLY RECTANGULAR RUBBLE -
259 FALLING APART ON INSIGNIFICANT FRACTURES CUTTING S2. S2
260 SURFACES DARK TO MEDIUM DARK STEELY GREY. NO SIGNIFICANT
261 FAULTS. MINOR VEIN WITH SPHALERITE.
262 999

263 1007.0 1040.2 31 5B32

264 (5E0) 95:05
265 STRONGLY CALCAREOUS, DARK MEDIUM GREY, MODERATELY HARD TO
266 MODERATELY SOFT, THINLY LITHONED PHYLLITE. UNIT RICH IN BLACK
267 FINE GRAINED CHERT NODULES. CONTAINS UNUSUAL ABUNDANCE OF PYRITE
268 AND PYRRHOTITE PORPHS. 2 1/2' FROM TO IS 1"-2" BAND OF MASSIVE
269 PYRITE WHICH INTRUDES ADJOINING PHYLLITE ALONG POST D2 FRACTURES -
270 DUCTILE FLOW/BOUNDINAGE. MINOR INTERBANDED 5D AS VERY THIN "TUFF"
271 BANDS PARALLEL S2. SLIGHTLY MORE CARBONACEOUS THAN NORMAL.
272 CHARACTERISED BY PRESENCE OF THIN MEDIUM BLUE-GREY, FINELY
273 CRYSTALLINE CALCITE MARBLE BANDS. GREEN MINERAL DEVELOPED IN
274 LITHONS.
275 999

276 1040.2 1084.0 32 5A16

277 9 &3 [5A319]
278 HARD TO MODERATELY HARD, DARK GREY, NONCALCAREOUS, CARBON-
279 ACEOUS, SILICEOUS PHYLLITE, INTERBANDED WITH SHORT SECTIONS OF
280 STRONGLY CALCAREOUS, MEDIUM GREY, COMMONLY LITHONED PHYLLITE.
281 CALCAREOUS SECTIONS HAVE SOME RESEMBLENCE TO CALCAREOUS BANDS
282 IN 5B. COMMONLY CONTAIN DISSEMINATED PYRITE - LOCALLY SPHALERITE
283 AND PYRRHOTITE. ALSO PRESENT AR QUARTZ SULPHIDE BANDS RESEMBLING

284 4A QUARTZ-SULPHIDE BANDS WITH PYRITE-PYRRHOTITE-SPHALERITE.
285 PYRRHOTITE MORE ABUNDANT IN LAST 10', PYRITE MORE ABUNDANT
286 IN UPPER PORTION. TOP QUITE HARD, GETS SOFTER AFTER THE FIRST
287 10'. TOTAL SULPHIDES, 2%. INTERVAL 1066-1076 - MISSING CORE,
288 SAMPLED FOR S ISOTOPE PYRITE IN/PYRITE OUT SAMPLE. OTHERWISE
289 CORE MODERATELY BROKEN TO INTACT - NO SIGNIFICANT FAULTS.
290 BLUE GREY WEATHERING CASTE. POWDER DARK GREY.
291 99
292 1084.0 1092.0 33 5A3

293 [5B62 & 3]
294 MODERATELY SOFT TO MODERATELY HARD, VARIABLY CALCAREOUS,
295 DARK GREY PHYLLITE. GENERALLY PS2 FOLIATED TO POORLY LITHONED.
296 CALCITE PRESENT IN LIGHTER COLOURED, LOCALLY LITHON-FORMING
297 BANDS. CALCITE LOCALLY TAN-WEATHERING. 30% OF ROCK IS CAL-
298 CAREOUS. GREEN MINERAL ASSOCIATED WITH CALCAREOUS BANDS. S2
299 FOLIA ARE DARK GREY. UNIT BORDERLING BETWEEN 5A AND 5B62 - NOT
300 REALLY BLACK ENOUGH FOR 5A. CORE INTACT TO MODERATELY BROKEN.
301 NO QUARTZ-SULPHIDE BANDING. POWDER LIGHT GREY.
302 999
303 1092.0 1141.0 34 5A6

304 [5B62]
305 DARK GREY, PS2 FOLIATED TO POORLY LITHOED, NONCALCAREOUS,
306 MODERATELY SOFT TO MODERATELY HARD, HOMOGENOUS PHYLLITE.
307 SIMILAR TO PREVIOUS UNIT BUT NO CALCITE INTERBANDS. CONTAINS
308 FLAT LENSES PYRITE > PYRRHOTITE THAT APPEAR TO BE AFTER
309 PYRITE PORPHS - APPROXIMATELY LIE IN S2. NO QUARTZ-SULPHIDE
310 BANDING.
311 T01-1131.5 MODERATELY BROKEN TO INTACT
312 1131.5-E01 VERY BROKEN, RUBBLY, MINOR GOUGE RELATED TO FAULT
313 AT 20/000 AT TOP OF THIS INTERVAL.
314 RECOVERY 80%. AGAIN A BIT ON THE LIGHT SIDE FOR 5A. DARK GREY
315 S2 FOLIA. POWER IS MEDIUM GREY TO LIGHT GREY. POWDER DARK
316 GREY AT THE TOP.
317 999
318 1141.0 1157.0 35 5A69

319 MINOR & 3& 8
320 DARK GREY, LOCALLY BLACK, GENERALLY NONCALCAREOUS PHYLLITE.
321 THIN INTERBANDS OF CALCAREOUS AND DOLOMITIC PHYLLITE. CALCAREOUS
322 AND DOLOMITIC TAN-WEATHERING. BANDS CONTAIN DISSEMINATED,
323 EUHEDRAL, MM SIZED PYRITE. REST OF UNIT DARK GREY TO BLACK,
324 MODERATELY HARD TO MODERATELY SOFT, NONCALCAREOUS, PS2 FOLIATED
325 CARBONACEOUS PHYLLITE WITH MINOR QUARTZ-SULPHIDE BANDS. SIMILAR
326 TO UNIT #32. TOTAL SULPHIDES 1-3%, LARGELY PYRITE WITH SOME
327 PYRRHOTITE. VERY BROKEN WITH MUCH RUBBLE. RECOVERY OK.
328 999
329 1157.0 1162.5 36 5C4\$

330 TAN-WEATHERING, NONCALCAREOUS, SLIGHTLY DOLOMITIC, QUARTZ-
331 MUSCOVITE-DOLOMITE PHYLLITE. MINOR FUCHSITE. LOCAL RELICT
332 LEOPARD ROCK TEXTURE. CLEANS TO PINKISH FLESH GREY. STRONGLY
333 BROKEN.
334 999

335 1162.5 1165.0 37 5B62
336 \$ 80

337 MODERATELY SOFT TO MODERATELY HARD, MODERATELY CALCAREOUS,
338 DARK GREY, PS2 FOLIATED TO WEAKLY LITHONED PHYLLITE. S2 FOLIA
339 DARK GREY TO STEELY GREY. UNIT APPEARS SIMILAR TO UNIT ABOVE
340 METABASITE BUT NEGLIGIBLE QUARTZ-SULPHIDE BANDING. INTACT.

341 999
 342 1165.0 1174.9 38 #
 343 MISSING CORE
 344 999
 345 1174.9 1214.5 39 5A61
 346 9 & 3 VERY MINOR
 347 DARK GREY TO BLACK, PS2 FOLIATED, HARD, CARBONACEOUS, SILICEOUS
 348 PHYLLITE. GENERALLY NONCALCAREOUS, 6" BAND IN CENTRE WITH FEW
 349 CALCAREOUS SEAMS FORMING LITHONS. IRREGULAR QUARTZ-PYRRHOTITE
 350 & PYRITE AND QUARTZ-PYRITE BANDS CRUDELY SIMILAR TO QUARTZ-
 351 SULPHIDE BANDS IN 4A. DOMINANTLY PYRRHOTITE IN BANDS, LESSER
 352 PYRITE, RARE SPHALERITE. TOTAL SULPHIDES 2-3%, VERY MINOR

 353 CHALCOPYRITE IN CROSSCUTTING FRACTURES. ROCK OVERALL HOMOGENOUS.
 354 ON CLEAN DRY SURFACE HAS DISTINCT (BUT SUBTLE) BLUE-GREY CASTE.
 355 CORE INTACT TO MODERATELY BROKEN - DUE TO MINOR STEEP FRACTURES
 356 15 DEGREES/1 880 DEGREES CORE AXIS.
 357 "DOLO FLASH"
 358 999
 359 1214.5 1235.0 40 5C3
 360 87 & 8 MINOR -> (5C\$7 & 4)
 361 MODERATELY HARD TO MODERATELY SOFT, CALCAREOUS, MOTTLED
 362 WHITE AND DARK GREEN METABASITE. CONTAINS CALCITE AS PORPHS
 363 AND LENSES PARALLEL S1 AFTER FELDSPARS. DOLOMITE AS MINOR
 364 TAN-WEATHERING CHOMBS. MEDIUM GREEN WITH SLIGHT BLUISH GREEN
 365 CASTE. LOCALLY LEOPARD ROCK TEXTURE. SOMEWHAT BLEACHED AND
 366 DOLOMITIC AT LOWER CONTACT WITH MINOR FUCHSITE DEVELOPED. LAST
 367 3' DOLOMITIC AND NONCALCAREOUS. DOLOMITE FIRST COMES AS CHOMBS -
 368 AND THEN IN ENTIRE ROCK. INTACT. 4 IS FOR LAST 6". PROGRESSIVE
 369 ALTERATION AT MARGINS. LOWER CONTACT SHARP, FINE GRAINED EDGE
 370 TO METABASITE - BUT NO BLEACHING.
 371 999
 372 1235.0 1367.0 41 5A16
 373 9 -> (5A169 MINOR)
 374 HARD TO MODERATELY HARD, DARK GREY TO BLACK, PS2 FOLIATED TO
 375 LOCALLY FINELY LITHONED, NONCALCAREOUS PHYLLITE. STRONG DOLOMITE
 376 FLASH AT TOP - BASICALLY GONE BY 1290'. BEAUTIFUL QUARTZ-PYRITE
 377 (LOCALLY PYRRHOTITE, MINOR CHALCOPYRITE) BANDING. PYRRHOTITE
 378 MOST ABUNDANT IN UPPER 5'. TOTAL SULPHIDES 1-3%. FOR LAST 6"
 379 LOOKS LIKE 4A. WEATHERS WITH BLUE GREY CASTE. TRACES OF
 380 SPHALERITE. LOCALLY HAS FLATTENED BLACK CHERT NODULES. QUARTZ-
 381 SULPHIDE BANDING BEST DEVELOPED ABOVE 1290' - WEAK BELOW THAT.
 382 IN LOWER PART PYRITE >> PYRRHOTITE. TOTAL SULPHIDES 1-2%.
 383 LOCALLY THE BANDS APPROACH BEADED TEXTURE.
 384 TOI-1358.5 MODERATELY BROKEN TO INTACT
 385 1358.5-EOI GOUGE AND RUBBLE 1 1/2' RECOVERY
 386 CONTACT BREAK AT THE FAULT.
 387 999
 388 1367.0 1456.5 42 5A69
 389 MINOR & 3 VERY MINOR
 390 MODERATELY HARD TO VERY LOCALLY MODERATELY SOFT, DARK GREY
 391 TO BLACK, PS2 FOLIATED, LARGELY NONCALCAREOUS, CARBONACEOUS
 392 PHYLLITE. CONTAINS VERY MINOR THIN CALCAREOUS BEARING BANDS
 393 PARALLEL S2. STRONG "DOLOMITE FLASH". MINOR QUARTZ-SULPHID
 394 BANDING. SULPHIDES PYRITE AND PYRRHOTITE. TOTAL SULPHIDES 1-2%.
 395 LOWER 1/2 OF UNIT DOMINANTLY PYRRHOTITE, UPPER 1/2 PYRRHOTITE AND
 396 PYRITE. QUARTZ-SULPHIDE BANDS THICKEN IN UPPER 1/2. OVERALL
 397 ABUNDANCE OF BANDS SIMILAR FOR ENTIRE UNIT. LOCALLY BEADED

398 TEXTURE DEVELOPED WITH QUARTZ-SULPHIDE BANDS. MINOR SPHALERITE.
399 IN SPITE OF NOT BEING SUPER SILICEOUS, IT HAS BLUE GREY WEATHERING.
400 PYRITE AND PYRRHOTITE ALSO DISSEMINATED IN UNIT - ESPECIALLY THIN
401 FLECKS ALONG S2 CROSS CUTTING FRACTURES.
402 TOI -1405 INTACT
403 1405-1408 RUBBLY, GOUGED, SOME FAULT BRECCIA MINOR FAULT?
404 1408-1430 STRONGLY BROKEN, POKER CHIPPY, NO SIGNIFICANT FAULTS
405 1430-1450 MODERATELY BROKEN TO INTACT
406 1450- EOI STRONGLY BROKEN, MINOR INDETERMINATE GOUGE, LOCALLY
407 POKER CHIPPY, RECOVERY OK FOR ENTIRE UNIT.
408 999
409 1456.5 1519.0 43 5A61
410 9 MINOR
411 HARD TO MODERATELY HARD IN LAST 15', DARK GREY TO BLACK, PS2
412 FOLIATED TO LOCALLY LITHONED, CARBONACEOUS, SILICEOUS PHYLLITE.

413 GENERALLY NONCALCAREOUS, STRONG TO MODERATE "DOLOMITE" FLAST.
414 LOCALLY DEVELOPED QUARTZ-SULPHIDE BANDING (4A TYPE) - DOMINANTLY
415 PYRRHOTITE - LOCAL PYRITE. PYRRHOTITE 1/2 IN BANDS AND 1/2 AS
416 FINE DISSEMINATED FLECKS ALONG S2 AND IRREGULAR MASSES FOLLOWING
417 OR CROSSCUTTING S2. TOTAL SULPHIDES 1-3%. LOCALLY QUARTZ-SULPHIDE
418 BANDS NECKING, PINCHING, BOUNDINAGING TRANSITIONAL TO BEADING.
419 PYRRHOTITE MOBILIZED INTO CROSSCUTTING FRACTURES WHEN CROSS
420 QUARTZ-SULPHIDE BANDS. MINOR THIN 5D4* BANDS 4" AT 1478.
421 WEATHERS WITH BLUISH GREY CASTE.
422 TOI -1463 STRONGLY BROKEN, LOCAL RUBBLE
423 1463- EOI MODERATELY BROKEN TO INTACT.
424 999
425 1519.0 1525.0 44 5A
426 GOUGE
427 DARK GREY TO BLACK RUBBLE AND GOUGE. LOCALLY CALCAREOUS. MINOR
428 FAULT BRECCIA. EOI SUGGESTS FAULT 40 DEGREES CORE AXIS.
429 RECOVEY OK.
430 999
431 1525.0 1561.0 45 5A6
432 DARK GREY TO BLACK, PS2 FOLIATED, HOMOGENOUS, NONCALCAREOUS,
433 MODERATELY HARD, CARBONACEOUS PHYLLITE. MINOR 5D46 INTERBAND
434 NEAR 1528' AND 1529'. MINOR THIN QUARTZ-PYRRHOTITE BANDING -
435 LESS THAN PREVIOUS UNITS. GENERALLY INTACT. STEEP FAULT AT
436 1545'/SUBSIDIARY TO GOUGE ZONE UPHOLE. QUARTZ & PYRITE & CRACKLE
437 VEINLETS IN THIS UNIT (FAIR AMOUNT). WEATHERS BLUE GREY.
438 999
439 1561.0 1689.0 46 5A16
440 83 VERY MINOR
441 MODERATELY HARD TO HARD, DARK GREY TO BLACK, NONCALCAREOUS
442 (GENERALLY), HOMOGENOUS, PS2 FOLIATED, CARBONACEOUS, SILICEOUS
443 PHYLLITE. VERY MINOR QUARTZ-PYRRHOTITE BANDING PARALLEL S2.
444 1-4MM THICK. TOTAL SULPHIDES 1-2% ALMOST ENTIRELY PYRRHOTITE
445 (VERY MINOR LOCAL PYRITE). LOCAL CALCAREOUS BANDS LESS THAN 1%
446 OF UNIT. MINOR 5D6 BANDS 1/2" AT 1639', 1/2" AT 1587', BLUE
447 GREY WEATHERING. INTACT. MINOR INDETERMINATE GOUGE AND RUBBLE
448 AT 1637'. REDUCED TO BQ AT 1592'.
449 999
450 1689.0 1729.0 47 5A16
451 83 MINOR
452 MODERATELY HARD, DARK GREY TO BLACK, PS2 FOLIATED, HOMOGENOUS,
453 CARBONACEOUS, SILICEOUS PHYLLITE. MINOR QUARTZ-SULPHIDE BANDING.
454 DOMINANT SULPHIDE PYRRHOTITE, MINOR PYRITE. BANDS PARALLEL S2.

455 GENERALLY PS2 FOLIATED, LOCALLY LITHONS 1/2" ACROSS. MINOR BLACK,
456 HARD, CHERT NODULES. TOTAL SULPHIDE 1-2% OCCURING DISSEMINATED
457 MINOR QUARTZOSE BANDS AND DISSEMINATED FLECKS ALONG S1 AND S2,
458 FRACTURES CROSSCUTTING S2. MINOR LIGHT GREY CALCITE BEARING BANDS
459 (1-2 CM THICK). INTACT. ONLY DIFFERENCE FROM LAST UNIT IS
460 CALCITE BANDS.
461 999
462 1729.0 1822.0 48 5A16
463 9 MINOR
464 MODERATELY HARD, DARK GREY TO BLACK, PS2 FOLIATED, HOMOGENOUS,
465 NONCALCAREOUS, SILICEOUS, CARBONACEOUS PHYLLITE. "DOLOMITE"
466 FLASH. BLUE GREY CUT SURFACE. POORLY DEVELOPED QUARTZ-SULPHIDE
467 BANDING. TOTAL SULPHIDES 2-3%, SUBEQUAL PYRITE AND PYRRHOTITE.
468 IN QUARTZ-SULPHIDES BANDS, CROSSCUTTING FRACTURES AND DISS-
469 EMINATED FLECKS PARALLEL S2. PYRITE AS LARGER IRREGULAR
470 SUBHEDRAL PORPHS. SIMILAR TO LAST UNIT - NO CALCITE.
471 TOI -1778 INTACT
472 1778-1782 RUBBLE, INDETERMINATE GOUGE, MINOR FAULT

473 1782-1791 MODERATELY BROKEN
474 1791-1792.5 RUBBLE
475 1792.5-EOI MODERATELY BROKEN TO INTACT
476 999
477 1822.0 1867.5 49 5A16
478 &3 VERY MINOR
479 MODERATELY HARD, LOCALLY HARD, GENERALLY NONCALCAREOUS, PS2
480 FOLIATED, DARK GREY TO BLACK PHYLLITE. MINOR QUARTZ-SULPHIDE
481 BANDING. CONTAINS A FEW THIN CALCAREOUS BANDS SCATTERED MOST
482 SUB CM - LARGEST A FEW CM. TOTAL SULPHIDES 1-2%. LARGELY
483 PYRRHOTITE SOME PYRITE, OCCURING IN SPARSE QUARTZ-SULPHIDE BANDS,
484 LARGELY AS DISSEMINATED AND FLECKS ALONG S2 AND CROSSCUTTING
485 FRACTURES. MINOR SD TUFFS 1-2 CM SCATTERED THROUGH UNIT - 2 BANDS
486 AT 1860. INTACT. "DOLOMITE FLASH". BLUE GREY WEATHERING.
487 999
488 1868.0 1869.0 50 5D0
489 (5A16) 50:50
490 5D AS 5 INTERBANDS 1 1/2-3 CM THICK. INTACT.
491 999
492 1869.0 1944.0 51 5A61
493
494 DARK GREY, NONCALCAREOUS, PS2 FOLIATED, HOMOGENOUS, MODERATELY
495 HARD, CARBONACEOUS PHYLLITE. MINOR THIN QUARTZ-PYRRHOTITE LAMINAE/
496 BANDS - MOSTLY MM THICK RANGE (FEW PYRITE RICH 1-1.5 CM) TOTAL
497 SULPHIDE 2%. FAIRLY SIMILAR TO ALL OF THE ABOVE DARK UNITS.
498 GOOD DOLOMITE FLAST. S2 FOLIA DARK GREY. INTACT. BLUE GREY
499 WEATHERING.
500 999
501 1944.0 1957.2 52 5A6
502 (5A3->5E2) 70:30
503 DARK GREY TO BLACK, LARGELY PS2 FOLIATED, GENERALLY NONCALCAREOUS,
504 PHYLLITE INTERBANDED WITH 30% VARIABLY CALCAREOUS, DARK COLOURED
505 PHYLLITE - RANGES FROM MODERATELY TO VERY STRONGLY CALCAREOUS.
506 LOCALLY APPROACH MARBLE. 1-2CM THICK GENERALLY. MODERATELY
507 HARD TO MODERATELY SOFT. LOCALLY HARD. WHERE CALCAREOUS TENDS
508 TO BE MODERATELY HARD. MINOR 5D0 - 5CM AT 1943. INTACT.
509 999
510 1957.2 1985.0 53 5B6
511 &0 VERY MINOR

512 MODERATELY SOFT, MEDIUM GREY TO GREENISH GREY, PS2 FOLIATED,
513 GENERALLY NONCALCAREOUS PHYLLITE. THINLY LAMINATED TO THINLY
514 BANDED IN SHADES OF GREY TO DARK GREY - REFLECTS IN PART VARIABLE
515 QUARTZ-GREEN MINERAL AND DARK PHYLLITIC BANDING. DISTINCTIVE
516 PORPHS OF LIGHT GREEN ACTINOLITE(?) ROSETTES (CHLORITOID?). HAS
517 THIN CALCAREOUS BANDS AS MINOR COMPONENT. IF SEEN OUT OF CONTEXT
518 WOULD HAVE SAID MT. MYE - HOWEVER BECAUSE OF LOCATION IT IS
519 PROBABLE VANGORDA. OVERALL APPEARANCE IS 3G0. INTACT. NO
520 QUARTZ-SULPHIDE BANDING. TRACE PYRRHOTITE.
521 999
522 1985.0 2028.0 54 5A6
523 (5A3) 80:20 [5A0]
524 MODERATELY SOFT TO MODERATELY HARD, MODERATELY CALCAREOUS IN
525 BANDS, GOOD "DOLOMITE" FLAST, DARK GREY, MODERATELY LITHONED
526 LOCALLY, GENERALLY PS2 FOLIATED, CALCAREOUS OCCURS IN LIGHTER,
527 FINELY LAMINATED, LITHON FORMING BANDS 1-FEW CM THICK CONTAINING
528 GREEN MINERAL. CALCAREOUS SECTIONS 20% OF UNIT. NO QUARTZ-
529 SULPHIDE BANDING. MINOR PYRRHOTITE (LESS 1%). MODERATELY
530 BROKEN, ESSENTIALLY INTACT, MINOR RUBBLE IN LAST 10'.
531 999
532 2028.0 2058.0 55 5A61

533
534 DARK GREY TO BLACK, VERY HARD, NONCALCAREOUS, PS2 FOLIATED,
535 HOMOGENOUS, CARBONACEOUS, SILICEOUS PHYLLITE. ONLY MINOR
536 QUARTZ-SULPHIDE BANDING PYRRHOTITE > PYRITE, MINOR SPHALERITE.
537 TOTAL SULPHIDES <1%.
538 TOI -2046 CORE INTACT
539 2046-2050 RUBBLE, INDETERMINATE GOUGE, MINOR FAULT?
540 2050- EOI INTACT
541 BLUE GREY WEATHERING. MINOR BLACK CHERT NODULES.
542 999
543 2058.0 2084.5 56 5A16
544 (5A6) 80:20
545 THICKLY INTERBANDED PHYLLITE AS LAST UNIT WITH MODERATELY SOFT,
546 NONCALCAREOUS, PS2 FOLIATED, DARK GREY TO BLACK, CARBONACEOUS
547 PHYLLITE. VERY WEAK QUARTZ-PYRRHOTITE BANDING AND CUT BY QUARTZ-
548 DOLOMITE & SPHALERITE-PYRRHOTITE CRACKLE VEINLETS. UPPER 2'
549 POKER CHIPPY TO RUBBLY.
550 TOI -2082 MODERATELY BROKEN TO LOCALLY INTACT
551 2082- EOI MODERATELY BROKEN, LOCAL INDETERMINATE GOUGE
552 999
553 2084.5 2087.0 57 5C\$4
554 & 3 MINOR
555 MODERATELY HARD, GREENISH TO ORANGEISH BEIGE, DOLOMITIC,
556 ALTERED METABASITE. SLIGHT REMNANT GREEN COLOUR. S2 FOLIA LIGHT
557 GREENISH BEIGE. MOTTLED TEXTURE DUE IN PART TO DOLOMITIC PORPHS.
558 INTACT.
559 999
560 2087.0 2100.5 58 5A16
561
562 DARK GREY, MODERATELY HARD, NONCALCAREOUS, PS2 FOLIATED, SILICEOUS
563 PHYLLITE. S2 FOLIA DARK GREY. MINOR THIN QUARTZ-SULPHIDE BANDING
564 PYRITE-SPHALERITE-PYRRHOTITE. INTACT.
565 999
566 2100.5 2101.5 59 5A46
567 [4L1]
568 MODERATELY HARD TO MODERATELY SOFT, NONCALCAREOUS, PS2 FOLIATED,

569 LIGHT GREENISH GREY, MUSCOVITE-QUARTZ-CHLORITE PHYLLITE. S2
570 LIGHT GREENISH GREY. LOOKS LIKE ALTERED PHYLLITE. SHARP CONTACT
571 WITH ADJOINING UNITS. SHOULD BE NEXT TO A METABASITE, BUT ISN'T.
572 999
573 2101.5 2106.0 60 5A16
574
575 SAME ASM UNIT #58. LOWER CONTACT IS MINOR FAULT.
576 999
577 2106.0 2113.5 61 5C\$7
578 &3
579 ORANGE-BROWN WEATHERING, MOTTLED, MEDIUM BROWNISH GREEN AND
580 BEIGE, CHLORITE-DOLOMITE & CALCITE, LOCALLY METABASITE. GOOD
581 LEOPARD ROCK TEXTURE ON A SMALL SCALE. MODERATELY SOFT. INTACT
582 LOCALLY CALCAREOUS IN BANDS. S2 FOLIA MEDIUM GREEN. DOLOMITE
583 FLESH COLOURED WHEN FRESH.
584 999
585
586 2113.5 2126.0 62 5B20
587 BIOTITE CALC-SILICATY
588 MODERATELY HARD TO MODERATELY SOFT, DARK MEDIUM GREY, CALCAREOUS,
589 PS2 FOLIATED, THICKLY LAMINATED TO THINLY BANDED PHYLLITE. SOFT
590 GREY PHYLLITIC BANDS AND GREENISH BROWN TO LIGHT GREY QUARTZ-
591 CHLORITE/ACTINOLITE-BIOTITE CALCAREOUS BANDS. LOCALLY
592 CALCAREOUS BANDS ARE VERY STRONGLY CALCAREOUS. CALCAREOUS BANDS

593 20% OF UNIT. INTACT. MINOR FAULT AT 2123' 55 DEGREE TO CORE
594 AXIS.
595 999
596 2126.0 2132.0 63 5B40
597 &8 BIOTITE (5C37) (FAULT BRECCIA)
598 MEDIUM GREY-GREEN TO BEIGE, MODERATELY HARD, PS2 FOLIATED,
599 CHLORITE-CALCAREOUS-DOLOMITE & MUSCOVITE PHYLLITE INTERLEAVED
600 WITH 20% FAULT BRECCIA WITH DOLOMITE VEINING & SOME BIOTITE.
601 DEFINITELY INCLUDES METABASITE IN LOWER PORTION/UPPER PORTION
602 MAY HAVE BEEN METABASITE ORIGINALLY. CONVERGENCE OF 5D4* AND
603 5B4. UPPER PORTION BEIGE MUSCOVITE RICH AND GREENISH BEIGE
604 MUSCOVITE-CHLORITE FOLIA SEPARATED HARDER QUARTZ-BIOTITE BANDS
605 SIMILAR TO LAST UNIT. SUPPORT ALTERATION ADJACENT TO FAULT.
606 FAULT DIPPING 35/000. FAULT AT 2130'-2131'. INTACT.
607 999
608 2132.0 2164.2 64 5B0
609 CALC SILICATY BIOTITE 2 MINOR
610 MODERATELY SOFT TO MODERATELY HARD, DARK MEDIUM GREENISH AND
611 BROWNISH GREY, PS2 FOLIATED TO FINELY LITHONED, MODERATELY
612 CALCAREOUS PHYLLITE. IN DETAIL THICKLY TO THINLY LAMINATED,
613 MEDIUM DARK GREY PHYLLITE BETWEEN COARSER QUARTZ-ACTINOLITE?-
614 BIOTITE & CALCITE LAMINAE. SOME INTERMEDIATED COMP AND
615 GRAIN SIZED BANDS. UNIT CONTAINS 20% CALCAREOUS BANDS. GOOD
616 EXAMPLE OF CALCAREOUS-SILICATED LOWER VANGORDA SEEN SOUTHWEST OF
617 VANGORDA DEPOSIT. BOTH STRATIGRAPHIC AND METOMORPHIC CONNOTATION.
618 TOI -2160 INTACT
619 2160- EOI MODERATELY BROKEN, LOCAL RUBBLE, NO FAULTS
620 BELOW 2159 WEATHERS ORANGE BECAUSE OF SOON TO FOLLOW FRACTURES-
621 WEATHERING ALONG FRACTURES AND S2 FOLIA.
622 999
623 2164.2 2179.0 65 5B6
624 BIOTITE CALC-SILICATY &0 MINOR
625 MEDIUM DARK BROWNISH GREY TO GREY BROWN WITH GREEN TINGE, WEAKLY

626 CALCAREOUS, PS2 FOLIATED, HOMOGENOUS (THICKLY LAMINATED IN DETAIL)
627 BIOTITE BEARING PHYLLITE. S2 SURFACES DARK GREY WITH BROWNISH
628 LOCALLY GREENISH TINGE. IN DETAIL SOFT GREY PHYLLITIC BANDS WITH
629 INTERBANDS DARK BROWNISH GREY BIOTITE-ACTINOLITE (?) -QUARTZ-
630 MINOR CALCITE. DIFFERENT FROM LAST UNIT IN THAT LACKS COARSE
631 CALCITE BEARING QUATZOSE BANDS. INTACT. DIFFERS FROM ADJACENT
632 UNITS IN THAT LESS FRACTURES. SIMILAR TO VERY LOWERMOST VANGORDA
633 FROM SEEN IN 79-VX-01 (NOW IN TYPO COLLECTION AT GRUM)
634 999
635 2179.0 2191.5 66 5B0
636 CALC-SILICATY BIOTITE 2 MINOR
637 MODERATELY SOFT TO MODERATELY HARD, DARK MEDIUM BROWN AND GREEN
638 TINGED GREY, MODERATELY CALCAREOUS, GENERALLY PS2 FOLIATED, THINLY
639 LAMINATED PHYLLITE. LAMINATED IN TERMS OF DARK GREY, NONCALCAREOUS
640 PHYLLITE AND VARIABLY CALCAREOUS, GRANULAR, BIOTITE-ACTINOLITE(?)
641 UNIT CUT BY MANY POST D2 QUARTZ-CALCITE FILLED CRACKLE VEINS.
642 OVERALL CORE RELATIVELY INTACT. SIMILAR TO UNIT #64.
643 999
644 2191.5 2209.0 67 5B0
645 CALC-SILICATY BIOTITE 2 MINOR
646 MEDIUM TO DARK MEDIUM GREENISH AND BROWNISH GREY, PS2 FOLIATED
647 TO VERY FINELY LITHONED, CALCAREOUS PHYLLITE. INTERBANDS OF
648 SOFT GREY, NONCALCAREOUS PHYLLITE AND VARIABLY QUARTZOSE BANDS
649 WITH CALCITE-ACTINOLITE-BIOTITE. SIMILAR TO LAST UNIT ONLY LESS
650 FRACTURED. UNIT INTACT.
651 999
652 2209.0 2229.5 68 5B6\$

653 2 & 0 & BIOTITE MINOR
654 MODERATELY SOFT TO MODERATELY HARD, DARK MEDIUM TO LIGHT GREY,
655 WITH LOCAL BROWN TINGE. PATCHILY CALCAREOUS, HIGHLY FRACTURED,
656 PS2 FOLIATED PHYLLITE. DOLOMITIC IN CENTRE. VARIABLY CALCAREOUS
657 IN BOTTOM AND TOP 3'. CORE WEATHERS ORANGE-TAN WITH 20%
658 CLEANS TO INTERBANDED DARK GREY AND PINKISH LIGHT GREY.
659 TOI -2222.5 MODERATELY BROKEN
660 2222.5-2224.5 VERY BROKEN, RUBBLE, MINOR GOUGE, FAULTS 45 DEGREES
661 CORE AXIS
662 2224.5- EOI INTACT
663 ENTIRE UNIT ALTERED DOLOMITIZATION RELATED TO FAULT ZONE IN
664 RUBBLE ZONE.
665 999
666 2229.5 2246.0 69 5B20
667 83 ->(5B6\$ & 0&2)(5A61) 70:25:05
668 MODERATELY HARD TO MODERATELY SOFT, VARIABLY ORANGE WEATHERING,
669 DARK TO DARK MEDIUM GREY, STRONGLY CALCAREOUS, PS2 FOLIATED
670 PHYLLITE MEDIUM TO THICKLY INTERBANDED WITH NONCALCAREOUS,
671 WEAKLY DOLOMITIC, PS2 FOLIATED PHYLLITE AND MINOR DARK GREY
672 TO BLACK, HARD, NONCALCAREOUS, CARBONACEOUS, SILICEOUS PHYLLITE.
673 CONTAINS MINOR BLUE GREY MARBLE INTERBANDS AND LOCALLY IS VERY
674 CALCAREOUS. TOP OF UNIT PLACED AT FIRST CARBONACEOUS, SILICEOUS
675 PHYLLITE. MORE CONSPICUOUS DARK GREY INTERBANDING THAT ABOVE
676 LITHOLOGIES. STRONGLY BROKEN TO LOCALLY RUBBLY. RECOVERY
677 INDETERMIATE.
678 999
679 2246.0 2249.5 70 5A61
680
681 DARK GREY TO BLACK, HARD, NONCALCAREOUS, SILICEOUS PHYLLITE.
682 VERY BROKEN TO RUBBLY. MINOR PYRITE. PROBABLY SOME CORE LOST.

683 999
684 2249.5 2262.0 71 5B20
685 &3->(5B6\$ &2)(5A61) 30:60:10
686 MEDIUM TO THICKLY INTERBANDED, VERY CALCAREOUS, MEDIUM DARK
687 GREY, PS2 TO CS2 FOLIATED PHYLLITE, THINLY LAMINATED, MEDIUM
688 TO DARK GREY, ORANGE WEATHERING, NONCALCAREOUS, DOLOMITIC PHYLLITE
689 AND MINOR DARK GREY TO BLACK, CARBONACEOUS, SILICEOUS PHYLLITE.
690 MINOR BLUE GREY MARBLE BANDS. SIMILAR TO UNIT #69. MAY INCLUDE
691 SOME VERY ALTERED SD - TOO ALTERED TO BE SURE. MODERATELY TO
692 STRONGLY BROKEN.
693 999
694 2262.0 2277.0 72 5A61
695
696 DARK GREY TO BLACK, HARD, NONCALCAREOUS, CARBONACEOUS, SILICEOUS
697 PHYLLITE. MODERATE "DOLOMITE FLASH". MINOR QUARTZ-PYRRHOTITE-
698 PYRITE BANDING - TRACE SPHALERITE. UNIT ENTIRELY RUBBLE AND
699 STRONGLY BROKE CORE. 6" RECOVERED.
700 999
701 2277.0 2307.0 73 5B0
702 &2 MINOR & CALC-SILICATE & BIOTITE (5B6\$ &2)
703 MODERATELY HARD TO MODERATELY SOFT, MEDIUM GREY, LOCALLY ORANGE
704 WEATHERING, GENERALLY PS2 FOLIATED, LOCALLY MICRO-LITHONED PHYLLITE.
705 ABOVE 2297 STRONGLY TO MODERATELY CALCAREOUS/BELOW THAT DOLOMITIC
706 AND NONCALCAREOUS. CORE STRONGLY BROKEN TO LOCALLY RUBBLY -
707 ESPECIALLY AT END.
708 999
709 2307.0 2379.5 74 5A61
710 &3 MINOR
711 DARK GREY, MODERATELY HARD TO HARD, GENERALLY NONCALCAREOUS,
712 PS2 FOLIATED, CARBONACEOUS, SILICEOUS PHYLLITE. CONTAINS FEW

713 THIN INTERBANDED OF CALCAREOUS, LIGHTER GREY PHYLLITE. MODERATE
714 TO STRONG "DOLOMITE FLASH". MINOR DISSEMINATED PYRITE AND
715 PYRRHOTITE VERY POORLY DEVELOPED, VERY THIN QUARTZ-SULPHIDE
716 BANDING.
717 TOI -2327 STRONGLY BROKEN
718 2327-2338 STRONGLY BROKEN, RUBBLE GOUGE INDETERMINATE BUT
719 LIKELY POOR RECOVERY
720 2338-2344 MODERATELY TO STRONGLY BROKEN
721 2344-2347 STRONGLY BROKEN WITH GOUGE, PROBABLE SIGNIFICANT
722 CORE LOST
723 2347- EOI MODERATELY BROKEN TO INTACT
724 999
725 2379.5 2394.0 74 5C\$
726 &7 (5A461 WHITE)(5A461)
727 THICKLY INTERBANDED, DARK GREY TO BLACK, NONCALCAREOUS,
728 CARBONACEOUS, SILICEOUS PHYLLITE WITH MINOR PYRITE AS ABOVE -
729 DOLOMITIC GREEN TO FLESH BEIGE CARBONATED METABASITE - AND OFFWHITE
730 TO VERY LIGHT GREY MUSCOVITE-QUARTZ-PHYLLITE WHICH IS ALTERED
731 VARIANT OF 5A. LOCAL ZONES OF FAULT ROCK DEVELOPED LOWER CONTACT
732 GRADATIONAL BASED ON INTENSITY OF FAULT ROCK PRESERVED. CORE
733 STRONGLY BROKEN TO INTACT.
734 999
735 2394.0 2400.0 76 5C4\$
736 (5A61)(5B40?) BRECCIA
737 COHERENT FAULT BRECCIA WITH LOCALLY WELL DEVELOPED FLASER
738 FABRIC. INVOLVING CARBONACEOUS PHYLLITE AND CARBONATED META-
739 BASITES AND ALTERED PHYLLITES AS ABOVE. FLASER FOLIATION AT

740 TOI 45 DEGREES CORE AXIS CUT BY STEEPER FRACTURES 25 DEGREES/
741 SAME DIP. NEAR EOI FLASER FABRIC AT 45-50 DEGREES CORE AXIS.
742 ROCK COHERENT - MODERATELY BROKEN TO INTACT. SIMILAR TO TIE
743 OR MAKE BELIEVE FAULTS.
744 999
745 2400.0 2404.0 77 3FO
746 SHEARED
747 MODERATELY HARD, MEDIUM TO LIGHT GREY, FINELY CRYSTALLINE,
748 MARBLE WITH BOUDINS TO CLASTS OF BIOTITE AND CALCAREOUS-
749 SILICATE BEARING SILICATES. VERY SHEARED LOOKING WITH
750 IRREGULAR ANASTAMOSING FOLIATION. VERY SMALL CLASTS OF SILICATES
751 COMPARED TO USUAL. NEAR TOP VERY FINE GRAINED. SMALL
752 VERSION OF MARBLE SEEN IN 81-AX-02 - FLINTY TYPE. SHEARED
753 3FO-ANALOGUE OF TIE FAULT ROCK.
754 999