

* put in decimal metrage *

1 0.0 82.0 1 #
 2 OVERBURDEN NO CORE
 3 999
 4 82.0 114.0 2 5B80
 5 (5F3) 50:50
 6 LIGHT TO MEDIUM YELLOWISH OLIVE GREEN, PS2 FOLIATED TO FINELY
 7 LITHONED, CALCAREOUS, CHLORITE-MUSC PHYLITE. S2 FOLIA LIGHT
 8 SILVERY YELLOWISH GREEN WITH GOOD MUSCOVITIC SHEEN. LOCAL LITHONS
 9 INVOLVING LIGHT COLOURED CALCAREOUS-QUARTZ BANDS LOCALLY GIVE
 10 ROCK 5B LOOK BUT DEFINITELY TOO GREEN. LOCALLY THINLY LAMINATED
 11 PARALLEL TO S2 IN SHADES OF GREEN AND WHITE WHICH RESEMBLES 5F3.
 12 SOME SECTIONS HOMOGENOUS GREEN AND RESEMBLE 5D, BUT FOLIATION
 13 too TO MUSCOVITIC TO BE COMFY IN 5D. UNIT CONTAINS MINOR SULPHIDES
 14 as OR THIN FLECKS PARALLEL TO S2, LARGELY PYRITE. MODERATELY BROKEN.
 15 RECOVERY OK. MODERATELY SOFT.
 16 999
 17 114.0 157.5 3 5B80

18
 19 MODERATELY SOFT, MEDIUM GREY-GREEN, PS2 FOLIATED TO THINLY
 20 LITHONED, CALCAREOUS, CHLORITE-MUSCOVITE PHYLITE. SIMILAR TO
 21 LAST UNIT EXCEPT DEFINITE GREY CAST ON CUT SURFACE AND DISTINCT
 22 SILVERY GREY ON S2 FOLIA. ORIGINAL ROCK TYPE PROBABLY IDENTICAL
 23 TO ADJOINING UNIT. LOCAL LITHONS FORMING CALCAREOUS-QUARTZ
 24 BANDS. MUCH OF UNIT LAMINATED SHADES OF LIGHT AND MEDIUM GREEN
 25 PARALLEL TO S2. TOI-122 MODERATELY TO VERY BROKEN/122-123 INDETERMINATE
 26 GOUGE AND RUBBLE-QUARTZ VIEN ASSOCIATED/123-131 STRONGLY BROKEN/
 27 131-153 MODERATELY BROKEN TO INTACT/153-154.5 VERY BROKEN, LOCAL
 28 RUBBLE/154.5-EOI INTACT. NO SIGNIFICANT FAULTS.
 29 999

30 157.5 207.0 4 5F3
 31 [5B80]
 32 MODERATELY SOFT, MEDIUM YELLOWISH OLIVE GREEN, CALCAREOUS,
 33 GENERALLY PS2 FOLIATED ALTHOUGH LOCALLY FINELY LITHONED, CHLORITE-
 34 MUSCOVITE PHYLITE. COMMONLY THINLY LAMINATED, SHADES OF OFF-
 35 WHITE AND MEDIUM GREEN PARALLEL TO S2 RESEMBLING 5F3. S2 SURFACES
 36 SILVERY MEDIUM TO PALE GREEN-INDICATE FAIR AMOUNT MUSCOVITE.
 37 LOCALLY S2 FOLIA SOAPY FEEL. THESE MAY BE TUFFS - IF ALTERED 5B
 38 THEN IT IS A VERY MICACEOUS SECTION WITHOUT A LOT OF CALCITE-
 39 QUARTZ BANDS. MANY MICACEOUS SECTIONS ARE STRONGLY CALCAREOUS -
 40 IN THAT SENSE HAS AFFINITIES TO 5D. UP TO 10CM HOMOGENOUS, PS2
 41 FOLIATED, VARIABLY CALCAREOUS, CHLORITE-MUSCOVITE PHYLITE
 42 SECTIONS RESEMBLE 5D. LAST 3' SLIGHTLY HARDER, MORE GRANULAR,
 43 RESEMBLE 5D VERY CLOSELY - S2 FOLIATION SURFACES MEDIUM GREEN WITH
 44 DARK GREEN CHLORITIC SPOTS CORRESPONDING TO DARK GREEN CHLORITIC
 45 LENSES ON CUT SURFACE. MODERATELY BROKEN TO INTACT TOI-188/
 46 188-190 RUBBLE INCIPIENT GOUGE/190-201.5 MODERATELY BROKEN TO
 47 INTACT/201.5-202.5 INCIPIENT GOUGE-MINOR RUBBLE - FAULT (MINOR)
 48 AT 20/090/203.5-EOI INTACT.
 49 999

50 207.0 292.0 5 5C3
 51 (5C\$ & 3 MINOR) (5D0) 85:10:05
 52 MEDIUM TO DARK GREEN, COMMONLY WITH BLUE TINT ON WET CUT SURFACE,
 53 GENERALLY PS2 LOCALLY CS2, MOTTLED, FINE TO MEDIUM GRAINED,
 54 CALCAREOUS, CHLORITIC PHYLITE. HAS CHOCOCT DARK GREEN DENTICULAR
 55 masses CHLORITIC MANES 1CM BY 2MM (THICK) ELONGATE IN S2 FOLIA, S2 FOLIA
 56 MEDIUM DARK GREEN WITH PROMINENT DARK GREEN SPOTTING DUE TO DARK
 57 GREEN CHLORITIC LENSES. CLASSIC LEOPARD ROCK OF FIELD USE (I.E.
 58 DARK GREEN SPOTS ON S2 SURFACE). ALMOST - BUT NOT QUITE - LEOPARD

reverse
word
order

with

characteristic

59 ROCK OF DRILL HOLE USAGE - ^{since} ~~SOME~~ CHLORITIC LENSES ISOLATED AND
60 DON'T FORM DISTINCT LAMINATION. OVERALL HOMOGENOUS. TOI-220'
61 MODERATELY LITHONED WITH ABUNDANT WHITE CLACITE BEARING BANDS/
62 220-228 TAN WEATHERING, PATCHILY CALCAREOUS, AND IT IS DOLIMITIC/
63 228-285 HOMOGENOUS, SPOTTED, CALCAREOUS METABASITE - GENERALLY
64 PS2 FOLIATED/285-EOI INTERBANDS OF FINE GRAINED, PS2 FOLIATED,
65 MEDIUM OLIVE GREEN, CALCAREOUS PHYLLITE THAT RESEMBLES 5D. UNIT
66 INTACT. NO SIGNIFICANT FAULTS. SHORT RUBBLE RELATED TO ROCK TYPE.
67 ^{ly} COMMON <1MM SIZE, WHITE, PROBABLE CARBONATE PROPHS LOCALLY -
68 ESPECIALLY IN LAST 20 FEET GIVING ROCK VERY FINE SPECKLED WHITE
69 TEXTURE - LIKE SUGAR SPRINKLED ON CORE.
70 999
71 292.0 296.0 6 500
72
73 FINE-GRAINED, PS2 FOLIATED, MEDIUM OLIVE GREEN, CALCAREOUS,
74 CHLORITIC PHYLLITE. HOMOGENOUS MINOR CALCAREOUS BEARING BANDS
75 PARALLEL TO S2. NEAR 293.5 MAY CONTAIN RELICT CORYDULES OF CALCITE.
76 INTACT. CARDATIONAL WITH ABOVE UNIT. PROBABLY FINE GRAINED
77 MARGIN TO ABOVE METABASITE. ^{amygdules}
78 999
79 296.0 307.5 7 5B80
80 [5F3]
81 PALE YELLOWISH GREEN, CALCAREOUS, CHLORITE-MUSCOVITE PHYLLITE.
82 COMMONLY THINLY LAMINATED PARALLEL TO S2 IN SHADES OF YELLOWISH
83 GREEN AND OFF-WHITE. S2 FOLIA VERY PALE SILVERY GREEN. MODERATELY
84 SOFT. SAME AS UNITS #2 AND #4. LOCALLY FINELY LITHONED WITH
85 CALCITE BEARING LAMINAE. S2 FOLIA NEAR TO COLOUR OF 4L6 WEAK.
86 MINOR ORANGE WEATHERING ALONG S2 FOLIA. OVERALL LIGHTER YELLOWISH
87 COLOUR THAN UNITS #2 AND #4. MODERATELY TO STRONGLY BROKEN. NO
88 SIGNIFICANT FAULTS.
89 999
90 307.5 323.5 8 5B8S
91 80 MINOR (5B4S) 70:30
92 PALE GREYISH TO YELLOWISH GREEN TO BEIGE, PATCHILY CALCAREOUS,
93 COMMONLY DOLOMITIC, MODERATELY SOFT TO MODERATELY HARD, CHLORITE-
94 MUSCOVITE AND MUSCOVITE PHYLLITES. APPEARS TO BE SAME ROCKS ^{calcite}
95 AS LAST UNIT ONLY DOMINANTLY DOLOMITIC. CS PRESENT IN SOME
96 ^S BANDS AND IN FRACTURES. FIRST 3' AND LAST 2 1/2' LIGHT BEIGE AND
97 WEATHERED ORANGE - FRESH SURFACE HAS PINKISH DOLOMITE CAST.
98 MIDDLE IS GREYISH GREEN, NONCANCAREOUS, LOCALLY DOLOMITIC. TOI-
99 316 STRONGLY BROKEN, LOCALLY RUBBLY/316-EOI INTACT. NO SIGNIFICANT
100 FAULTS.
101 999
102 323.5 329.5 9 5C4S
103
104 ORANGE-TAN WEATHERING, VERY PALE PINKISH BEIGE, FUCHSITE-BEARING,
105 CARBONATED METABASITE. UNIT VERY STRONGLY BROKEN TO GOUGE.
106 999
107 329.5 358.0 10 5B6S
108 (5C4S) TRACE GOUGE BXA Breccia
109 GOUGE DERIVED FROM FLASER FOLIATED FAULT ROCK. FLASER FOLIATION
110 AT 55 DEGREES TO CORE AXIS. CLASTS/AUGEN OF QUARTZ, CARBONATED
111 METABASITE, GREY PHYLLITE IN PHYLLITIC GREY MATRIX. ^{delete}
112 GOUGE INTERLEAVED WITH SHORT SECTIONS VERY BROKEN OF CORE OF
113 DOLOMITIC, CARBONATED METABASITE AND MEDIUM GREY PHYLLITE WITH
114 DOLOMITIC LAMINAE PARALLEL TO S2. ENTIRELY GOUGE AND RUBBLE.
115 17' RECOVERY. LOOKS LIKE DOLD LAKE FART GREGG HAS SEEN. LOCALLY
116 CAN SEE THROUGH GOUGE TO FAULT BXA TYPE ROCK.

DOAL
Fault
breccia

117 999
 118 358.0 417.0 11 5B6\$
 119 4 MINOR
 120 LIGHT TO MEDIUM GREY, MODERATELY SOFT, GENERALLY PS2 FOLIATED,
 121 NONCALCAREOUS, HOMOGENOUS, DOLOMITIC PHYLLITE. THINLY LAMINATED *petite*
 122 PARALLEL TO S2 BETWEEN MEDIUM GREY AND PALE PINKISH BEIGE, PETITE
 123 AND GRANULAR SLIGHTLY QUARTZOSE DOLOMITIC BANDS, VERY STRONGLY
 124 BROKEN TO RUBBLY. MINOR GOUGE NEAR 390', 405', 410'. MINOR 5C4\$
 125 LOCALLY. CORE WEATHERS ORANGE-TAN. RECOVERY: 37' RECOVER^{ed}
 126 999
 127 417.0 522.0 12
 128 GOUGE AND RUBBLE
 129 NONCALCAREOUS GREY PHYLLITE WITH BITS OF POSSIBLE 5C4\$. RECOVERY
 130 40'. ONLY PIECE OF CORE IS 5B26\$. MOSTLY MEDIUM GREY CHIPS. IND *eterminate*
 131 999
 132 522.0 532.3 13 5B62
 133 \$
 134 DARK MEDIUM GREY TO DARK GREY, MODERATELY SOFT TO MODERATELY HARD,
 135 MODERATELY WELL LITHONED, NONCALCAREOUS, DOLOMITIC PHYLLITE WITH
 136 A 10 CM BAND OF 5D4\$ AT 525'. INTACT - INCIPIENT GOUGE NEAR TOI.
 137 UPPER PART OF UNIT STRONGLY FAULTED AND SHEARED ALONG PLANES 45-
 138 50 DEGREES CORE AXIS TO 25 DEGREES CORE AXIS. SMALL FAULT AT
 139 45/000 IN ONE SPOT. BOTTOM OF UNIT ALSO FAULTED AND EXIATED -
 140 FAULTS AT 45 DEGREES CORE AXIS. *brecciated*
 141 999
 142 532.3 535.0 14 5C4\$
 143 FUCHSITE
 144 MODERATELY SOFT TO MODERATELY HARD, ORANGE-TAN WEATHERING, PINKISH
 145 BEIGE, NONCALCAREOUS, DOLOMITIC, FUCHSITE BEARING METABASITE.
 146 INCIPIENTLY GOUGED. LOWER CONTACT SHARP AGAINST WHAT APPEARS TO
 147 BE FAULT ROCK - AT 58 DEGREES CORE AXIS. UPPER CONTACT SHARP
 148 AGAINST FAULT ROCK 65 DEGREES TO CORE AXIS.
 149 999
 150 535.0 546.0 15 5A61
 151 MINOR
 152 DARK GREY TO BLACK, PS2 FOLIATED, MODERATELY HARD TO LOCALLY
 153 MODERATELY SOFT WHEN WEATHERED AND INCIPIENTLY GOUGED, NONCALCAREOUS,
 154 CARBONACEOUS, SILICEOUS PHYLLITE. CONTAINS MINOR PYRITE >
 155 PYRRHOTITE. SULPHIDES IN THIN BANDS PARALLEL TO S2 AND IRREGULAR
 156 STRINGER NETWORKS IN POST D2 FRACTURES IN DISSEMINATED FLECKS
 157 ALONG S2. STRONGLY BROKEN. TOP 1' IS FAULT EXIATED WITHOUT
 158 STRONG FOLIATION. REST OF UNIT PLANES, REGULAR S2 FOLIATION. *planar* *brecciated*
 159 999
 160 546.0 556.0 16 3G9
 161
 162 MODERATELY SOFT, HOMOGENOUS, DARK GREY TO MEDIUM DARK GREY, NON-
 163 CALCAREOUS, PS2 FOLIATED PHYLLITE. MAY CONTAIN MINOR DOLOMITE
 164 BANDS TOWARDS EOI. OVERALL FREE OF BANDS OF ANY SORT. STRONGLY
 165 BROKEN. RECOVERY BAD. 8' FOR INTERVAL - MUCH LOST AT UPPER
 166 CONTACT.
 167 999
 168 556.0 811.0 17 5A61
 169
 170 MODERATELY HARD TO HARD, DARK GREY TO BLACK, PS2 FOLIATED,
 171 CARBONACEOUS, SILICEOUS PHYLLITE. MODERATE "DOLOMITE FLASH".
 172 OVERWHELMINGLY NONCALCAREOUS - VERY MINOR CALCITE BEARING BANDS -
 173 PARALLEL TO S2 - FEW MM THICK. COLOUR LAMINATIONS IN SHADES OF
 174 DARK GREY TO BLACK PARALLEL TO S2 - PRESSURE SOLUTION.

175 VERY, VERY MINOR 5D4 TUFF BAND 442' - 2 CM THICK, ANOTHER MICRO-
176 TUFF BAND AT 700'. CHICKEN BONE AT 723'. MINOR PYRITE-PYRRHOTITE
177 AS THIN BANDS PARALLEL TO S2, AND IRREGULAR FRACTURE NETWORKS
178 CUTTING S2, DISSEMINATED STREAKS ALONG S2. ON CLEAN DRY CUT sulphide
179 SURFACES CORE HAS BLUISH CAST. QUARTZ - 5 BANDING - 4A TYPE
180 IS ESSENTIALLY ABSENT. WHERE PRESENT IS IN MM TYPE BANDS. indeterminate
181 VERY HOMOGENOUS UNIT. TOI-576 STRONGLY BROKEN/576-578 IND GOUGE
182 AND RUBBLE/578-600 STRONGLY BROKEN/600-616 GOUGE AND RUBBLE/615-622
183 RUBBLE, POKER CHIPPY/622-662 VERY BROKEN/662-663 GOUGE AND RUBBLE/
184 663-701 STRONGLY BROKEN, POKER CHIPPY/701-718 RUBBLE, GOUGE,
185 POKER CHIPPY IND 718-781 VERY STRONGLY BROKEN, LOCAL RUBBLE AND
186 GOUGE IND, LOCAL STEEP S2/781-797 RUBBLE GOUGE, VERY HEAVILY
187 BROKEN/797-802 MODERATELY BROKEN/802-803 GOUGE AND RUBBLE/803-
188 EOI MODERATELY BROKEN. RECOVERY OVERALL 232'. 602-618 9' CORE
189 PRESENT - 752-762 (17) CORE PRESENT. BIGGEST FAULTS - 602-618
190 (STEEP S2 JUST ABOVE) AND 706-717. PROBABLY NOTHING COMPARED TO delete
191 STRUCTURES BETWEEN 330-522. NOW THAT'S A FAULT. PROBABLY
192 RESPONSIBLE FOR SIGNIFICANT STEATIGRAPHIC CUT OUT.
193 999
194 811.0 899.0 18 5A6 R delete
195 & 1 MINOR (5D4S) MINOR
196 ~~MODERATELY HARD TO LOCALLY HARD AND LOCALLY MODERATELY SOFT~~
197 DARK GREY TO BLACK, NONCALCAREOUS PHYLLITE. MODERATE TO
198 STRONG "DOLOMITE FLASH". PS2 FOLIATED. CONTAINS MINOR PYRRHOTITE
199 APPROXIMATELY EQUAL TO PYRITE IN SAME PERMUTATIONS AS PREVIOUS sulphide
200 UNIT. LOCALLY MINOR SPHALERITE AT EOI. QUARTZ - BANDING
201 VERY POORLY DEVELOPED - WHERE PRESENT 1-3MM THICK. CHARACTERISED
202 BY PRESENCE OF THIN PINKISH BEIGE, ORANGE WEATHERING, NONCALCAREOUS, replace
203 LOCALLY GREENISH BEIGE, SLIGHTLY DOLOMITIC, ALTERED 5D METABASIC
204 BANDS. 6" AT TOI, 6" AT 816', 4" AT 839', 2" AT 840', 1" AT 869'
205 AND 869.5', 6" AT 872', 6" AT 875', 2" AT 882', 1" AT 893', 1"
206 AT EOI. UNIT ALSO SOFTER ON THE AVERAGE, LESS PRONOUNCED STRIPING
207 PARALLEL TO S2 - WHERE DEVELOPED RELATES MORE TO ORIGINAL
208 COMP BAND MORE HOMOGENOUS THAN LAST UNIT. S2 FOLIA DARK GREY
209 TO BLACK. TOI-822 MODERATELY BROKEN TO INTACT/822-823 IND indeterminate
210 RUBBLE AND GOUGE 2 1/2' RECOVERY/830-845 STRONGLY BROKEN/845-859
211 RUBBLE, GOUGE, STRONGLY BROKEN RECOVERY 75%/859-EOI STRONGLY BROKEN,
212 LOCAL MINOR GOUGE AND RUBBLE.
213 ~~17.5 40.5 18 5A6~~ delete
214 ~~MODERATELY SOFT TO MODERATELY HARD WITH LOCALLY HARD.~~
215 999
216 899.0 968.5 19 5A0
217 [5A6 (5A3) 80:20]
218 MODERATELY SOFT TO LOCALLY MODERATELY HARD, DARK GREY TO BLACK,
219 PS2 FOLIATED, PATCHILY CALCAREOUS, LOCALLY LITHONED, CARBONACEOUS,
220 PHYLLITE. S2 SURFACES DULL DARK GREY TO BLACK. UNIT LARGELY
221 NONCALCAREOUS, CONTAINS INTERBANDS 1CM TO SEVERAL 10'S OF CM THICK,
222 LIGHTER GREY, CALCITE-QUARTZ-ACTINOLITE-PYRITE OR PYRRHOTITE.
223 BANDS FORM LITHONS LOCALLY. ABOUT 15-20% OF UNIT CALCAREOUS AND
224 BANDED IN THIS FASHION. REMAINDER HOMOGENOUS, MODERATELY SOFT,
225 PS2 FOLIATED PHYLLITE. CALCAREOUS BANDS PARTICULARLY ABUNDANT
226 BELOW 941' (ONLY TRACE AMOUNTS ABOVE THAT). MODERATELY TO
227 STRONGLY BROKEN, LOCAL RUBBLE AND MINOR GOUGE. 958' GOUGE
228 ASS MINOR FAULT 10-30 DEGREES CORE AXIS. NO SIGNIFICANT
229 FAULTS. ABOUT SAME HARDNESS AS LAST UNIT. DISTINGUISHED BY LACK
230 OF TUFF BANDS AND DEFINITELY MORE CALCAREOUS. LOCAL ZONES MINOR
231 CORE LOSS. RECOVERY OVERALL OK. 1' LOSS 959', 2' LOSS 936'-938'
232 TOI-918 RECOVERY PROBLEM - 70% RECOVERY, RUBBLE, VERY BROKEN

233 CORE, CAVE AT END. ONLY MINOR PYRRHOTITE AND PYRITE 1-2%. NO
 234 WELL DEVELOPED QUARTZ-~~Sulphide~~ BANDING. ~~Sulphides~~ IN USUAL FORMS.
 235 MINOR SPHALERITE SEEN LOCALLY.
 236 999
 237 968.5 976.0 20 5E2
 238 (5A0) 50:50
 239 MODERATELY HARD TO MODERATELY SOFT, DARK GREY, PS2 FOLIATED,
 240 FINELY CRYSTALLINE CALCITE MARBLE GOING TO CALCAREOUS, ~~CARBONACEOUS~~
 241 PHYLLITE GOING TO NONCALCAREOUS CARBONACEOUS PHYLLITE. 50%
 242 MARBLE. MINOR CALCITE-SILICATE (GREEN MINERAL) DEVELOPED IN
 243 CALCAREOUS AREAS. MINOR PYRRHOTITE AND PYRITE LARGELY AS
 244 DISSEMINATION IN BANDS ALONG S2. NO GOOD QUARTZ-~~Sulphide~~ BANDING.
 245 MODERATELY BROKEN-INTACT. RECOVERY GOOD.
 246 999
 247 976.0 995.5 21 5A0 areous
 248 [5A6 (5A3) MINOR]
 249 MODERATELY HARD TO LOCALLY MODERATELY SOFT, DARK GREY TO BLACK,
 250 PS2 FOLIATED, VERY SPARSELY CALCAREOUS, CARBONACEOUS PHYLLITE.
 251 ~~CC~~ ~~in~~ THIN, LIGHTER COLOURED, LOCALLY LITHONED FORMING ~~delete~~
 252 LOCALLY MOTTLED, LAMINAE TO BANDS. MOTTILING FROM GREEN MINERAL.
 253 5% CALCAREOUS BANDS. MODERATELY TO STRONGLY BROKEN. RECOVERY
 254 OK EXCEPT 1' LOST NEAR 989' JUST ABOVE STEEP S2 ZONE 989-993.
 255 MINOR PYRRHOTITE IN BANDS PARALLEL TO S2. (1-5MM) WITH OR WITHOUT
 256 QUARTZ, FLECKS PARALLEL TO S2, ~~AND~~ FRACTURES. TRAC~~E~~ ~~CHALCOOPYRITE~~ chalcopyrite
 257 NOTED.
 258 999
 259 995.5 1000.0 22 5A6
 260 (5C\$ GOING TO 5D6 8\$) 75:25
 261 MODERATELY SOFT TO LOCALLY MODERATELY HARD, PS2 FOLIATED, NON-
 262 CALCAREOUS, ~~HOMOGENEOUS~~ PHYLLITE INTERLAYERED WITH GREENISH BEIGE
 263 NONCALCAREOUS, CHLORITE-MUSCOVITIC PHYLLITE AND SOME ~~ASSOCIATED~~
 264 FINELY ~~LEPOARD~~ ROCK TEXTURED CHLORITE-DOLIMITE PHYLLITE.
 265 METABASITE CONTACTS ~~TARPL~~ PARALLEL TO S2, VERY MINOR ALTERATION
 266 ADJACENT TO THEM FOR LESS THAN 1CM INTO ADJACENT WALL ROCK. 10CM
 267 AT TOI, 25CM AT EOI. CARBONACEOUS PHYLLITE CONTAINS MINOR FINE
 268 GRAINED PYRITE AND PYRRHOTITE AS FLECKS TO ~~LENS~~ DISSEMINATED ALONG
 269 S2. MINOR ROUNDED MASSES OF PYRITE (POLYCRYSTALLINE) UP TO 2MM
 270 DIAMETER. MODERATELY BROKEN, RECOVERY GOOD. ~~lenses~~
 271 999
 272 1000.0 1072.0 23 5A6 sharp and
 273 (5A61 BORDERLINE) 50:50
 274 DARK GREY TO BLACK, PS2 FOLIATED, MODERATELY HARD TO MODERATELY
 275 SOFT, NONCALCAREOUS, FAIRLY ~~HOMOGENEOUS~~, CARBONACEOUS PHYLLITE.
 276 UPPER 1/2 DOMINANTLY SOFTER - LOWER 1/2 DOMINANTLY HARDER AND
 277 HAS BETTER DEVELOPED DARK GREY/LIGHT GREY COMPOSITE STRIPING
 278 PARALLEL TO S2. THIS IS SIMILAR TO UNIT #17 (ENDS 811'). UPPER
 279 PORTION IDENTICAL TO LAST UNIT - SIMILAR TO NONCALCAREOUS PORTIONS
 280 OF OVERLYING UNITS. 1-2% ~~Sulphides~~. BOTH PYRRHOTITE AND
 281 PYRITE LARGELY AS STREAKS PARALLEL TO S2 AND LARGER LENSES TO
 282 LAMINAE PARALLEL TO S2, RARELY ASSOCIATED WITH QUARTZ IN 1CM THICK
 283 BANDS ~~PARALLEL~~ TO S2, THEREFORE NEGLIGIBLE QUARTZ-~~Sulphide~~ BANDING.
 284 1 FOR HARDER - BUT CAN STILL BE SCRATCHED BY NAIL - PROBABLY
 285 SLIGHTLY SOFTER THAN USUAL BECAUSE CORE VERY BROKEN. STRONGLY
 286 BROKEN WITH MUCH RUBBLE AND LOCAL GOUGE TOI-1048, STEEP S2 1014-
 287 1017 WITH ~~END~~ GOUGE AT END/1048-1049 ~~END~~ GOUGE AND INCIPIENT
 288 GOUGE/1049-1059 STRONGLY BROKEN, ~~RUGGLE~~ INCIPIENT GOUGE, RECOVERY
 289 80%/1059-EOI STRONGLY BROKEN. PROBABLY NO MAJOR FAULT - PROBABLY
 290 ALL MINOR - LITHOLOGY CONTROLLED.

indeterminate

rubble

hardness?

291 999
 292 1072.0 1112.0 24 5A6
 293 &1 MINOR (5D46)
 294 MODERATELY SOFT TO MODERATELY HARD, NONCALCAREOUS, PS2 FOLIATED,
 295 DARK GREY TO BLACK, CARBONACEOUS PHYLLITE. COMMON LIGHT GREY/
 296 DARK GREY STRIPING PARALLEL TO S2. MINOR PYRITE LARGELY AS
 297 DISSEMINATED IN LIGHTER COLOURED ^{deletes} MORE QUARTZOSE BANDS/LITHONS *masses*
 298 PARALLEL TO S2, FRACTURE AND IRREGULAR CROSS-CUTTING S2. MINOR
 299 THIN GREENISH TO PINKISH BEIGE, NONCALCAREOUS 5D BANDS. VERY
 300 SIMILAR TO LAST 1/2 OF PREVIOUS UNIT EXCEPT FOR TUFF INTERBANDS. *banded*
 301 &1 FOR SHORT INTERVALS OF HARD PHYLLITE - REMAINDER BORDERLINE
 302 TO SUB-BORDERLINE. CORE STRONGLY BROKEN TO 1-1076/1076-1082 RUBBLE,
 303 GOUGE - PROBABLY MINOR FAULT/1082-EOI MODERATELY BROKEN, STRONGLY
 304 BROKEN, LOCAL RUBBLE AT TOP. NO SIGNIFICANT FAULTS.
 305 999
 306 1112.0 1128.5 25 5A0
 307 CALCAREOUS-SILICATE MINOR
 308 MODERATELY SOFT TO MODERATELY HARD, PS2 FOLIATED, PATCHILY
 309 CALCAREOUS, DARK GREY TO BLACK, CARBONACEOUS PHYLLITE. THIN
 310 LIGHTER GREY ^{calcite} BEARING BANDS PARALLEL TO S2. BANDS INCREASE
 311 IN AMOUNT TOWARD EOI. CALCAREOUS BANDS AND MINOR DISSEMINATED
 312 DARK GREEN MINERAL AND PYRRHOTITE AND PYRITE. PROPORTION OF
 313 CALCAREOUS BANDS IS 10%. SMALL CALCAREOUS 5D BANDS AT 1114'.
 314 Sulphides AS STREAKS/FLECKS ALONG S2 AND DISSEMINATED IN FINE
 315 QUARTZOSE LAMINAE AND CROSS-CUTTING FRACTURES. MODERATELY BROKEN
 316 RECOVERY OK.
 317 999
 318 1128.5 1132.0 26 5E2
 319 (5A31.0) 70:30 *PS2 foliated*
 320 DARK GREY TO BLACK, FINELY CRYSTALLINE, HARD TO MODERATELY HARD,
 321 CALCITE MARBLE INTERLAYERED WITH LESSER, FINE, SLIGHTLY CALCAREOUS
 322 PYRITIC, CARBONACEOUS PHYLLITE. INTACT. *grained*
 323 999
 324 1132.0 1210.9 27 5A0
 325
 326 MODERATELY HARD TO MODERATELY SOFT, DARK GREY TO BLACK, SLIGHTLY
 327 AND PATCHILY CALCAREOUS, LARGELY PS2 FOLIATED, CARBONACEOUS PHYLLITE.
 328 MOST calcite IN THIN BANDS FORMING LITHONS ABOVE 1150' *associated*
 329 WITH GREEN MINERAL, PYRITE, QUARTZ, Sulphides 1-2% RANGE, LARGELY
 330 PYRRHOTITE WITH LESSER PYRITE. SULPHIDES DISSEMINATED IN
 331 QUARTZOSE BANDS TO LAMINAE PARALLEL TO S2. 1-FEW MM THICK - NOT
 332 GOOD 4A TYPE BANDS BECAUSE TOO THIN. SULPHIDES ALSO AS
 333 DISSEMINATED FLECKS ALONG S2 AND MOBILIZED INTO CROSS-CUTTING
 334 FRACTURES. CORE MODERATELY BROKEN TO INTACT. MINOR INCIPIENT
 335 GOUGE NEAR 1196' WITH QUARTZ VEINS. MINOR RUBBLE 1200'
 336 ASSOCIATED WITH QUARTZ VEIN. MINOR SPALERTITE AND GALENA IN
 337 IRREGULAR LENSES/LAMINAE PARALLEL TO S2 FOR 1' NEAR 1150'.
 338 999
 339 1210.9 1214.5 28 5C5 *moderately*
 340 &3 MINOR
 341 FAIRLY HOMOGENOUS OVERALL, LARGELY PS2 FOLIATED, AND HARD TO
 342 MODERATELY SOFT, CHLORITE-DOLOMITE IN CALCITE PHYLLITE.
 343 DOLOMITE IS RHOMBS THAT ARE WHITE - WEATHERS BROWN. SOME ALTERED
 344 YELLOWISH-GREEN METAPELITE IN TOP 6" OF UNIT. INTACT. *tan*
 345 999
 346 1214.5 1243.0 29 5B3
 347 CALCAREOUS-SILICATE BIOTITE &4
 348 MODERATELY HARD TO MODERATELY SOFT, OVERALL GREENISH AND BROWNISH

349 GREY, CALCAREOUS, ^{relatively} WELL LITHONED TO LOCALLY PS2 FOLIATED PHYLLITE.
 350 INTERBANDS OF ~~NONCALCAREOUS~~, SOFT GREY PHYLLITIC MATERIAL AND
 351 COARSER LIGHT BROWNISH GREEN TO MEDIUM BROWNISH GREEN, CALCAREOUS-
 352 QUARTZ-ACTINOLITE-BIOTITIC BANDS AND FINELY CRYSTALLINE OFF-WHITE
 353 TO LIGHT BLuish GREY, CALCITE MARBLE AND YELLOWISH-GREEN, SOFT,
 354 NONCALCAREOUS, ALTERED, MUSCOVITE-~~CHLITTE~~ PHYLLITE. UNIT CONTAINS chlorite
 355 5% THIN MARBLE BANDS, 30% PHYLLITIC BANDS, REMAINDER VARIABLY
 356 CALCAREOUS, CALCITE AND OTHER MINERAL BANDS. A FEW CHEST NODULES
 357 OCCUR IN THE UNIT. TOI-1224 INTACT/1224-1229 RUBBLY AND R
 358 TO BREAKAGE ALONG STEEP FRACTURE 5% CORE MISSING/ 1229-EOI
 359 INTACT, MINOR GOUGE AND RUBBLE END AT 1238. NO SIGNIFICANT
 360 FAULTS. COMPARE THIS INTERVAL TO ~~STRAIGHT CALCAREOUS~~ AND VARIABLY stringered calcite
 361 MARBLE-BEARING INTERVALS IN DDH ON VANGORDA 6E - ~~SIA~~ POSITION
 362 BETWEEN CARBONACEOUS PELITES AND CALCAREOUS VANGORDA PELITES stratigraphic
 363 ~~1229~~ VANGORDA). END OF UNIT AT LAST MARBLE INTERBAND.
 364 999 ^{basal}
 365 1243.0 1249.0 30 580 indeterminate
 366 CALCAREOUS-SILICATY BIOTITE
 367 MEDIUM BROWNISH TO GREYISH GREEN, GENERALLY PS2 FOLIATED, MODERATELY
 368 HARD TO MODERATELY SOFT, CALCAREOUS PHYLLITE. THICKLY LAMINATED
 369 NONCALCAREOUS PHYLLITE AS BEFORE AND CALCAREOUS CALCITE-QUARTZ-
 370 BIOTITE-ACTINOLITE LAYERS AS BEFORE. INTACT.
 371 999
 372 1249.0 1287.0 31 503
 373 MODERATELY TO STRONGLY FOLIATED, MEDIUM TO DARK BLuish GREEN AND
 374 WHITE MOTTLED, STRONGLY CALCAREOUS, CHLORITE & BIOTITE PHYLLITE.
 375 WHITE CALCITE PATCHES IN GREEN CHLORITIC "MATRIX" WITH WHITE CALCITE
 376 BEARING BANDS PARALLEL TO S2. FINE-GRAINED VARIANT AT TOI AND EOI
 377 OF UNIT ABOUT 2' THICK. MAY BE SOME ALTERED PELITES INCLUDED IN
 378 FIRST 2' (HARD YELLOWISH GREEN MUSCOVITIC FOLIA IN MORE GRANULAR
 379 GREENISH BANDS). INTACT. Biotite could be in wall rocks.
 380 999
 381 1287.0 1298.0 32 5880
 382 BIOTITE CALCAREOUS SILICATY
 383 MODERATELY HARD TO MODERATELY SOFT, MEDIUM GREYISH AND BROWNISH
 384 GREEN, GENERALLY PS2 FOLIATED PHYLLITE. CONSISTS OF SOFT GREY
 385 GREEN TO YELLOWISH GREEN PHYLLITIC BANDS SEPARATING GRANULAR
 386 ^{band} CALCITE-QUARTZ-ACTINOLITE-BIOTITE. INTACT. END OF UNIT ARBITRARY,
 387 HARD ON FIRST STRONGLY GREY PELITE INTERBANDS.
 388 999
 389 1298.0 1382.0 33 580 ²
 390 CALCAREOUS-SILICATY BIOTITE ~~83~~ MINOR GOING TO (580 CALCAREOUS-
 391 SILICATY BIOTITE MINOR) 70:30
 392 MODERATELY SOFT TO MODERATELY HARD, MODERATELY TO WEAKLY CALCAREOUS,
 393 GREENISH GREY TO GREYISH GREEN, BROWN TINGED, LARGELY PS2 FOLIATED
 394 PHYLLITE. LOCALLY WELL LITHONED. MODERATELY CALCAREOUS ABOVE 1230'
 395 WEAKLY CALCAREOUS TO LOCALLY MODERATELY CALCAREOUS AND SOMEWHAT
 396 GREYER BELOW 1230'. CONSISTS OF GREY TO GREENISH GREY, SOFT, NON-
 397 CALCAREOUS PHYLLITE INTERBANDS WITH GRANULAR QUARTZ-CALCITE-
 398 ACTINOLITE-BIOTITE BANDS. BANDS VARY IN ABUNDANCE REFLECTING
 399 DEGREE OF CALCAREOUSNESS. INTACT. LOWER CONTACT ARBITRARY -
 400 BASED ON GRADUAL IMPRESSION OF INCREASED CALCAREOUS BANDING, GREY
 401 COLOUR AND BETTER LITHON TEXTURE. 82 FOR DARKER GREY PHYLLITE IN
 402 LAST 10' AND FEW FEET NEAR 1342.
 403 999
 404 1382.0 1490.5 34 580 ^{delete}
 405 CALCAREOUS-SILICATY BIOTITE 82 MINOR
 406 MODERATELY HARD, BROWNISH GREY, MODERATELY TO STRONGLY CALCAREOUS,

407 ^{ly} ~~well~~ LITHONED - LOCALLY PS2 FOLIATED PHYLLITE. UNIT CONSISTS OF 2-10 MM
 408 NONCALCAREOUS, MEDIUM TO DARK MEDIUM GREY PHYLLITE THINLY INTER-
 409 Banded TO THICK LAMINATED WITH COARSER QUARTZ-CALCITE-ACTINOLITE-
 410 BIOTITE LAMINAE/BANDS. BANDS LOCALLY CONTAIN MINOR DISSEMINATED
 411 PYRRHOTITE. 82 FOR LOCAL DARK GREY PHYLLITIC INTERBANDS - ESPECIALLY
 412 IN LAST 5' AND 3' AROUND 1390. CLASSIC 580 CALCAREOUS-SILICATY.
 413 INTACT EXCEPT FOR RUBBLY FOR LAST 5'.
 414 999

delete

- EOH at 1490.5'