

003787

1 0 154 1 #  
2 OVERBURDEN DRILLED GRANITIC BOULDERS FROM ANVIL BATHOLITH  
3 999  
4 154 167 2 #  
5 NO CORE, BOX EMPTY  
6 999  
7 167 183 3 5B83  
8  
9 MEDIUM GREENISH GREY, SOFT TO MODERATELY SOFT, CALCAREOUS PHYLLITE.  
10 WELL DEVELOPED MICROLITHON TEXTURE WITH GREENISH CHLORITIC LAMINAE  
11 SEPARATING GREY QUARTZ-CALCITE BANDS. UNIT CONTAINS ABUNDANT  
12 -3 CM THICK BLUE-GREY, MODERATELY CRYSTALLINE MARBLE BANDS. S2  
13 FOLIA ARE CREAMY GREEN TO SILVERY - NO GOOD GREY MICACEOUS/  
14 PHYLLITIC LAMINAE. CORE GENERALLY INTACT WITH A FEW MINOR RUBBLY  
15 ZONES. RECOVERY OK.  
16 999  
17 183 190 4 5B80  
18  
19 MEDIUM GREENISH GREY, SOFT TO MODERATELY SOFT, CALCAREOUS PHYLLITE.  
20 EXCELLENT MICROLITHON TEXTURE. PHYLLITIC MATRIX HAS DISTINCT GREEN  
21 (PALE) CAST. LACKS THE BLUE GREY MARBLE OF THE LAST UNIT #3,  
22 (167-183.5). CORE INTACT - RECOVERY OK.  
23 999  
24 190 192 5 5D0  
25 (5B80) [5B80]  
26 PALE OLIVE GREEN, CALCAREOUS, SOFT PHYLLITE. S2 FOLIA ARE PALE  
27 GREENISH CREAM. UPPER PART OF INTERVAL HOMOGENOUS. LOWER PART  
28 HAS WELL DEVELOPED MICROLITHON TEXTURE WITH QUARTZ-CALCITE LAMINAE/  
29 BANDS. CORE INTACT - RECOVERY OK.  
30 999  
31 192 260 6 5B80  
32 &3 &\$ MINOR [5B08 &3 &\$ MINOR]  
33 MEDIUM TO PALE GREENISH GREY, MODERATELY SOFT, CALCAREOUS PHYLLITE.  
34 EXCELLENT MICROLITHON TEXTURE WITH QUARTZ-CABONATE BANDS IN A  
35 CHLORITIC GREEN TO GREENISH GREY MATRIX. S2 FOLIA CREAMY GREEN  
36 THROUGH SILVERY TO LOCALLY GREY. MINOR INTERVALS WITH TAN-  
37 WEATHERING DOLOMITE IN QUARTZOSE BANDS. &3 FOR LOCAL INTERVALS  
38 OF BLUE-GREY, MODERATELY CRYSTALLINE MARBLE BANDS. BORDERLINE  
39 FENCE SITTING LITHOLOGY BETWEEN 5B08 AND 5B80. CORE INTACT TO  
40 MODERATELY BROKEN - RECOVERY OK - NO MAJOR FAULTS.  
41 999  
42 260 261 7 5D0  
43 [5B80]  
44 PALE OLIVE GREEN, MODERATELY SOFT TO SOFT, CALCAREOUS PHYLLITE.  
45 CONTAINS MICROLITHON TEXTURE WITH PALE TAN-WEATHERING CALCITE  
46 BANDS. COLOUR SUGGESTS 5D/LITHONS SUGGEST POSSIBLY 5B8. CORE  
47 INTACT - RECOVERY OK.  
48 999  
49 261 287 8 5B0  
50 (5B80) &\$ MINOR 60:40  
51 MEDIUM GREY, MODERATELY SOFT, CALCAREOUS PHYLLITE. CONTAINS INTER-  
52 BANDS WHICH ARE PALE GREENISH GREY (5B80). EXCELLENT MICROLITHON  
53 TEXTURE WITH QUARTZ-CALCITE BANDS. SHORT INTERVAL AT 274' HAS  
54 TAN-WEATHERING DOLOMITE RATHER THAN CALCITE - PROBABLY RELATED  
55 TO ABUNDANT FRACTURES AT SAME INTERVAL. S2 FOLIA RANGE FROM  
56 CREAMY GREEN, THROUGH SILVERY, TO GOOD 5B0 STEELY GREY. PROPOR-  
57 TIONS DIFFICULT TO TELL. CORE INTACT - RECOVERY OK.  
58 999

59 287 290 9 500  
60 (5B83 & BIOTITE) 65:35  
61 HOMOGENOUS, MEDIUM OLIVE GREEN, CALCAREOUS, CHLORITIC PHYLLITE.  
62 CONTAINS QUARTZ-CALCITE-CHLORITE VEIN. CORE INTACT. CENTRE OF  
63 INTERVAL IS PALE GREENISH GERY, MICROLITHONED, CALCAREOUS, CHLORITIC  
64 PHYLLITE (287.8-289.0). MINOR BLUE GREY MARBLE BANDS IN 5B8 -  
65 SOME BIOTITE AS SELVAGES TO THE MARBLE BANDS.  
66 999  
67 290 322 10 5B0  
68 &8 &8 & BIOTITE MINOR  
69 MEDIUM GREY TO GREENISH GREY, MODERATELY SOFT, CALCAREOUS PHYLLITE.  
70 EXCELLENT TO MODERATE MICROLITHON TEXTURE DEVELOPED BY QUARTZ-  
71 CALCITE BANDS. MINOR BIOTITE AS SELVAGES TO SOME CARBONATE  
72 FRACTURES. SHORT INTERVAL AT 309 DOLOMITIC - PROBABLY RELATED  
73 TO FRACTURES AT THAT INTERVAL. UNIT SHEAZES BACK AND FORTH  
74 BETWEEN GOOD GREY 5B0 AND GREENISH 5B80. CORE INTACT - RECOVERY  
75 OK.  
76 999  
77 322 333 11 5B6\$  
78  
79 MEDIUM GREY, TAN-WEATHERING, MODERATELY SOFT TO SOFT, DOLOMITIC  
80 PHYLLITE. GENERALLY PS2 FOLIATED. S2 FOLIA ARE SILVERY TO GREY.  
81 UNIT INTACT 322-326/326-EOI S2 DISRUPTED, INTERVAL BROKEN WITH  
82 SHORT INTERVALS OF S2 FOLIAFORM RUBBLE AND GOUGE, FAULT BXA  
83 AT 331.  
84 999  
85 333 336 12 5B26  
86 \$ (5D4\$) [5A6\$]  
87 DARK GREY TO BLACK, MODERATELY HARD, CARBONACEOUS PHYLLITE WITH  
88 THIN RUSTY-TAN WEATHERING DOLOMITIC BANDS. TWO VERY SMALL INTERVALS  
89 OF 5D4\$ - ONE WITH A SPOT OF FUCHSITE. 5D4\$ CONTACTS ARE FRACTURE/  
90 SMALL FAULT CONTROLLED. UNIT HEAVILY FRACTURED WITH SMALL SCALE  
91 DISPLACEMENT ALONG FRACTURES. CORE INTACT AND RECOVERY OK.  
92  
93 336 340 13 5B6  
94  
95 MEDIUM GREY, MODERATELY HARD, PS2 FOLIATED, NONCALCAREOUS PHYLLITE.  
96 MINOR DISSEMINATED PYRITE ALONG FRACTURES. UNIT HEAVILY FRACTURED.  
97 CORE INTACT.  
98 999  
99 340 346 14 4A4  
100 (4D5) 70:30  
101 TYPICAL 4A TEXTURE WITH FINE-GRAINED GREY BANDS SEPARATED BY  
102 CARBONACEOUS LAMINAE AND WITH QUARTZ-SULPHIDE BANDS. DISSEMINATED  
103 REDDISH BROWN SPHALERITE. PYRITE CONTENT VARIES WITH SOME SHORT  
104 INTERVALS BEING "FLOODED" BY FINE PYRITE. LOCALLY SOME SECTIONS  
105 ARE PALE GREY TO WHITISH ( POSSIBLE BLEACHING OF 4A TO FORM 4D5).  
106 ESTIMATED TOTAL SULPHIDES 15% WITH PYRITE EQUAL TO SPHALERITE.  
107 CORE SPLIT. APPEARED TO BE ORIGINALLY VERY BROKEN AND RUBBLY.  
108 999  
109 346 351 15 4A0  
110  
111 SIMILAR TO UNIT #14 (34-0.5-346.7) ONLY NO SPHALERITE. ESTIMATED  
112 PYRITE CONTENT APPROXIMATELY 10-15%. CORE SPLIT. ORIGINALLY VERY  
113 BROKEN AND RUBBLY. BOTTOM 2.3 FEET (349.3-351.6) IS IND GOUGE.  
114 999  
115 351 353 16 4E0  
116 BXA (4A0)  
117 CLASTS OF 4A AND MASSIVE PYRITE IN PYRITE MATRIX. CLAST SIZE  
118 GENERALLY UP TO 2CM ACROSS. CORE SPLIT. APPEARS TO BE ORIGINALLY.

119 VERY BROKEN AND RUBBLY.  
 120 999  
 121 353 367 17 5A6  
 122 (3G0) GOUGE  
 123 GOUGE AND BROKEN CORE CONSISTING OF INTERBANDED NONCALCAREOUS,  
 124 DARK GREY TO BLACK, CARBONACEOUS PHYLLITE AND MEDIUM GREY,  
 125 NONCALCAREOUS PHYLLITE. SOME FRAGMENTS OF RUSTY-WEATHERING  
 126 QUARTZ VEINS. ONE SMALL PORTION OF GOUGE IS MASSIVE FINE-GRAINED  
 127 PYRITE (4E0?). GOUGE IS IND. GOOD CANDIDATE FOR DOAL LAKE  
 128 FAULT. RECOVERY GENERALLY SEEMS OK THROUGH THIS INTERVAL.  
 129 999  
 130 367 440 18 3G0  
 131 &S MINOR  
 132 MEDIUM GREY TO DARK GREY, SOFT, NONCALCAREOUS, PS2 FOLIATED  
 133 PHYLLITE. BANDED IN SHADES OF GREY. CONTAINS RUSTY-TAN WEATHERING  
 134 INTERVALS UP TO 10 CM THICK WHICH ARE SLIGHTLY CALCAREOUS -  
 135 DOLOMITIC? CORRELATES FAVORABLY WITH PHYLLITE AT INTERVAL 456"-  
 136 497" IN DDH FAGA050. TOI-378 CORE VERY BROKEN AND RUBBLY WITH  
 137 MINOR IND GOUGE - RECOVERY OK/378 DRILLERS NOTE SAND - ESTIMATE  
 138 ABOUT 3 FEET OF NO CORE/378-379 CORE VERY BROKEN - RECOVERY OK/  
 139 379-EOI CORE MODERATELY BROKEN TO INTACT - RECOVERY OK.  
 140 999  
 141 440 463 19 3G93  
 142 (3G\$) 75:25  
 143 DARK GREY TO BLACK, MODERATELY SOFT, PS2 FOLIATED PHYLLITE.  
 144 CONTAINS BANDS WHICH ARE SLIGHTLY LIGHTER GREY - CALCAREOUS SINCE  
 145 REACT MODERATELY TO 10% HYDROCHLORIC ACID. CONTACTS OF THESE ZONES/  
 146 BANDS DIFFUSE-GRADATIONAL. INTERBANDED WITH MEDIUM GREY, SOFT  
 147 PHYLLITE WITH DIFFUSE TAN-BROWN WEATHERING DOLOMITIC BANDS (SAME  
 148 AS PREVIOUS UNIT #18 (367.3-440.5)). CORE MODERATELY BROKEN  
 149 EXCEPT INTERVAL 442"-445" WHICH IS VERY BROKEN. RECOVERY OK.  
 150 7"-459" ALSO MODERATELY TO VERY BROKEN - RECOVERY OK.  
 151 999  
 152 463 467 20 3G93  
 153 [3F90]  
 154 DARK GREY TO BLACK, MODERATELY HARD, CARBONACEOUS PHYLLITE WITH  
 155 DIFFUSE BANDS OF MEDIUM DARK GREY CARBONACEOUS MARBLE OR VERY  
 156 CALCAREOUS CARBONACEOUS PHYLLITE. BANDING ON SCALE 1-5 CM. MINOR  
 157 CALCAREOUS SILICATES OBSERVED LOCALLY. CORE MODERATELY TO VERY  
 158 BROKEN - LOCALLY FRACTURE RUNNING ALONG CORE AXIS (QUARTZ-CALCITE).  
 159 RECOVERY OK.  
 160 999  
 161 467 513 21 3G93  
 162 CALCAREOUS-SILICATY [3F9 CALCAREOUS-SILICATY]  
 163 DARK GREY TO BLACK, MODERATELY HARD, PS2 FOLIATED, CARBONACEOUS  
 164 PHYLLITE. CONTAINS NUMEROUS MEDIUM DARK GREY BANDS OF PHYLLITIC  
 165 (ARGILLACEOUS) MARBLE. BANDS ON SCALE 1-10 CM. LOCALLY CARBONATE  
 166 RICH BANDS WEATHER TAN-BROWN BUT STILL REACT WELL TO HYDROCHLORIC  
 167 ACID. SOME INTERVALS HAVE WELL DEVELOPED ANTIMONITE (? MEDIUM  
 168 EN) AND BIOTITE. VERY LOCALLY HAVE EXCELLENT MICROLITHON TEXTURE.  
 169 PYRITE FILLS CROSS-CUTTING FRACTURES. PYRRHOTITE AS IRREGULAR  
 170 FLATTENED PORPHS IN S2. CORE INTACT EXCEPT FOR MINOR BROKEN  
 171 ZONES.  
 172 999  
 173 513 529 22 3G0  
 174  
 175 MEDIUM GREY, NONCALCAREOUS, PS2 FOLIATED PHYLLITE. SOFT TO

176 MODERATELY SOFT. MINOR INTERBANDS OF MORE GRANULAR QUARTZOSE  
 177 SILTSTONES (?) UP TO 2 CM THICK. WEATHERS RUSTY BROWN ALONG PS2  
 178 FOLIA. CORE MODERATELY BROKEN TOI-525/525-E01 VERY BROKEN TO

179 RUBBLY. RECOVERY APPEARS OK.  
 180 999  
 181 529 534 23 10Q0  
 182  
 183 INTACT - RECOVERY OK.  
 184 999  
 185 534 539 24 3G90  
 186  
 187 MODERATELY HARD, DARK GREY TO BLACK, NONCALCAREOUS, CARBONACEOUS  
 188 PHYLLITE. PS2 FOLIATED. IRREGULAR, DISSEMINATED PYRRHOTITE PORPHS  
 189 ELONGATE IN S2. CORE INTACT.  
 190 999  
 191 539 547 25 3G93  
 192 CALCAREOUS-SILICATY [3G9 (3F9)]  
 193 DARK GREY TO BLACK, MODERATELY HARD TO MODERATELY SOFT, CALCAREOUS,  
 194 CARBONACEOUS PHYLLITE. CONTAINS MEDIUM DARK GREY INTERBANDS UP  
 195 TO 5-10 CM THICK WHICH ARE VERY CALCAREOUS. ABUNDANT ACTINOLITE  
 196 (MEDIUM GREEN) AND SOME BIOTITE IN MANY CALCAREOUS BANDS.  
 197 PYRRHOTITE GREATER THAN PYRITE. PORPHY ROBLASTS. CORE INTACT.  
 198 999  
 199 547 556 26 3G0  
 200 &9 CALCAREOUS-SILICATY BIOTITE  
 201 MEDIUM GREY, MODERATELY SOFT, NONCALCAREOUS PHYLLITE. CONTAINS  
 202 ABUNDANT MEDIUM GREEN ACTINOLITE (?) AND LESSER BROWN BIOTITE.  
 203 BOTH PS2 FOLIATED AND PRESERVING EXCELLENT MICROLITHONS. CONTAINS  
 204 THIN DARK GREY TO BLACK PS2 STRIPES PROBABLY REPRESENTING PRESSURE  
 205 SOLUTION. CORE INTACT. PYRRHOTITE PORPHYROBLASTS IRREGULAR-  
 206 FLATTENED IN S2 FOLIATION.  
 207 999  
 208 556 568 27 3G9  
 209 3 CALCAREOUS-SILICATY BIOTITE  
 210 DARK GREY TO BLACK, MODERATELY HARD, CARBONACEOUS PHYLLITE.  
 211 CONTAINS INTERBANDS OF MEDIUM DARK GREY, AGRILLACEOUS, CARBONACEOUS  
 212 MARBLE. ALSO QUARTZOSE CALCAREOUS BANDS WITH GREEN ACTINOLITE  
 213 AND LESSER BIOTITE. BOTH PS2 FOLIATED (DOMINANT) AND WITH MICRO-  
 214 LITHONS (LESSER). PYRRHOTITE GREATER THAN PYRITE PORPHS. CORE  
 215 INTACT.  
 216 999  
 217 568 654 28 3G90  
 218 &3 MINOR & CALCAREOUS-SILICATY & BIOTITE  
 219 DARK GREY TO BLACK, MODERATELY SOFT TO MODERATELY HARD,  
 220 CARBONACEOUS PHYLLITE. CONTAINS INTERBANDS OF MEDIUM DARK GREY  
 221 QUARTZOSE SILTSTONE (?). QUARTZOSE BANDS LOCALLY CALCAREOUS AND/  
 222 OR CALCAREOUS-SILICATY WITH ACTINOLITE. LESSER BIOTITE ASSOC-  
 223 ATED WITH ACTINOLITE. PREDOMINANTLY PYRRHOTITE PORPHS. BOTH  
 224 PS2 FOLIATED AND LOCALLY PRESERVING MICROLITHONS. CORE INTACT  
 225 TOI-652/652-E01 VERY BROKEN TO RUBBLY - NO CORE LOSS - NO  
 226 MAJOR FAULT.  
 227 999  
 228 654 659 29 3G0  
 229  
 230 MEDIUM GREY TO MEDIUM DARK GREY, NONCALCAREOUS, SOFT PHYLLITE.  
 231 BOTH PS2 FOLIATED AND LOCALLY PRESERVING MICROLITHONS. RUSTY  
 232 WEATHERING ALONG PS2 FOLIA - THIN STREAKS. CORE MODERATELY TO

233 VERY BROKEN - RECOVERY OK.  
234 999  
235 659 668 30 3G93  
236 (3F0) 90:10 & CALCAREOUS-SILICATY  
237 DARK GREY TO BLACK, MODERATELY SOFT TO MODERATELY HARD, CALCAREOUS,  
238 CARBONACEOUS PHYLLITE. BOTH PS2 FOLIATED AND MICROLITHONED LOCALLY.

239 MINOR ACTINOLITE LOCALLY IN CALCAREOUS QUARTZOSE BANDS. CONTAINS  
240 INTERBANDS OF MEDIUM GREY, FINELY CRYSTALLINE MARBLE. TOI-662  
241 CORE MODERATELY BROKEN/662-666 VERY BROKEN TO LOCALLY RUBBLY/  
242 666-EOI INTACT.  
243 999  
244 668 682 31 3G0  
245 &3 CALCAREOUS-SILICATY BIOTITE  
246 MEDIUM GREY, MODERATELY HARD WITH MINOR CALCAREOUS INTERBANDS.  
247 NUMEROUS QUARTZOSE INTERBANDS. WELL DEVELOPED GREEN ACTINOLITE  
248 AND BROWN BIOTITE GENERALLY DISSEMINATED IN MORE QUARTZOSE BANDS.  
249 COMMONLY HAS MICROLITHON TEXTURE. PYRRHOTITE IRREGULAR-ELONGATE  
250 IN S2 FOLIA. CORE INTACT.  
251 999  
252 682 688 32 3G93  
253 CALCAREOUS SILICATY & BIOTITE  
254 DARK GREY TO BLACK, MODERATELY HARD, PS2 FOLIATED, CARBONACEOUS  
255 PHYLLITE. CONTAINS INTERBANDS OF MEDIUM TO MEDIUM DARK GREY MARBLE.  
256 ALSO HAS BANDS RICH IN ACTINOLITE & BIOTITE. COMMONLY CALCAREOUS-  
257 SILICATY ASSOCIATED WITH QUARTZ-LOCALLY LOOKS LIKE AMPHIBOLE HAS  
258 BLUISH ASPECT. CALCAREOUS-SILICATES ALSO DISSEMINATED IN CALCAREOUS  
259 BANDS. CORE INTACT. PYRRHOTITE PORPHS.  
260 688.0 707.3 33 3G90  
261 CALCAREOUS SILICATY  
262 DARK GREY, MODERATELY HARD, NONCALCAREOUS, CARBONACEOUS PHYLLITE  
263 WITH ABUNDANT QUARTZOSE INTERBANDS. QUARTZOSE BANDS CONTAIN  
264 DISSEMINATED ACTINOLITE-BIOTITE NOT OBSERVED. PS2 STRIPED WITH  
265 CARBONACEOUS BANDS BETWEEN LIGHTER MORE QUARTZOSE BANDS. PYRRHOTITE  
266 PORPHS IRREGULAR AND ELONGATE IN S2. CORE INTACT. WEATHERS WITH  
267 GREENISH YELLOW SPLOTCHES IN S2 APPARENTLY RELATED TO PYRRHOTITE  
268 WEATHERING.  
269 999  
270 707.3 719.0 34 3G0  
271 CALCAREOUS SILICATY BIOTITE  
272 MEDIUM GREY, MODERATELY SOFT, NONCALCAREOUS PHYLLITE. PS2  
273 FOLIATED WITH SLIGHTLY DARKER MICACEOUS STRIPES BETWEEN MORE  
274 QUARTZOSE BANDS. BIOTITE AND ACTINOLITE DISSEMINATED IN MORE  
275 QUARTZOSE BANDS. MINOR PYRRHOTITE PORPHS ELONGATE IN S2. CORE  
276 INTACT.  
277 999