

(feet)

1 0.0 93.5 1 #
 2 OVERBURDEN - MINOR GRANITE PLUTON AND BIOTITE DIORITE
 3 999
 4 93.5 98.0 2 50\$ \$
 5 FOLIATED (5B69) 95:05
 6 LIGHT BROWN WEATHERING, MEDIUM GREENISH GREY - LIGHT GREY DOLOMITIC
 7 PATCHES ENCLOSED BY MEDIUM DARK GREY-GREEN CHLORITIC ANASTAMOSING
 8 FOLIA. INTERLAYERED WITH MEDIUM GREY, PS2 FOLIATED, NONCALCAREOUS
 9 PHYLLITE. BROKEN - LIKE TOP OF HOLE - RECOVERY OK.
 10 999
 11 98.0 106.5 3 580\$
 12 &2 MINOR
 13 MEDIUM TO DARK MEDIUM GREY, STRONGLY S2 FOLIATED, SOFT PHYLLITE
 14 CONTAINING BANDS/LITHONS OF QUARTZ-CALCITE-DOLOMITE. DOLOMITE
 15 WEATHERS LIGHT ORANGE-TAN. SOME DOLOMITE BANDS ARE D2 FOLDED
 16 QUARTZ-DOLOMITE VEINS. MODERATELY BROKEN TO POKER CHIPPY/
 17 RECOVERY OK.
 18 999
 19 106.5 117.3 4 50\$
 20 FOLIATED
 21 LIGHT TO MEDIUM ORANGE-TAN WEATHERING, DOLOMITIC, HIGHLY FOLIATED
 22 METABASITE SIMILAR TO UNIT #2 (93.5-98). GOOD LITHON STRUCTURE IN
 23 UNIT CORE. INTACT - GOOD RECOVERY.
 24 999
 25 117.3 118.0 5 5880\$
 26 (5FC)
 27 2" STRONGLY BANDED, POSSIBLY TUFFACEOUS PHYLLITE GRADING RAPIDLY
 28 DOWN TO MEDIUM LIGHT GREENISH GREY, CALCAREOUS PHYLLITE WITH LITHON
 29 STRUCTURE. QUARTZ-CALCITE-DOLOMITE IN SILTSTONE LITHONS. APPEARS
 30 TO BE ALTERED METABASITE EDGE. INTACT.
 31 999
 32 118.0 168.5 6 580\$
 33 2 (10QC) 90:10
 34 MEDIUM TO DARK MEDIUM GREY, SOFT, PHYLLITE WITH EXCELLENT LITHONS/
 35 FOLIAFORM BANDS CONSISTING OF QUARTZ-CALCITE-DOLOMITE. CARBONATES
 36 WEATHER ORANGE-TAN. SOME BANDS APPEAR TO HAVE MINOR GREEN POSSIBLE
 37 ACTINOLITE. MINOR SD4* BANDS - ESPECIALLY 6" AT 143'. ROCK BECOMES
 38 MORE CARBONACEOUS DOWN HOLE AND HAS BETTER DEVELOPED LITHONS WITH
 39 MORE OBVIOUS GREEN ACTINOLITE. QUARTZ VEIN MATERIAL ABUNDANT
 40 158'-165'. CORE INTACT EXCEPT RUBBLY AND MODERATELY BROKEN ASSOC-
 41 IATED WITH QUARTZ VEIN - 2' CORE LOSS THERE. OTHERWISE RECOVERY
 42 OK.
 43 999
 44 168.5 192.5 7 582\$
 45 &0
 46 MODERATELY SOFT, DARK GREY/MEDIUM GREY PHYLLITE WITH WELL DEVELOPED
 47 QUARTZ-DOLOMITE & MINOR CALCITE LITHONS. CARBONATE WEATHERS ORANGE-
 48 TAN/FIZZES WEAKLY IN WARM 10% HYDROCHLORIC ACID. PORPHS LARGELY
 49 PYRITE. CORE SLIGHTLY BROKEN TO INTACT - RECOVERY OK.
 50 999
 51 192.5 214.0 8 5862
 52 &\$ MINOR
 53 GENERALLY NEARLY PS2 FOLIATED, MEDIUM DARK TO DARK GREY,
 54 NONCALCAREOUS PHYLLITE WITH MINOR QUARTZ & MINOR DOLOMITE & MINOR
 55 calcite PRESERVED. PYRITE AND PYRRHOTITE IN PORPH. VERY
 56 GRADATIONAL UPPER CONTACT. CORE INTACT TOI-212.5/212.5-21 MODERATELY
 57 BROKEN TO INCIPIENT GOUGE - ROCK AT END STRONGLY SHEARED WITH
 58 SHEARING POSSIBLY DISRUPTING S2 BUT NOT BEING GENERALLY IN S2

oops, sorry

59 DIRECTION. LOWER CONTACT CRUDELY S2 PARALLEL.
60 999
61 214.0 217.0 9 4K124
62 (4K89 AS PYRITE) 70:30
63 MIXTURE 4L124 AND 4K9 ARSENOPYRITE. 4L - MODERATELY HARD TO
64 MODERATELY SOFT, QUARTZ-MUSCOVITE-CHLORITE (?) - PYRITE-SPHALERITE
65 BLEACHED PHYLLITE INTERLEAVED WITH LESSER BIXIATED NEARLY MASSIVE
66 PYRITIC SULPHIDES WITH CLASTS OF ANKERITE (POSSIBLE \$) FRESH
67 FLESH - WEATHERS ORANGE - FIZZES IN 20% HYDROCHLORIC ACID ONLY
68 WHEN POWDERED. 10-15% DISSEMINATED ARSENOPYRITE IN PYRITIC
69 MATRIX. CARBONATE CLASTS HAVE CROSS-CUTTING FRACTURES WITH
70 CHLACOPYRITE. SHOULD ASSAY FOR GOLD. SPLIT/ORIGINALLY INTACT.
71 POSSIBLE LATE D2 SILP ALONG UPPER CONTACT.
72 999
73 217.0 231.0 10 4K1\$
74 BXA (4C089)
75 BXA PF CARBONATE AND VARIABLY CARBONATE BEARING LIGHT CREAM
76 GREEN PYRITIC QUARTZITE AND FLESH COLOURED DOLOMITE FLASHING
77 IN FINE GRAINED, GENERALLY MASSIVE (LOCALLY FOLIATED) PYRITIC
78 MATRIX WITH MINOR ARSENOPYRITE. CAN'T ALWAYS TELL LARGE CLASTS FROM
79 INTERBANDS - POSSIBLY ALL BXA. SOME QUARTZ-CARBONATE CLAST
80 HAVE CHALCOPYRITE BEARING CROSS-CUTTING FRACTURES. S2 FOLIATION
81 RANDOMLY ORIENTED CLASTS. SPLIT-INACT.
82 999
83 231.0 235.0 11 4L6
84 (4E1) BXA 80:20
85 LARGELY MODERATELY SOFT, LIGHT GREEN-CREAM MUSCOVITE-CHLORITE(?)
86 PHYLLITE WITH MINOR QUARTZ-CARBONATE BXA WITH PYRITIC MATRIX.
87 OVERALL PROB. LARGE CLASTS IN SULPHIDE MATRIX BXA. SPLIT
88 AND MANGLED - RECOVERY OK. LOCALLY ABUNDANT ARSENOPYRITE IN
89 BXA FRAGMENTS.
90 999
91 235.0 250.5 12 4K\$9
92 &4 BXA (4E46? POROUS) (4C9) BOTH MINOR
93 BXA WITH FINE BARREN PYRITIC MATRIX. CLASTS LARGELY FLESH
94 COLOURED DOLOMITE - CROSS CUTTING CHALCOPYRITE IN FRACTURES IN
95 DOLOMITE - ALSO STRINGERS AND BLEBS. NO ARSENOPYRITE NOTED.
96 SHORT SECTIONS OF BASE METAL BEARING, PYRITIC MASSIVE SULPHIDES -
97 VUGGY - COULD BE CLASTS - LEACHED BARITE? MATRIX ONLY WEAKLY
98 FOLIATED WITH LOCAL FOLIATED ZONES. TOWARDS BASE PROBABLE CLASTS
99 OF HARD, LIGHT GREY QUARTZITE WITH 15% DISSEMINATED PYRITE, MINOR
100 SPHALERITE, MINOR CHALCOPYRITE. CHALCOPYRITE-SPHALERITE
101 ESPECIALLY NEAR MARGINS OF POSSIBLE CLASTS. SPLIT ORIGINALLY
102 INTACT TO MODERATELY BROKEN.
103 999
104 250.5 263.0 13 4E0
105 &\$ MINOR (4E4 POROUS &6) (4K\$ BXA) 80:20:TRACE
106 DOMINANTLY BARREN, FINE GRAINED, WEAKLY FOLIATED PYRITE WITH
107 PATCHES OF FLESH DOLOMITE AND PATCHES WITH INTERSTITIAL BASE
108 METALS. INTERVALS OF LARGER AMEBOID FLESH DOLOMITE (4K). THREE
109 INTERVALS OF FEW INCHES TO 1 1/2" WITH GOOD GRADE - INTERBANDS OF
110 HIGH GRADE 4E4 POROUS WITH POSSIBLE BARITE. MAY BE OVERALL
111 CONTINUATION OF ABOVE SULPHIDE BXA, ABRUPT DECREASE IN BXA FRAGMENTS.
112 LOWER CONTACT ARBITRARY - MARKS CHANGE TO MORE CONTINUOUS, VUGGY HIGH
113 GRADE SULPHIDES. SPLIT ORIGINALLY INTACT - MINOR LOCAL GOUGE.
114 4L GOUGE LUMPS PRESENT.
115 999
116 263.0 276.0 14 4E4

1200

117 PORCUS 6?
 118 STRONGLY BANDED TO HOMOGENOUS MASSIVE SULPHIDES WITH VERY GALENA
 119 RICH AND SPHALERITE RICH BANDS ALTERNATING WITH PYRITE RICH BANDS.
 120 SHORT INTERVALS OF LIGHT COLOURED, POSSIBLE BARITIC SULPHIDES.
 121 SPLIT-INTACT. SIMILAR TO HIGH GRADE ZONES IN LAST UNIT. BANDING/
 122 FOLIATION AT DIVERSE ANGLES TO CORE AXIS.
 123 999
 124 276.0 277.2 15 5A6
 125 (5C4*) 80:20
 126 SOFT, DARK GREY TO BLACK, NONCALCAREOUS, PS2 FOLIATED PHYLLITE.
 127 CUT BY PYRITE FILLED FRACTURES. VERY BROKEN.
 128 999
 129 277.2 280.7 16 4K\$\$
 130 BXA
 131 PYRITE MATRIX BXA WITH IRREGUALR FRAGMENTS FLESH DOLOMITE.
 132 PYRITE IN MATRIX FINE AND GRANULAR. MINOR LEAD/ZINC. 45% TOTAL
 133 SULPHIDES. SPLIT ORIGINALLY INTACT.
 134 999
 135 280.7 283.3 17 4E4
 136 PORCUS 6?
 137 AS UNIT #14 (264-276) SPLIT/INTACT
 138 999
 139 283.3 286.7 18 4D0
 140 &5 GOING TO 4A4
 141 MEDIUM TO LOCALLY DARK GREY QUARTZITE WITH 10% DISSEMINATED TO
 142 BANDED PYRITE AND 10% SPHALERITE AND MINOR GALENA IN BANDS PARALLEL
 143 TO S1, S2 AND ALONG FRACTURES. SPLIT-INTACT, HARD HIGH GRADE.
 144 999
 145 286.7 293.0 19 4D3
 146 GOING TO 4E14 (5C\$ 84 FUSCHITE) (4G4) 50:40:10
 147 SPLIT-INTACT.
 148 999
 149 293.0 297.7 20 5D4\$
 150 (10Q\$) 80:20
 151 LIGHT GREENISH CREAM, HIGHLY ALTERED AND BLEACHED, PS2 FOLIATED
 152 PHYLLITE WITH MINOR "FUCHSITE". CONTAINS MANY THIN QUARTZ-CARBONATE
 153 VEINS PARALLEL TO FOLIATION - LOCALLY UP TO 6" THICK. MODERATELY
 154 BROKEN - NO FAULTS.
 155 999
 156 297.7 300.3 21 4A4
 157 &1
 158 SPLIT-INTACT. &1 FOR WELL DEVELOPED DARK GREY, FINE CHERTY BANDS.
 159 20% TOTAL SULPHIDES. PYRITE EQUAL TO SPHALERITE, WELL BANDED.
 160 999
 161 300.3 306.5 22 10Q\$9
 162 SPHALERITE,GALENA,CHALCOPYRITE,FUCHSITE (5D4* FUCHSITE) 60:40
 163 2' RECOVERED/LOSS ASSUMED NEAR 302 - UNDERLYING UNIT ASSUMED
 164 "INTACT" SPLIT/MODERATELY BROKEN TO RUBBLY/PROBABLY NOT SIGNIFICANT
 165 FAULT - DESPARATE IF NEEDED AS MAJOR FAULT IN CROSS SECTION.
 166 999
 167 306.5 316.5 23 4E4
 168 & POROUS &# &6 &8 MINOR (5C4*) 85:15
 169 MODERATELY TO STRONGLY BANDED, MASSIVE, VARIABLY BARITIC AND
 170 MAGNETITE, LOCALLY PATCHILY CALCAREOUS, MASSIVE SULPHIDES. MINOR
 171 QUARTZ-CARBONATE CLASTS. 5 THIN INTERBANDS OF CARBONATED, HIGHLY
 172 FOLIATED METABASITE WITH "FUCHSITE" - 3"-6" BUT UP TO 1'. SULPHIDES
 173 APPROACH 4G8. SPLIT - LOCL ZONES SPLITTER INDUCED RUBBLE.
 174 RECOVERY ASSUMED OK.

175 999
 176 316.5 319.3 24 4A4
 177
 178 20% TOTAL SULPHIDES SPHALERITE-PYRITE. LOCALLY EXCELLENT SEG-
 179 REGATION OF SULPHIDES INTO S2 PARALLEL BANDS - SPHALERITE RICH
 180 AND PYRITE RICH BANDS. PHOTOS TAKEN. SPLIT-INTACT.
 181 999
 182 319.3 338.2 25 4C9
 183 &3 &5 (4D9 &3) GOING TO 4A4 LOCALLY
 184 HARD, MODERATELY BANDED, LOCALLY WELL FOLIATED, PYRITIC - LOCALLY
 185 BASE-METAL BEARING QUARTZITE. MEDIUM GREY TO LIGHT GREY S2 FOLIA
 186 SURFACES. LOCALLY EXCELLENT SULPHIDES SPECIES SEGREGATIONS IN
 187 BANDS - I.E. PYRITE RICH AND SPHALERITE RICH. 17 SECTIONS VERY
 188 SULPHIDES RICH APPROACH 4E1. 30% TOTAL SULPHIDES - SPHALERITE
 189 AND PYRITE 1:5. 9 FOR CHALCOPYRITE IN SMALL VEINLETS CROSS-
 190 CUTTING S2 - LOCALLY AS IRREGULAR PATCHES ALONG S2 - SOMETIMES
 191 ASSOCIATED WITH PYRITE IN CROSS-CUTTING VEINLETS. LOOKS LIKE
 192 ALTERED 4A. GRADATIONAL UPPER CONTACT. SPLIT-GOOD RECOVERY-
 193 ORIGINALLY INTACT.
 194 999
 195 338.2 343.0 26 4E4
 196 &# MINOR & POROUS (5C4\$) MINOR
 197 WELL BANDED, PYRITIC, MASSIVE SULPHIDES WITH GALENA AND SPHALERITE
 198 RICH BANDS. LOCALLY VUGGY CALCITE BEARING BANDS. LAST 1' CONTAINS
 199 FLOATING CLASTS OF QUARTZ AND CARBONATE ALONG FOLIATION. FAIR
 200 AMOUNT OF QUARTZOSE BANDING IN LAST 1' - GRADATION TO NEXT UNIT.
 201 SPLIT/INTACT.
 202 999
 203 343.0 356.6 27 4C0
 204 &9 MINOR (4D0)
 205 OFF-WHITE TO LIGHT GREY, VARIABLY BANDED, DS2 FOLIATED LOCALLY.
 206 AVERAGE SULPHIDE CONTENT 25% - LOCAL ZONES 50%. BASE METAL
 207 DISTRIBUTION IRREGUALR - SHORT INTERVALS HIGH GRADE. S2 FOLIA
 208 OFF-WHITE WITH SLIGHT GREENISH TINGE - LOCALLY GREY. IMPRESSION
 209 OF ALTERED 4A. CS2 LOCALLY BUT BANDING GENERALLY PARALLEL TO
 210 S2 - IMPLIES ROTATION OF S1/S0/TRANSPOSITION? TOTAL SULPHIDES
 211 20-25%. PYRITE-SPHALERITE RATIOS ARE QUITE VARIABLE - LOCALLY
 212 1:1, GENERALLY IT IS MORE PYRITE RICH. SPLIT-INTACT.
 213 999
 214 356.6 370.4 28 5B6
 215 &4 &8 (5D4*) (4L6:MINOR) 75:25:TRACE
 216 STRONGLY FOLIATED, GENERERALLY PS2 TO MICROLITHONED CS2, MEDIUM
 217 TO LIGHT MEDIUM GREY, PATCHILY CALCAREOUS, HIGHLY OXIDIZED, SOFT,
 218 ALTERED LOOKING PHYLLITE. CONTAINS BLOOD RED (HEMATITE?) RUSTY
 219 WEATHERING GRANULAR BANDS WHICH DON'T FIZZ IN 20% (ANKERITE?).
 220 INTERLEAVED WITH ORANGE-TAN WEATHERING, SOFT, VARIABLY CALCAREOUS,
 221 LIGHT CREAM-GREEN PHYLLITES - 5D4. VERY FRACTURED AND CALCITE-
 222 QUARTZ VEINED. CORE MODERATELY BROKEN WITH LOCAL RUBBLE/
 223 INCIPIENT GOUGE ZONES. 4L FOR SMALL AMOUNT OF BASE - LOWER
 224 CONTACT SHARP AND S2 FOLIAFORM. UPPER CONTACT DRILLED AWAY. ROCKS
 225 NEAR GOUGE LOOK SHEARED AND BXIATED. SUGGEST TIGHTLY PINCHED
 226 INFOLD OF LAST ROCK - BUT NO GOOD SYMMETRY TO INTERACTION. UNIT
 227 PROBABLY DERIVED FROM VANGORDA FM - BUT DOESN(T LOOK LIKE GOOD
 228 5B0. MINOR 4D BANDS AT BASE OF THIS UNIT.
 229 999
 230 370.4 372.0 29 4E4
 231 POROUS # MINOR \$? &6? MINOR
 232 SAME BANDS OF HONEY COLOURED SPHALERITED ASSOCIATED WITH LIGHT

233 BANDS WHICH DON'T FIZZ (&6?). SPLIT-ORIGINALLY INTACT.
 234 999
 235 327.0 400.8 30 4D9
 236 MINOR GOING TO 4D5 GOING TO 4A4 (5D4*) MINOR
 237 SPLIT - ORIGINALLY INTACT. 5D4* AS 2 BANDS (2" AND 8") AND MINOR
 238 S2 FOLIAFORM LAYERS 1/2" THICK. UNIT OVERALL VERY HARD, WELL
 239 BANDED, LOCALLY CS2 FOLIATED - GENERALLY BANDED PARALLEL TO S2-
 240 LIGHT GREY-MEDIUM GREY TO BLACK, SULPHIDIC QUARTZITE WITH OVERALL
 241 20% TOTAL SULPHIDES. RATIO PYRITE/SPHALERITE RANGES FROM 1:1
 242 TO INFINITY. FADES IN AND OUT OF 4CD TO 4A - ABOUT 30% 4A. LAST
 243 2' CONTAINS FAULT BXA - PROBABLY RELATED TO UNDERLYING UNITS.
 244 OVERALL GRADE 4-6% LEAD AND ZINC. DRAMATIC GRADE DROP AT ABOUT
 245 375, 4D-4A4 ABOVE/4C-4A0 BELOW. FEWER METABASITES THAN UNIT
 246 NEAR 350' UP THE DDH.
 247 999
 248 400.8 402.2 31 5D4*
 249 9 PYRITE (4E4) (4K\$) MINOR
 250 INTERBANDING OF MASSIVE PYRITIC SULPHIDES AND ALTERED METABASITE.
 251 POSSIBLE VEINS. SPLIT - LOCALLY RUBBLY.
 252 999
 253 402.2 404.0 32 4K4\$
 254
 255 MASSIVE PYRITIC SULPHIDES WITH FLES CLASTS/AUGEN OF DOLOMITE
 256 AND PATCHY GALENA-SPHALERITE. SPLIT-INTACT.
 257 999
 258 404.0 405.5 33 4D3
 259 (4E4 \$ MINOR & POROUS) 70:30
 260 SPLIT-INTACT
 261 999
 262 405.5 414.0 34 4A4
 263 (4L6 MINOR) (5B62 MINOR)
 264 SPLIT-NOW VERY BROKEN/LOCALLY RUBBLY AND INCIPIENT GOUGE. FAULT
 265 BXA WITH S2 FOLIATED RANDOMLY ORIENTED CLASTS IN HAR TO SOFT ROCK
 266 FLOUR MATRIX. BXAITION OF ORE ZONE RELATED TO UNDERLYING MAJOR
 267 FAULT. RECOVERY OK.
 268 999
 269 414.0 457.5 35 3G9
 270 GOING TO 5A0 GOUGE FAULT BXA
 271 ENTIRELY DARK GREY GOUGE OF PHYLLITE CHIPS AND QUARTZ VEIN
 272 FRAGMENTS IN INCOHERENT SCALY, ROCK POWDERY ROCK FLOUR MATRIX.
 273 FRAGMENTS DIVERSELY ORIENTED - COMMON ORIENTATION OF 40-60 DEGREES
 274 TO CORE AXIS. TOTAL INTERVAL GOUGE - MINOR INTACT PHYLLITE
 275 FRAGMENTS. RECOVERY 66% - MAJOR CORE LOSS AT TOP.
 276 999
 277 457.5 465.0 36 5D4*
 278 (3G4) MINOR GOUGE
 279 CONTINUATION OF ABOVE GOUGE AND BXA. INTERNAL PLATINESS/
 280 FRAGMENT ELONGATION 45-70 DEGREES CORE AXIS. RECOVERY OK.
 281 999
 282 465.0 476.0 37 3G0
 283 89 (3B4*) GOUGE
 284 CONTINUATION OF ABOVE GOUGE AND BXA. LOCALLY 45-60 DEGREES
 285 FISSILITY TO GOUGE. LAST 2' IS SAND. RECOVERY GOOD. LAST 3
 286 UNITS - DOAL LAKE FAULT.
 287 999
 288 476.0 511.0 38 3G93
 289 GOING TO 5A LOCALLY (5D4*) MINOR
 290 DARK GREY TO LOCALLY BLACK, PS2 FOLIATED, SLIGHTLY CALCAREOUS,

291 TO LOCALLY MODERATELY CALCAREOUS PHYLLITE. MODERATELY SOFT WITH
292 LOCAL HARDER, RUSTY WEATHERING MORE GRANULAR BANDS/LITHONS.
293 ALSO HAS DOLOMITE FLASH. MODERATELY BROKEN WITH RUBBLE IN TOP
294 8" - RELATED TO ABOVE FAULT. BELOW THAT INTACT. SD IS 1" THICK
295 PS2 PARALLEL BAND. CORRELATES WITH VARIABLY CALCAREOUS, CARBONACEOUS
296 MEMBER LOWER IN MT. MYE UNIT IN THIS AREA.
297 999
298 511.0 513.0 39 3F9
299
300 STRONGLY PS2 FOLIATED, DARK GREY TO BLACK MARBLE WITH MEDIUM GREY
301 COMPOSITIONAL STRIPING PARALLEL TO S2 AND SMALL WHITE QUARTZ
302 AUGEN ALONG S2 GIVING DISTINCTIVE APPEARANCE. TYPICAL OF 3F9
303 IN SURROUNDING HOLES. SAMPLE OF UNIT TO GSC FOR CONODONTS.
304 MINOR PYRITE ALONG S2 FOLIA. UNIT INTACT.
305 999
306 513.0 520.0 40 3G93
307
308 SAME AS UNIT #38 (476'-511'). S2 LOCALLY AT ACUTE ANGLE TO CORE
309 AXIS. LOCAL FAULT BXA. CORE MODERATELY BROKEN TO RUBBLY
310 WITH 70% CORE RECOVERY.
311 999
312 EOH
313 999