

BXA = Breccia

S = Sulphides

1 313 317 1 3G4
 2 WEAK SPECKLED (5C4\$)
 3 MODERATELY HARD TO MODERATELY SOFT, LIGHT TO MEDIUM GREY, MOO-
 4 ERATELY LITHONEO TO LOCALLY PS2 FOLIATED, NONCALCAREOUS, HOMOGENOUS
 5 PHYLLITE. S2 SURFACES STEELY GREY TO DARK MEDIUM STEELY GREY.
 6 CORE WEATHERS WITH REDDISH STREAKS ALONG S2 - MOST OF WHICH CLEANS
 7 OFF IN 20% HYDROCHLORIC ACID. CONTAINS ANKERITE VEINS AND POSSIBLY
 8 ANKERITE SPECKLES. 5C4\$ IS 15 CM INTERVAL ABOUT 0.3 M FROM UNIT
 9 END. CORE INTACT. ALTERED FOOTWALL.
 10 999
 11 317 321 2 4L6\$
 12 ~~GOING TO (4L024\$) GOING TO (3G4) (5D4\$) MINOR~~
 13 MODERATELY HARD TO MODERATELY SOFT, LIGHT TO MEDIUM GREENISH GREY,
 14 GENERALLY PS2 FOLIATED, MUSCOVITE-CHLORITE PHYLLITE. DISSEMINATED
 15 TO BANDED DOLOMITE AND/OR ANKERITE? S2 SURFACES ARE SILVERY LIGHT
 16 GREENISH TO OFF-WHITE, TO SILVERY SLIGHTLY GREENISH GREY. CONTAINS
 17 SHORT INTERVALS CREAM-COLOURED MUSCOVITE RICH PHYLLITES WITH MINOR
 18 QUARTZ-PYRITE & SPHALERITE BANDS FORMING D2 FOLDS. ONE THIN 5D4\$ (5CM)
 19 NEAR BOTTOM OF INTERVAL. INTACT. ALTERTEO FOOTWALL.
 20 999
 21 321 324 3 3G4\$
 22 ~~SPECKLED MINOR (5D4\$) MINOR (4L2) 80:20~~
 23 SIMILAR TO UNIT #1, MEDIUM GREY, NONCALCAREOUS, PS2 FOLIATED TO
 24 MODERATELY LITHCNEO PHYLLITE WITH DISSEMINATED PINK POSSIBLE
 25 ANKERITE IN BANDS AND ISOLATED PORPHS AND FRACTURES AND VEINS.
 26 WEATHERS RUSTY RED BUT CLEANS WITH 20% HYDROCHLORIC ACID. 5D4\$
 27 AND 4L2 IN LAST 2" OF UNIT. 4L IS 2" IN 10" UNIT. NOT AS
 28 OBVIOUSLY SPECKLED AS UNIT #1. INTACT TO MODERATELY BROKEN IN
 29 LAST 5".
 30 999
 31 324 331 4 4A0
 32 ~~83 84~~
 33 83 FOR SHORT INTERVALS, GENERALLY 1/2M WITH MORE THAN 30% PYRITE.
 34 84 FOR SIMILAR SIZE INTERVAL WITH SPHALERITE. OVERALL UNIT <5%
 35 LEAD AND ZINC. TOTAL SULPHIDES 15-20%. LAST 1/2 OF UNIT VERY
 36 RICH IN QUARTZ-SULPHIDE BANDS - COULD BE CALLED 4A10 QUARTZ-SULPHIDE.
 37 UPPER 0.5M VERY POKER CHIPPY AND LACKS GOOD, HARD DARK GREY BANOS-
 38 RATHER HAS SOFTER MICACEOUS BANDS. LAST 0.5M BLEACHED AGAINST
 39 UNDERLYING UNIT AND CONSISTS OF WHITE MICACEOUS PYRITIC QUARTZITE.
 40 PYRITE DOMINANT 5-10% TOTAL SULPHIDES. UNIT IS HALF SPLIT.
 41 ENTIRELY INTACT.
 42 999
 43 331 332 5 5C4\$
 44 (10Q9 PYRITE) 60:40 ~~delete~~
 45 UPPER 1/2 VERY STRONGLY RUSTY WEATHERING, INCIPIENT GOUGE, ALTERED
 46 LEPOARO ROCK WITH MINOR FUCHSITE. LOWER 40% OF UNIT QUARTZ VEIN
 47 APPROXIMATELY PARALLEL TO S2. INCIPIENT GOUGED IN CENTRE - NO
 48 FAULTS.
 49 999
 50 332 333 6 4E4\$
 51 \$ MINOR (4A0)
 52 NEARLY MASSIVE, MODERATELY FOLIATED, WEAKLY BANDED, SLIGHTLY
 53 DOLOMITIC, SLIGHTLY BARITIC, NEARLY MASSIVE SULPHIDE. CLASTS OF
 54 5C4 FUCHSITIC - ALSO BANOS. LOWER CONTACT SHARP PARALLEL TO S2 -
 55 LOCALLY INTRUSIVE INTO PHYLLITES. SUSPECT MUCH FLOES IN UNIT.
 56 SPLIT - ORIGINALLY INTACT, NO FAULTS.
 57 999
 58 333 338 7 5B6

* put in decimals for *
unit intervals

59 85 82
 60 MEDIUM GREY, NONCALCAREOUS, DOLOMITIC, MODERATELY HARD TO MODERATELY
 61 SOFT, LITHONED TO PS2 FOLIATED PHYLLITE. S2 SURFACES DARK TO
 62 MEDIUM STEELY GREY. PHYLLITE DARK COLOURED IN UPPER METERS. LAST
 63 1/2 SPLIT. LAST 5.5 FEET VERY BROKEN, POKER CHIPPY, 60% RECOVERY.
 64 999
 65 338 338 8 4G4\$

66
 67 WEAKLY BANDED AND FOLIATED MASSIVE BAS^RITIC SULPHIDE. HONEY COLOURED
 68 SPHALERITE. FIZZES WEAKLY TO MODERATELY IN 20% HYDROCHLORIC ACID.
 69 SPLIT INTACT, MODERATELY BEINED AND CRACKLE OXIATED.
 70 999
 71 338 343 9 5B62\$ *brecciated*

72
 73 DARK GREY, WELL LITHONED-PS2 FOLIATED LOCALLY, DOLOMITIC, NON-
 74 CALCAREOUS PHYLLITE. TAN WEATHERING OFF WHITE (FRESH) THIN QUARTZ-
 75 DOLOMITE BANDS FORMING LITHONS SEPARATED BY BLACK MICACEOUS
 76 PHYLLITE. TYPICAL BASAL VANGOROA MARKER OVER GRUM DEPOSIT.
 77 MODERATELY TO STRONGLY BROKEN, LOCALLY POKER CHIPPY - MAY REFLECT
 78 FLOW IN ADJACENT MASSIVE BAS^RITIC SULPHIDE.
 79 999

80 343 344 10 4G\$4
 81 8#

82 MODERATELY TO WEAKLY BANDED, SLIGHTLY CARBONATE BEARING, MASSIVE
 83 BAS^RITIC SULPHIDES. HONEY COLOURED SPHALERITE. UPPER CONTACT LOST
 84 IN RUBBLE - VUGGY, POROUS SULPHIDES. LOWER CONTACT SHARP PARALLEL
 85 TO S2 AGAINST 0.2M OF BLEACHED 4L PHYLLITE. SPLIT ORIGINALLY
 86 INTACT. CUT BY CALCAREOUS CRACKLE OXIATED VEINS.
 87 999

88 344 351 11 5B62
 89 \$ *brecciated*

90 DARK GREY, MODERATELY LITHONED, DOLOMITIC, GENERALLY NONCALCAREOUS
 91 PHYLLITE. SIMILAR TO UNIT #9. HAS SMALL BLACK CHERT NODULE.
 92 HAS A 2CM SD BAND. TOI-1146.5 INTACT/1146.5-1149 ^{rubble} VERY BROKEN -
 93 MINOR STEEP FAULT/1149-EOI INTACT. LOWER CONTACT SHARP PARALLEL
 94 S2 AND INVOLVES SOME SULPHIDE INTRUSION INTO S2. MASSIVE
 95 PYRRHOTITE FOR 5CM AT CONTACT. S2 FOLIA DARK STEELY GREY TO
 96 DARK MEDIUM STEELY GREY. MINOR PYRITE AS PORPHS - IRREGULAR SHAPE.
 97 999

98 351 353 12 4E4\$
 99 MINOR

100 HOMOGENOUS, FINE-GRAINED, WEAKLY BANDED, PYRITIC MASSIVE SULPHIDE.
 101 SPLIT INTACT. CONTAINS SOME DOLOMITE - SCRATCHABLE WHITE MINERAL
 102 DISSEMINATED IN PYRITE WHICH FIZZES SLIGHTLY. TOP 10CM IS PYRR-
 103 HOTITE. *delete*

104 999
 105 353 355 13 5C\$7

106 84 (4E4) MINOR INTACT TO *put in a period*
 107 SPLIT-TRASHY-INCIPIENTLY GOUGED. LEPOARD ROCK TEXTURED, VARIABLY
 108 ULTRACARBONATED AND FUCHSITIC 5C. NONCALCAREOUS, DOLOMITIC.
 109 FUCHSITE IN HIGHLY ALTERED SECTIONS 1-2 BANDS MASSIVE SULPHIDE
 110 FOR 10CM IN CENTRE OF UNIT. QUARTZ-DOLOMITE-GALENA VEINS IN 5C.
 111 999

112 355 356 14 4E4
 113 86

114 WEAKLY BANDED, FINE GRAINED, MASSIVE SULPHIDES. BON SPHALERITE-
 115 RICH BANDS. AT 1167.2 SAMLL 5C4 CLASTS/BAND. LOWER HALF HAS
 116 SULPHIDES IN SULPHIDES OXI SPLIT/INTACT. *Brown*

delete breccia

117 999
 118 356 357 15 5C4\$
 119
 120 AS ABOVE. FUCHSITIC, HIGHLY ALTERED, LEOPARD ROCK TEXTURED META-
 121 BASITE.
 122 999
 123 357 359 16 4A0_A
 124 ~~84 83~~ LOCAL MICRO ~~8X~~ WHERE SULPHIDE RICH. TOTAL SULPHIDES 30-35%
 125 WITH ONE INTERVAL REACHING 35% TOTAL SULPHIDES. GOOD TYPICAL, 20-25%
 126 FINE GRAINED, DARK GREY, HARD SILICEOUS BANDS ALTERNATING WITH
 127 PYRITE RICH QUARTZ BANDS. SPLIT/INTACT.
 128 999
 129 359 360 17 5D4\$
 130 (5C4\$ FUCHSITIC) 60:40
 131 BEIGE, PS2 FOLIATED, NONCALCAREOUS, SLIGHTLY DOLOMITIC, MUSCOVITE
 132 PHYLLITE WITH BRIGHT GREEN AND PINKISH BEIGE LEOPARD ROCK IN LOWER
 133 40%. SPLIT/INTACT.
 134 999
 135 360 361 18 4A4_A
 136 ~~83~~ TOTAL SULPHIDES 30% WITH LOCAL SECTIONS VERY SPHALERITE RICH.
 137 MINOR CHALCOPYLLITE. UNIT SLIGHTLY BLEACHED AGAINST NEXT UNIT
 138 AT EOI. SPLIT/INTACT.
 139 999
 140 361 362 19 5C4\$
 141
 142 MINOR FUCHSITE - HIGHLY ALTERED. LEOPARD ROCK TEXTURE VERY
 143 DISTORTED S2.
 144 999
 145 362 362 20 4A0_A
 146 ~~84~~ MICRO ~~8XA~~ breccia
 147 WELL BANDED. TOTAL SULPHIDES 15-20%. THINLY LAMINATED WHITE
 148 QUARTZ AND SULPHIDE, SULPHIDE AND QUARTZ, MICACEOUS FOLIA. LENSOID
 149 FOLIATION DEVELOPMENT LOOKS STYLOLITIC - EXTENSIVELY ~~8X~~ AT brecciated
 150 LOWER CONTACT. FRAGMENTS OF 4A AND SULPHIDES IN A QUARTZ-DOLIMITE
 151 MATRIX. PASSES UPWARD INTO CRACKLE ~~8XA~~. PROBABLY RELATED TO breccia
 152 FLOW IN NEXT UNIT. SPLIT/INTACT.
 153 999
 154 362 364 21 4E41
 155 &# VERY MINOR (4A4)
 156 SOME 4A ~~8XA~~ PIECES FLOATING IN PYRITE-SPHALERITE MATRIX. GOOD
 157 MICRO-~~8X~~SHOT TEXTURE LOCALLY IN 4E. MINOR # NEAR END OF INTERVAL
 158 DISSEMINATED IN PYRITE. SPLIT/INTACT.
 159 999
 160 364 365 22 4C0
 161 GOING TO (4C5) GOING TO (4A0) 33:33:33
 162 30% 4C0, 30% 4C5, 30% 4A0. SPLIT/INTACT. REGULAR PROGRESSION
 163 TOP TO BOTTOM. MINOR CHALCOPYLLITE.
 164 999
 165 365 366 23 4E14
 166 &# MINOR (5C4) ameoboid
 167 FINE-GRAINED, NEARLY MASSIVE PYRITE WITH POORLY DEVELOPED SPHALERITE
 168 BANDS. ~~8XB~~ QUARTZ AUGEN. CENTRE OF UNIT HAS BROKEUP 4A IN
 169 DUCTILE FLOW ~~8XA~~. UPPER 0.4M NEARLY MASSIVE WITH SEAMS/INTERBANDS
 170 OF 5C4. TOTAL SULPHIDES 80%. SPLIT/INTACT.
 171 999
 172 366 367 24 4A4
 173
 174

175 &3
 176 TOTAL SULPHIDES 25-30% WITH 5-10 CM BANDS OF TOTAL SULPHIDES 60-
 177 70%. SPHALERITE RICH BANOS AND PYRITE RICH BANDS. SPLIT/INTACT.
 178 999
 179 367 368 25 4D3
 180
 181 TOTAL SULPHIDES 60%. THINK BANDS MICRO-BUCKSHOT SEPARATING ROCKS
 182 WITH AMEBOIO QUARTZ TO SULPHIDE NETWORK TEXTURE WITH 50% TOTAL
 183 SULPHIDES. BANDING SCALE 1-5CM. SPLIT/INTACT. QUARTZ RICH BANOS
 184 HAVE CROSS-CUTTING FRACTURE WITH CHALCOPYRITE.
 185 368 369 26 4C9
 186 &5 MINOR
 187 TOTAL SULPHIDES 20%. PYRITE >> SPHALERITE. CHALCOPYRITE IN
 188 CROSS-CUTTING FRACTURES. \$ IN MINOR AMOUNT IN BANDS PARALLEL TO
 189 SULPHIDE BANDING. SPLIT/INTACT.
 190 999
 191 369 371 27 4D0
 192 &5 MINOR &3 MINOR
 193 TOTAL SULPHIDES 25-30%. PYRITE 3 TIMES SPHALERITE WITH BLOTCHES
 194 OF CHALCOPYRITE IN CROSS-CUTTING FRACTURES. &5 FOR SHORT, SILICEOUS,
 195 CARBONACEOUS PHYLLITE CLASTS (INTERVALS OF CLASTS) LOCALLY IN
 196 UNIT. SPLIT/INTACT.
 197 999
 198 371 372 28 4H4
 199
 200 NEARLY MASSIVE PYRRHOTITE WITH DISSEMINATED SPHALERITE. CLAST
 201 OF MODERATELY SOFT TO MODERATELY HARD, CARBONACEOUS PHYLLITE.
 202 LOWER CONTACT SHARP, CROSS-CUTTING S1 AND S2. LOOKS INTRUSIVE
 203 WITH 4H MICRO (BXA) 1/2 CM RIND OF PYRITE IMMEDIATELY ADJACENT
 204 TO WALL ROCK. LOCALLY PYRRHOTITE HAS BROKEN ACROSS THE RIND.
 205 SPLIT/INTACT/
 206 999
 207 372 374 29 3G9
 208 (4E4&1) (4L6 WEAK) (5A619) 40:40:15:05
 209 MIXED UNIT. 1-MODERATELY SOFT, MODERATELY HARD, DARK GREY TO
 210 GREENISH GREY, NONCALCAREOUS PHYLLITE 40%. 2- DARK GREY, HARD,
 211 CARBONACEOUS, SILICEOUS PHYLLITE WITH MINOR QUARTZ-SULPHIDE BANOS.
 212 5%. 3- LIGHT, MEDIUM SILVERY GREY GREEN, MODERATELY SOFT, NON-
 213 CALCAREOUS PHYLLITE. 4L6 WEAK 15%. 4-FINE-GRAINED, WEAKLY TO
 214 STRONGLY BANDED PYRITIC MASSIVE SULPHIDES. 4E4&1. 40%. LOCAL
 215 SULPHIDES IN SULPHIDE (BX) TEXTURES - POSSIBLE THAT ALL SILICATE
 216 ROCKS ARE CLASTS - CONTACTS WITH SULPHIDES SHARP AND SHOW SIGNS
 217 OF "INTRUSION".
 218 CHAOTIC CONTACT (BXA) ZONE WITH EXTENSIVE SULPHIDE FLOW?. LOWER
 219 MOST CONTACT ABSENT. SPLIT/INTACT.
 220 999
 221 374 380 30 3G0
 222 GOING TO (3G46 MINOR) 70:30
 223 MODERATELY SOFT, MEDIUM GREY, NONCALCAREOUS, PS2 FOLIATED, LOCALLY
 224 TO LIGHT MEDIUM GREENISH GREY PHYLLITE. LOCALLY MODERATELY
 225 LITHONED. S2 FOLIA MEDIUM GREY TO PALE SILVERY GREY. GREENISH
 226 GREY ALTERED VARIANTS IN TOP 1/2 OF UNIT AND FROM 376.2-377.2.
 227 2' CORE MISSING SOMEWHERE BETWEEN 1237'-1247', PROBABLY NEAR
 228 1242' WHERE QUARTZ RUBBLE. OTHERWISE INTACT.
 229 999
 230 380 387 31 4L2
 231 GOING TO (4L26 WEAK)
 232 MODERATELY HARD TO MODERATELY SOFT, LIGHT BEIGE WITH LOCAL GREENISH

40

15

5

40

233 TINGE, MUSCOVITE >> CHLORITE QUARTZ PHYLLITE. S2 FOLIA VERY PALE
 234 GREENISH CREAM WITH SILVERY MUSCOVITIC SHEEN. LOWER PORTION
 235 SLIGHTLY GREENER. PYRITE IN STRINGERS CROSS-CUTTING AND FOLLOWING
 236 S2. SOME PYRRHOTITE. DISSEMINATED WHITE TO PINKISH BEIGE POSSIBLE
 237 ANKERITE. INTACT. SMALL FAULT AT 30 DEGREES TO CORE AXIS AT
 238 383.2. sh s
 239 999
 240 387 388 32 5A4?
 241 MODERATELY HARD, MEDIUM GREY TO DARK MEDIUM GREY, THINLY LAMINATED,
 242 PS2 FOLIATED TO LITHONED, NONCALCAREOUS PHYLLITE. MAY HAVE BEEN
 243 ALTERED 5A - HAS DARK GREY BANDS ALTERNATING WITH 4L6 TYPE BANDS -
 244 HAS AN ALTERED LOOK TO IT. INTACT.
 245 999
 246 388 392 33 4L2 ite
 247 81 87 84
 248 OFF-WHITE TO LIGHT BEIGE, PS2 FOLIATED, MODERATELY SOFT TO MODERATELY
 249 HARD, MUSCOVITE-QUARTZ PHYLLITE. MINOR PYRRHOTITE AS STREAKS ALONG
 250 S2 AND CROSS-CUTTING FRACTURES. INTENSE BRICK-RED WEATHERING.
 251 LOWER CONTACT GRADATIONAL. TOTAL SULPHIDES 1-3%. ONE PYRRHOTITE-
 252 SPHALERITE-QUARTZ BAND AT END OF UNIT. INTACT.
 253 999
 254 392 398 34 4L6
 255 WEAK 2 MINOR 8? p
 256 MODERATELY SOFT TO MODERATELY HARD, LIGHT GREENISH GREY TO GREENISH
 257 BEIGE, NONCALCAREOUS, PS2 FOLIATED PHYLLITE. MINOR PYRITE STREAKS
 258 AND BANDS PARALLEL TO S2. TOTAL SULPHIDES 1%. BRICK RED WEATHERING
 259 ALONG S2 AND CROSS-CUTTING FRACTURES - ASSOCIATED WITH ZONES OF
 260 PINKISH BEIGE POSSIBLE ANKERITE. INTACT.
 261 999
 262 398 404 35 3G0s
 263 84 MINOR GOING TO (3E1s) 75:25
 264 MODERATELY HARD TO MODERATELY SOFT, LOCALLY VERY HARD, MEDIUM
 265 GREY TO DARK GREY, VERY DARK WHERE VERY HARD. NONCALCAREOUS,
 266 DOLOMITIC PHYLLITE. SHORT SECTIONS WHERE HARD AND DARK RESEMBLE
 267 QUARTZ-SULPHIDE BANDED 4A - LACK SUBSTANTIAL SULPHIDES IN BANDS -
 268 MINOR PYRITE - DOMINANTLY QUARTZ-DOLOMITE BANDS. GENERALLY PS2
 269 FOLIATED. INTACT. LOCALLY HAS BRICK RED WEATHERING.
 270 999
 271 404 406 36 4L0
 272
 273 MODERATELY SOFT TO MODERATELY HARD, PS2 FOLIATED, NONCALCAREOUS,
 274 VERY LIGHT GREY TO OFF-WHITE, MUSCOVITE-QUARTZ PHYLLITE. S2
 275 SURFACES VERY LIGHT GREY TO OFF-WHITE/CREAM. VERY MINOR PYRITE
 276 AS FLECKS ALONG S2. INTACT.
 277 999
 278 315-EOH MT. MYE IN VARIOUS STAGES OF ALTERATION
 279 1111.5'-1151.5' BASAL VANGORDA JUST ABOVE DOGMATIC HORIZON
 280 1067'-1093' OVERTURNED ANVIL CYCLE
 281 1152' GOING DOWN UPRIGHT ANVIL CYCLE
 282 TOP OF HOLE IS 3G FOOTWALL/VARIABLY ALTERED MT MYE
 283 999

put in a comma