

003767

^(e?)
* put in decimal message *

1 0.0 38.0 1 #
2 dolomite - chlorite - phyllite
3
4 999
5 38.0 50.3 2 5B62

6 \$ MINOR (SDS84) 90:10
7 MEDIUM DARK GREY, SOFT PS2 FOLIATED, GENERALLY NONCALCAREOUS
8 PHYLLITE MINOR THIN DOLOMITE BANDS CONTAINING THIN TAN WEATH^{weathered}
9 ~~DOLO CHL PHYLL~~ BANDS UP TO 10 CM THICK (1)S2 - MODERATELY TO
10 STRONGLY BROKEN - NO MAJOR CORE LOSS - NO FAULTS - SD IN LOWER
11 PORTION OF INTERVAL
12 999

parallel to 5

13 50.3 99.3 3 5A19
14 MINOR (10QS)
15 HARD TO MODERATELY HARD DARK GREY TO ~~BALCK~~ NON CALCAREOUS (BUT
16 SHOWS "DOLOMITE FLASH") CARBONACEOUS ~~SILICENS~~ PHYLLITE CONTAINS
17 QUARTZOSE "SILTSTONE" LITHONS AND BANDS COMMONLY WITH FINE
18 DISSEMINATED PYRITE ALSO STREAKY DISSEMINATED PYRRHOTITE LENNINE

Siltstone

siliceous

pyrite laminae

19 1152 FOLIATED NO CALCAREOUS NOTED TOI-67 = INTACT/67-98 =
20 VERY BROKEN WITH RUBBLE 10Q AT 83.5-87/70-77 = 1' RECOVERED
21 OTHERWISE RECOVERY APPROXIMATELY 90%

parallel to

22 999
23 99.3 134.8 4 5B6S
24 5 (80) ~~CALC SIL~~ 97:3

calcareous silicate

silicates

dolomite

25 MEDIUM GREY TO DARK MEDIUM GREY, MODERATELY SOFT, LITHON BEARING
26 PHYLLITE - TAN WEATHERING ~~DOLO~~ QUARTZOSE BANDS AND LITHONS WELL
27 DEVELOPED - 1' AT 108" HAS CALCITE AND GREEN ~~CLAC - SIL~~ MINERAL
28 IN LITHONS - ~~UPPER~~ CONTACT SHARP LOWER GRADATIONAL AND ARBITRARY
29 CARBON BREAK, 1 PYROPH~~Y~~ - INTACT TO LOCALLY MODERATELY BROKEN
30 113-122 = 5' RECOVERED OTHERWISE RECOVERY OK. NO FAULTS.

calcareous silicate

31 999
32 134.8 175.7 5 5B62
33 \$

pyrite porphyroblast

white when

silt stone

34 DARK GREY, MODERATELY SOFT TO MODERATELY HARD, NONCALCAREOUS
35 PHYLLITE WITH ABUNDANT TAN WEATHERING (QUITE FRESH) DOLOMITE
36 ~~SILTSTONE~~ BANDS AND LITHONS - 1' AT 153 WITH CALCITE AND CALC-
37 AREOUS ~~SIL~~ GREEN (AS AT 108") - MINOR ~~SIBBEDIA~~ PYRITE PORPHS AND
38 LESSER PYRRHOTITE 2 SMALL CHORT NODULE NOTED - CORE IS MODERATELY
39 BROKEN, NO FAULTS, RECOVERY OK
40 999

subhedral

41 175.7 204.0 6 5B6a
42 \$ MINOR

silicate

43 MEDIUM DARK GREY, SOFT TO MODERATELY SOFT, STRONGLY LITHONED NON-
44 CALCAREOUS PHYLLITE - LITHONS SLIGHTLY HARDER - TAN WEATH (WHITE
45 FRESH) BARELY FIZZ IN 20% - WEATH SUGGEST \$ BUT NOT GOOD \$ REACTIONS
46 LITHONS 1/2 OF UNIT, CORE INTACT, LOCALLY SLIGHTLY BROKEN, LAST
47 1' = BROKEN 10Q # CHLORITE - HCl leering
48 999

approximately

49 204.0 220.0 7 5B62
50 @

51 MEDIUM DARK GREY TO DARK GREY, MODERATELY HARD TO HARD, STRONGLY
52 LITHONED PHYLLITE, MEDIUM GREY GRANULAR QUARTZOSE LITHONS WITH ~~coarse~~
53 TAN SPOTTING (NON FIZZ CARBONATE) ~~SEPERATED~~ BY BLACK PS2 FOLIATION
54 NON CALCAREOUS, INTACT, LOWER CONTACT ARBITRARY, TAN LITHON AND
55 CARBON BREAK
56 999

57 220.0 234.0 8 5B6
58 CALACAREOUS ~~SIL~~ MINOR

silicates

59 SOFT MEDIUM GREY NON CALCAREOUS PHYLLITE QUARTZOSE LITHONS WITH
60 VERY MINOR DISSEMINATED actinolite? - LITHONS IMPART BANDING
61 IN SHADES OF GREY
62 999
63 234.6 247.0 9 5B20 *dolomite - calcite ankerite ering*
64 \$a
65 DARK GREY TO BLACK, MODERATELY HARD TO HARD, LITHONED CARBONACEOUS
66 PHYLLITE CONTAINS DOLO - CALC AND ANK IN TAN WEATH. ABUNDANT PLUS *delete*
67 (35%) QUARTZOSE SSTN, LITHONS AND BANDS (OFF WHITE WHEN FRESH)
68 INTACT RECOVERY OK *siltstone*
69 HARD LITHONS ALTERNATING WITH SOFT PHLLITIC FOLIATION AS USUAL
70 999
71 247.0 289.8 10 5B5
72 \$MINOR *core*
73 AS #8 BUT WITH MINOR DOLOMITE BANDS AND A FEW CALCITE - PYRRHOTITE
74 PORPHS INTACT, RECOVERY GOOD, VERY MINOR CALCAREOUS SIL WITH
75 DOLOMITE BEARING BANDS - GOOD BANDING AND LITHONS *silicate?*
76 999
77 289.8 295.3 11 SB6
78 84 89 *comma*
79 AS ABOVE ROCKS BUT WITH LIGHT CREAMY GREEN MUSE CHL INTERVALS
80 WITH ABUNDANT QUARTZOSE PYRITES SPHALERITE IN VEINS AND ON
81 FRACTURES - THIS IS BUGGERED WALL ROCK NOT ORE LITHOFACES
82 SPLIT RECOVERY OK
83 999 *delete*
84 295.3 323.7 12 *going* SB6
85 CALCAREOUS SIL MINOR TO (5B64) 90:10
86 MEDIUM GREY SOFT TO MODERATELY SOFT, NON CALCAREOUS PHYLLITE
87 WITH QUARTZOSE BANDS CONTAINING DISSEMINATED ACTINOLITE POORLY
88 DEVELOPED LITHONS - MINOR RUSTY BROWN WEATHERING ALONG S2 FOLIATE *delete*
89 NORTHERN 3' IS PROGRESSIVELY BLEACHED TO LIGHT GREENISH WHITE
90 MUSE > CHALCOPIRYTE PHYLLITE, SAME CX AS UNIT 10 - TOI TO 301 *rocks*
91 VERY BROKEN MINOR RUBBLE AND GORGE / 301-304 INTACT TO MODERATELY
92 BROKEN / 304-308 BROKEN WITH RUBBLE AND GORGE AND 70% RECOVERED
93 GOUGE MAINLY NEAR END - 308-EOI INTACT WITH WELL DEVELOPED FINE *fracture*
94 FALLS AT 10-20 DEGREES TO CENTRAL AXIS - LOWER CONTACT WITH ORE
95 IS MINOR POST S2 FAULT *core*
96 999
97 323.7 326.0 13 4A45 \$
98 BXA *breccia*
99 BRECCIA OF CARBONATE AND QUARTZOSE AND 416 WEAK CLOSTS IN
100 FINE GRAINED VAGUELY BANDED PYRRHOTITE AND BASE METAL MATRIX
101 SPLIT ORIGINALLY INTACT - RECOVERY OK
102 999
103 326.0 329.0 14 5A69
104 *medium*
105 BLACK HARD, PS2 FOLIATED, NON CALCAREOUS, CARB *orangeous* PHYLLITE,
106 STRINGERS FLORE FILLS OF PYRRHOTITE - VERY HARD ALONG CUTTING
107 S2 - SPLIT TRASHED, ORIGINALLY OK? *fracture* *trashed* *and sphalerite delete and*
108 999
109 329.0 332.0 15 4A45
110 BXA *breccia*
111 AS ABOVE
112 999
113 5 332.0 336.0 16 4C3 *breccia*
114 (5B480) (4H45BXA)
115 HODGE-PODGE UNIT CONSISTING OF SHORT INTERBANDED SECTIONS ENDING
116 IN 4H - PHYLLITE IS GREENISH CREAM, SOFT CALCAREOUS AND LITHONED
117 MAY BE CLASTS IN BXA - THIS ENTIRE SULPHIDE SECTION MAY BE A
118 BXA INTERVAL - SPLIT, TRASHED, ORIGINALLY OK? *breccia*

unit

same

bottom

muscovite

chlorite

infills



119 999
 120 336.0 344.0 17 5B20
 121 84 8 CALCAREOUS-SILICATES
 122 DARK GREY TO BLACK LITHONED CALCAREOUS PHYLLITE QUARTZOSE AND
 123 CALCAREOUS MINOR DISSEMINATED ACTINOLITE BANDS INTERBANDED WITH 1"
 124 INTERVALS OF MEDIUM GREY TO MEDIUM GREENISH GREY CALCAREOUS, Calcareous-
 125 SILICATE PHYLLITE THAT MAY BE BLEACHED VERSIONS OF MORE CARBONACEOUS delete
 126 PHYLLITE IN GRADATIONAL RELATION TO DARKER (X) (ER) APPROXIMATELY
 127 : 50-50% (L) DARK, CORE INTACT - MINOR BREAKAGE ALONG STEEP rocks
 128 FRACTURES LOWER CONTACT IS STEEP S2 FOLIFORM BUT BROKEN,
 129 UPPER CONTACT WITH (H) MAY BE A SMALL CHLORITIC FAULT
 130 999
 131 344.0 353.5 18 4C0 sphalerite chloritic
 132 83 88 89 MINOR ite in magnetite cross-cutting amounts
 133 MISACEOUS QUARTZOSE WITH PYRITE, SPHERD AND MINOR MT
 134 IN BANDS (S) S2 - CHALCOPYRITE MINOR, ALONG (H) CRYSTALLINE
 135 parallel to FRACTURE - MINOR THIN S2 (1) BANDS OF (4L) WEAK
 136 TOT S = 5% TO 40% VARIABLE PYRITE >> SPHALERITE THOUGH LOCAL BANDS
 137 ARE SUBEQUAL parallel
 138 999 sulphides
 139 going to 353.5 355.5 19 4E40 carbonate vein
 140 4K0
 141 APPEARS TO REPRESENT (S) QUARTZ (C) CARB (V) VOI IN 4E WHICH IS BROKEN
 142 UP DURING SULPHIDE FLOOD - 4E VERY RICH IN BASE METALS SO THAT IT
 143 DEVELOPS BIRSHOT PYRITE (micro) PORPH TEXTURE (S4F) - SPLIT, OK
 144 ORIGINALLY D W prolastic equivalent to
 145 999
 146 355.5 361.5 20 4C0
 147 (4A0) 70:30
 148 INTERBANDED 4A AND 4C EACH INTERVAL 6" TO 1.5" LONG ABUNDANT delete
 149 SPLOTCHY PYRITE CROSS CUTTING S2 AND FILLING FRACTURES. UPPER
 150 2" OF UNIT HAS CROSS CUTTING DOLOMITE QUARTZOSE CALCITE FILLED
 151 FRACTURES RUNNING DOWN CORE AXIS TOTAL (S) APPROXIMATELY 15-20%
 152 SMALL AMOUNT OF SPHALERITE, PYRITE MUCH GREATER THAN SPHALERITE
 153 SPLIT, ORIGINALLY OK sulphides
 154 999
 155 361.5 362.5 21 4E4#
 156 8 MINOR ic
 157 BANDED MASSIVE PYRITE SULPHIDE WITH DISSEMINATED CALCITE, HAS
 158 HONEY COLOURED SPHALERITE, LIGHT PATCHES NOT BARITE HOWEVER
 159 SPLIT ORIGINALLY OK
 160 999
 161 362.5 364.0 22 5A69 ite fractures
 162 (4C09 MINOR) 90:10
 163 UPPERMOST PORTION IS STRONGLY FOLIATED QUARTZOSE WITH MINOR BASE
 164 METAL SULPHIDES, CHALCOPYRITE IN CROSS CUTTING FAULTS, BELOW THAT
 165 IS BLACK SOFT NON CALCAREOUS PHYLLITE WITH SOME (S) BANDING
 166 SPLITTER INDUCED RUBBLE sulphide
 167 999
 168 364.0 372.0 23 4D38 sulphides parallel to
 169 (4L6 WEAK) MINOR and ankente
 170 MINOR QUARTZ (S) OR ANDALUSITE BLASTS/AUGEN S2 WELL BANDED (1) S2,
 171 sulphides TOT S = 35-40%, LESS THAN (S) AS THIN STREAKS/PATCHES ALONG S2
 172 SPLIT, ORIGINALLY OK S magnetite
 173 999
 174 372.0 374.5 24 4G80
 175 \$ MINOR (4E0\$ MINOR) 70:30

176
177
178

12% ^{magnetite} ~~MT~~ AS THIN STREAKS ALONG S2 - HONEY COLOURED SPHALERITE -
4E IN UPPER PORTION WITH FLESH COLOURED DOLIMITE, VAGUELY BANDED
SPLIT, INTACT ORIGINALLY

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999
374 - ⁵ 376.7 25 5A61

MODERATELY HARD TO HARD BLACK CARBONACEOUS PHYLLITE WITH S2 ¹ BANDS
OF DISSEMINATED PYRITE IN QUARTZ - LACKS GRANULAR RIBBON BANDING
AND "CHARTY" BANDS OF 4A - SPLITTER INDUCED RUBBLE

999
376.7 381 ⁵ 26 4D3S

MINOR 8 MINOR (4L6WEAK ²) (SA19) 95:05:05
DOMINANTLY PYRITIC QUARTZOSE WITH MINOR GREEN CREME PYRITE AND
SPHALERITE BEARING MICACEOUS BANDS AND THIN HARD CARBONACEOUS
PHYLLITE BANDS, LESS THAN 5% AS THIN STREAKS TO BANDS. DOLIMITE
AS FLESH AUGEN/CLASTS TO BANDS, COARSER THAN OTHER MINERALS AS
USUAL - SPLIT, ORIGINALLY INTACT

999
381 ⁵ 389 ⁵ 27 3G91

TO SA19 (4L246 ²WEAK) (4H42 ²EX) ^{breccia}
INTERBANDED UNITS 6" TO 3" LONG OF ABERE ROCK TYPES, CONTACTS
observed BY SPLITTING, SPLIT, RUBBLY, ⁴2 HAS S2 FOLIAFORM
PYRITE SPHALERITE AND CROSS CUTTING CHALCOPYRITE IN FRACTURES

999
389 ⁵ 472 ⁵ 28 3G0

MEDIUM GREY, SOFT, NON CALCAREOUS, PS2 FOLIATED PHYLLITE WITH
MINOR AMOUNTS OF QUARTZOSE BANDS TO POORLY DEVELOPED LITHONS.
NO CALCAREOUS SILICATE VISIBLE. HAS RUSTY (DRIED BLOOD RED)
WEATHERED STREAKS ALONG S2, LAST 2' IS MAINLY QUARTZ VEIN MATERIAL
ALONG S2. MINOR PYRRHOTITE PORPHS - INTACT TO MODERATELY
BROKEN TO 409' / 409 - 410.5 = GORGE LOWER S2 BUT MAINLY IND ^{terminate}
RECOVERY OK
410.5 - 432.0 IS INTACT TO ^{delete} MODERATELY BROKEN / 432.0 - 436 BROKEN
MINOR RUBBLE, MODERATE GORGE = IND ^{approx. parallel to} RECOVERY OK
436 - 441 MODERATELY BROKEN BUT RECOVERY IS OK / 441 - 448.5 VERY
BROKEN TO RUBBLY, NO GORGE BUT 70% RECOVERY ONLY / 448.5 - 451.6
VERY BROKEN RECOVERY OK / 451.6 - 462 1/2' RECOVERED, NO GORGE, VERY
BROKEN CORE MINOR REDRILLED 10Q / 462 - 468 = VERY BROKEN, RECOVERY OK
468 = 1/2' OF GROOVED UP DOLomite VEIN / 468 - 472 = MODERATELY TO
VERY BROKEN, RECOVERY OK ^{ground} ^{delete}
CALLED 3G0 RATHER THAN 5B6 SINCE STRONGLY PS2 FOLIATED

999
472 ⁵ 568 ⁵ 29 SA6

NON CALCAREOUS - MEDIUM HARD TO HARD - CARBONACEOUS PHYLLITE,
DARK GREY TO BLACK - STONG "DOLIMITE FLASH" - LOCAL SMALL BLACK
CHEST NODULES - PS2 FOLIATED BANDED IN SHADES OF DARK GREY TO
BLACK PARALELL TO S2 ^{ON MM TO UP TO CM SCALE} ^{delete}
472-494 = MODERATELY TO STRONGLY BROKEN LOCAL RUBBLE APPROXIMATELY
80% RECOVERED / 494-498 = VERY BROKEN 50% RECOVERED / 498-520 = VERY
BROKEN TO RUBBLY - NO GORGES ^{delete} - 80-90% RECOVERED / 520-528 = RUBBLE
AND IND GORGE ^{1/8} RECOVERED ^{1/8} / 528-535 = VERY BROKEN MINOR
GORGE 60% RECOVERY / 535-565 = GORGE AND RUBBLE 8' / 25' RECOVERED

999
568 ⁵ 570 ⁵ 30 5D4*

GOUGE ^{gouge} ^{indeterminate gouge}

parallel to

He magnetite
breccia above

terminate

approx. parallel to

1 foot out of 8 feet recovered

or
1/8 recovered

233 PALE CREAMY WHITE, MINOR FUCHITE, TOTALLY ^{indeterminate} (ND), RECOVERY APPROX-
234 IMATELY 80% BUT QUESTIONABLE
235 999
236 570 → 576 → 31 3G
237 GOUGE
238 GREY NON CALCAREOUS GOUGE WITH 10Q & BANDS IN GOUGE RECOVERY

calcsilicaty

239 APPROXIMATELY 50% - MAJOR FAULT ZONE 535-576
240 999
241 576 → 600 → 37² 3G93 carbonate marble actinolite
242 1 & CALESITE (3F9) MINOR
243 GENERALLY DARK GREY, LOCALLY BLACK, MODERATELY HARD TO HARD,
244 LITHONED QUARTZOSE PHYLLITE CONTAINING SEVERAL BANDS OF FINELY
245 CRYSTALLINE CARBON MBL (3F9) - SLIGHTLY TO MODERATELY CALCAREOUS
246 LITHONS WITH LOCAL MINOR DISSEMINATED ACTIVITE - CORROLATES WITH
247 CARBONACEOUS CALCAREOUS PACKAGE IN UPPER MT MYE HERE. UPPER
248 CONTACT IS 5A*/TIE FAULT TYPE BXA FOR 3" WITH FRACTURING AT 40/000
249 LOWER CONTACT OF UNIT IS CALCERITE BREAK, INTACT

250 999
251 600 → 624 → 33 3G9 calcite breccia
252 & 1 & 8 CALCAREOUS SILICEOUS ate
253 ate SIMILAR TO ABOVE BUT NO CALCITE IN QUARTZOSE BANDS, & CALCAREOUS
254 SILICEOUS = DISSEMINATED ACTINOLITE - QUARTZOSE BANDS CONTAIN
255 DISSEMINATED PYRRHOTITE AT 622, HAVE 1' THAT IS 3F9, INTACT
256 999

257 624 → 643 → 34 3G0 core is
258 CLACAREOUS SILICATY & 3 VERY MINOR BIOTITE
259 MEDIUM TO MEDIUM DARK GREY GENERALLY NON CALCAREOUS, MEDIUM SOFT
260 PHYLLITE ABUNDANT QUARTZOSE BANDS CONTAIN DISSEMINATED CALCAREOUS
261 SILICATE & BIOTITE GIVING AN ALMOST 3D LOOK IN GREEN AND BROWN
262 INTERBANDING BUT NOT QUITE THERE. INTACT
263 999

264 643 → 648 → 35 3F9
265
266 DARK GREY TO BLACK, MEDIUM HARD TO HARD, PS2 FOLIATED CARBONACEOUS
267 FINELY CRYSTALLINE CALCERITE WITH PHYLLITE INTERBANDS, FIZZES
268 VIOLENTLY, INTACT calcite marble ic
269 999

270 648 → 768 → 36 5A19 delete
271
272 DISTINCTIVE STRIPPED LIGHT GREY AND BLACK WITH BLACK GENERALLY MORE
273 MICACEOUS FOLIATED, PS2, STRIPED NON CALCAREOUS BUT CONSISTENTLY
274 HAS "DOLomite FLASH" HARD BUT CAN BE SCRATCHED WITH KNIFE.
275 DISSEMINATED PYRRHOTITE (1-2%) ALONG S2 FOLIATE AND IN CROSS CUTTING
276 FRACTURES. LIGHTER STRIPES ARE MICROLITHONS, CS2 BUT TOO SMALL.
277 CORROLATES WELL WITH CNR GREATER THAN 100 AND 02. PYRRHOTITE
278 WEATHERING HAS RUSTY SPHALERITE ON CORE. INTACT
279 999 s splashes 76.04 going to fine grained

280 CORE HAS WHITE OR BLUISH WHITE FG SECONDARY MINERAL GROWING ON
281 CUT SURFACE, DISSOLVES IN HYDROCHLORIC ACID DURING "DOLomite FLASH"
282 BUT NOT CLEARLY THE CAUSE OF IT. LOOKS LIKE SMITHSONITE AND ON
283 CLOSE INSPECTION THE QUARTZOSE BANDS MAY HAVE MINOR VERY FINE
284 DISSEMINATED SPHALERITE BUT HARD TO BE SURE. FINE DARK MOTTLING
285 ON DARKER BANDS NEAR END OF HOLE NOTED BUT CAUSE UNKNOWN - COULD
286 BE ANDU ??? 768 = EOH

andalusite

new line

out.