

003805

1 0.0 1 #
2 NO RECOVERY
3 999
4 12.0 25.5 2 #
5 GRANITE BOULDERS ETC.
6 999
7 25.5 50.5 3 4L67
8 STRINGERED (4L0) 80:20
9 SOFT, NONCALCAREOUS, HIGHLY WEATHERED, CREAMY MUSCOVITE > CHLORITE
10 PHYLLITE INTERBANDED WITH PALE GREEN CHLORITE EQUAL TO OR >
11 MUSCOVITE PHYLLITE - STRONG YELLOWISH TO BROWN YELLOW WEATHERING
12 STAIN THAT DOESN'T COME OFF WITH 20% HCL - LOCALLY HAS VAGUE LITHON
13 TEXTURE BUT GENERALLY PS2 AS FAR AS CAN BE SEEN THROUGH THE STAIN.
14 S2 FOLIA ARE PALE GREENISH CREME TO CREME LOCAL HINT OF STEELY
15 REY OF 3G TYPE PHYLLITE. CONTAINS VERY WEATHERED STRINGERS UP TO
16 1 CM THICK, GENERALLY THINNER WITH QUARTZ AND PYRRHOTITE. 4LO
17 MAINLY IN FIRST 6' OF HOLE. CORE IS VERY BROKEN TO POKER CHIPPY
18 FIRST 5' ARE RUBBLY WITH 80% RECOVERY, OTHERWISE RECOVERY OK.
19 999
20 50.5 63.5 4 4L6
21 WEAK 7
22 ESSENTIALLY SAME AS ABOVE BUT LESS WEATHERED AND SPLITE - PALE
23 GREEN CREME. S2 FOLIA ARE GREENISH GREY - CONTAINS PYRRHOTITE
24 QUARTZ STRINGERS - OVERALL ROCK IS SOFT - PS2 FOLIATED. UPPERMOST
25 7' WEATHERED WITH ORANGE BROWN STAIN.
26 999
27 63.5 68.0 5 4C37
28 &# 8\$ 89 MINOR->4E#6?&\$
29 PYRITIC QUARTZITE WITH CARBONATE CLASTS FLOATING IN SULPHIDE
30 QUARTZ MATRIX. UPPER 6" CALCITE RICH AND PYRITE RICH AND BANDED
31 AND MIGHT HAVE BERITE (->4G). OTHERWISE HAS NETWORK TO FLOODING
32 OF PYRIT IN QUARTZITE WITH CARBONATE CLASTS. CONTAINING PYRRHOTITE
33 AND PYRITE, PYRITE APPROXIMATELY FOUR TIME PYRRHOTITE, PYRRHOTITE
34 TENDS TO BE IN FRACTURES AND ASSOCIATED WITH CHALCOPYRITE BUT SOME
35 BANDED PYRRHOTITE. TOTAL SULPHIDES 40-50%, LOCALLY MASSIVE
36 ESPECIALLY AT TOP AND NEAR BOTTOM FOR FEW INCHES.
37 999
38 68.0 70.5 6 4E#\$
39 MINOR 8 MINOR (4G4) MINOR
40 SPLIT INTACT - \$ DOMINANTLY AS FLESH CARBONATE CLASTS, CALCITE
41 DISSEMINATED AS FRAGMENTED BANDS IN MARTIX - ONLY GRADE IS
42 IN 3" SECTION OF 4G.
43 999
44 70.5 78.5 7 4D78
45 MINOR \$ (4E#&4)(4C78&\$)
46 PYRITIC QUARTZITE COMMONLY RICH IN COARLE METALS VARIABLE PYRITE
47 GRADING FROM 20-80% INTERBANDED ON 1/2 METER SCALE - WHERE MORE
48 MASSIVE HAVE QUARTZ AND LESSER DOLOMITE CLASTS FLOATING IN PYRITIC
49 MATRIX AND WHERE QUARTZ RICH IS STRONGLY QUARTZ/SULPHIDE BANDED.
50 PYRITE>>PYRRHOTITE AND RANGES FROM PYRITE EQUAL TO SPHALERITE TO
51 PYRITE>>SPHALERITE OVER SHORT INTERVALS - MINOR MAGNETITE BANDS
52 MINOR CHALCOPYRITE IN CROSSCUTTING FRACTURES AS USUAL. SPLIT
53 INTACT.
54 999
55 78.5 85.0 8 4A7&
56 \$ MINOR (4A0&3&4&7)(4C5) 70:20:10
57 4A TEXTURE WITH CARBONACEOUS FOLIA SEPERATING MORE QUARTZOSE AND
58 SULPHIDE BANDS - UPPER 27 IS INTERBANDED WITH MORE MASSIVE AND

59 HIGHER GRAND AND LOCALLY SEE 4A CLASTS IN 4E4 MATRIX. PYRITE >
60 PYRRHOTITE IN TOP FEW FEET AND BELOW THAT IS NEARLY ALL PYRRHOTITE.
61 GRADES IN AND OUT OF 4A INTO 4C. BASE METALS GO IN PYRRHOTITE
62 RICH SECTIONS (BREAK IS APPROXIMATELY 81'). SPLIT INTACT.
63 999
64 85.0 95.0 9 5AF
65 PYRRHOTITE & 3
66 MODERATELY SOFT TO MODERATELY HARD, DARK GREY, LITHONED PHYLLITE.
67 CONTAINS COARSER, GRANULAR QUARTZ, CALCITE, PYRRHOTITE (& CHLORITE
68 MINOR) FORMING LITHONS - TEXTURALLY LOOKS LIKE 4A ONLY PHYLLITIC
69 BANDS ARE SOFT. LOCALLY ALTERED (BLEACHED) SO THAT OVERALL COLOUR
70 CHANGES TO PALE GREENISH TO CREME GREENISH WITH S2 FOLIA LIGHT
71 SILVER GREY TO PALE OLIVE GREEN - LOOKS LIKE A TRANSITIONAL
72 PHYLLITE BETWEEN 5A AND 4A MORE AFFINITY TO 5A SINCE SOFT RATHER
73 THAN HARD. [BOX OF CORE MISSING FROM 90-113.5'] MODERATELY
74 BROKEN TO INTACT.
75 999
76 95.0 125.0 10 4A0
77 ->(4A3) 90:10
78 DOMINANTLY PYRITE WITH VERY MINOR SPHALERITE BEARING SECTIONS
79 (APPROXIMATELY 114') WITH SPHALERITE APPROXIMATELY EQUAL TO
80 PYRITE. TOTAL SULPHIDES 20% BUT 60% N LAST 1.5'. GRADES INTO
81 4A3 AT ENT 1.5', SPLIT INTACT.
82 999
83 125.0 126.5 11 4E18
84 \$
85 FINELY BANDED PYRITIC MASSIVE SULPHIDE WITH STREAKS OF FRAGMENTED
86 MAGNETITE. BANDS A FEW MM THICK OF QUARTZ BANDS GOING TO LENSES
87 OF FLESH DOLOMITE. TOTAL SULPHIDES APPROXIMATELY 85% - RAPID
88 TRANSATION AT EOI.
89 999
90 126.5 133.5 12 4H#9
91 & 1
92 FINE GRAINED PYRRHOTITE WITH SOME SECTIONS RICH IN COARSE CALCITE
93 CLASTS/FRAGMENTS ALSO FRAGMENTS DISSEMBLED CALCITE IN MATRIX - HAS
94 QUARTZ CLASTS LOCALLY AND LOCALLY APPROACHES 4C7 FOR SHORT INTERVALS
95 OVERALL APPROXIMATELY 90% TOTAL SULPHIDES - CHAKE IN FRACTURES
96 ESPECIALLY IN CARBONATE CLASTS AS USUAL. SPLIT INTACT ORIGINALLY.
97 999
98 133.5 141.5 13 4C77
99 & # 85 ->(4A7) AT EOI
100 PYRITE ONLY LOCAL VERY PYRRHOTITE DOMINANT SECTION WITH TOTAL
101 SULPHIDE APPROXIMATELY 40% AVERAGE BUT RANGE FROM 10 TO 40% OVER
102 .25 M SECTIONS - DOWNHOLE PICK UP DARK GREY TO BLACK FOLIA TYPICAL
103 OF 4A (ESPECIALLY LAST 3'). SPLIT INTACT. ORIGINALLY 4A THEN
104 ALTERED, BLEACHED AND PYRRHOTITE FLOODED???
105 999
106 141.5 187.7 14 4A0
107 & # MINOR & 7 ->(5A19) 70:30
108 MUCH OF UNIT IS TYPICAL 4A0 WITH GOOD QUARTZ SULPHIDE BANDING
109 AND HARD FRAGMENTED BANDS BUT THERE ARE SHORT INTERVALS OF MORE
110 PHYLLITIC, THINLY PS2 FOLIATED, MODERATELY HARD TO HARD, NON-
111 CALCAREOUS, DARK GREY TO BLACK PHYLLITE WITH MINOR PYRRHOTITE.
112 SOME INTERVALS HAVE BEEN SPLIT. TOI-147.5 AND 183-EOI, AND 163-
113 167 BUT THEY DON'T LOOK MUCH DIFFERENT THAN THE REST. TOTAL
114 SULPHIDES 10-15% WITH 4A RANGING FROM 5-30%, LARGELY PYRITE BUT
115 HAVE A SECTION ABOUT 4' LONG APPROXIMATELY 150-156' WHERE PYRRHOTITE
116 IS DOMINANT (AND CORE WEATHERS VERY RUSTY ORANGE BROWN, STAINED
117 TYPICAL OF PYRRHOTITE) MINOR CALCITE (WEATEHRED BROWN) IN GRANULAR
118 QUARTZ SULPHIDE BANDS.

119 GOOD PLACE TO SPECULATE ON ORIGIN OF 4A - NO CONCLUSIONS REACHED.
120 MODERATELY BROKEN TO INTACT. SHORT RUBBLE SECTIONS BUT RECOVERY
121 OK.
122 999
123 187.7 260.0 15 4L67
124 STRINGERED BIOTITE-GARNET->4L6 WEAK
125 [MUCH MISSING CORE IN LAST 50']
126 PALE GREEN TO GREENISH CREME GREY, MODERATELY HARD TO MODERATELY
127 SOFT, GENERALLY NONCALCAREOUS (WITH ONLY MINOR INTERVALS WITH SOME
128 DISSEMINATED CALCITE BANDS), ALTERED, STRINGERED, CHLORITE
129 MUSCOVITE PHYLLITE/SCHIST. PS2 FOLIATED IN GENERAL BUT CAN SEE
130 FORMER LITHONS THROUGH ALTERATION. LOOKS LIKE PHYLLITE MAY HAVE
131 ORIGINALLY BEEN COARSER GRAINED AND THE ORIGINAL ASSEMBLAGE
132 CONTAINED BIOTITE AND GARNET - WAS PROTOLITH 1C? MANY STRINGERS
133 OF QUARTZ, PYRITE, PYRRHOTITE COMMONLY WITH CHLORIDE - STRINGERS
134 COMMONLY D2 FOLDED BUT LOCALLY TRANSITIONAL TO FLOODING OF PYRITE
135 PYRRHOTITE WITH AMBIGUOUS TIMING - INTACT WHERE PRESENT.
136 999
137 EOH
138 999