```
 1        0.0      21.0        1       #
 2     OVERBURDEN - NO RECOVERY
 3     999
 4       21.0     189.0        2      5BO
 5
 6     MODERATELY SOFT, WELL LITHONED, MODERATE TO VERY CALCAREOUS,
 7     MEDIUM GRY TO MEDIUM LIGHT GREY PHYLLITE.  TYPICAL 5BO WITH COARSE
 8     QUARTZ CALCITE BANDS - FINE GREY NONCALCAREOUS PHYLLITE BANDS AND
 9     INTERMEDIATE SIZE/COMPOSITION BANDS.  EUHEDRAL PORPHS OF PYRITE
10     AND PYRRHOTITE AFTER PYRITE - RECTANGULAR OUTLINE LOCALLY WITH
11     PRESSURE SHADOWS OF QUARTZ-CALCITE-PYRRHOTITE AND PYRITE IN
12     SEPARATE PORPHS AND SUBEQUAL ABUNDANCE.  NO GREEN MINERAL IN
13     COARSE BANDS.  21-27 RUSTY ORANGE BROWN SURFICIAL WEATHERING
14     CORE ESSENTIALLY INTACT WITH A FEW MINOR POKER CHIPPY ZONES OF
15     INCIPIENT GOUGE AT 56' INDETERMINANT 157-167 = 1' OF RUBBLE
16     RECOVERED.
17     999
18      189.0     195.0        3      5B3
19
20     MEDIUM TO MEDIUM LIGHT GREY, PS2 FOLIATED, MODERATELY SOFT,
21     VERY CALCAREOUS PHYLLITE - CONSISTS OF THICKLY LAMINATED
22     MODERATELY SOFT CALCAREOUS BANDS SEPARATED BY THIN LAMINAE OF DARK
23     GREY SOFT MICACEOUS BANDS WHICH ARE NONCALCAREOUS.  NO PORPHS
24     NOTED.  INTACT.
25     999
26      195.0     197.0        4      5B6$
27
28     MODERATELY SOFT, PS2 FOLIATED, NONCALCAREOUS DOLOMITIC,
29     MEDIUM GREY PHYLLITE. DOLOMITIC BANDS WEATHER TAN BROWN.  NO
30     PORPHS NOTED.  LAST 6" = QUARTZ VEIN - DOLOMITE ALTERATION
31     RELATED TO NEXT UNIT - INTACT.
32     999
33      197.0     211.0        5      5B6
34     &$ BRECCIA
35     NONCALCAREOUS, LOCALLY DOLOMITIC, MEDIUM GREY TO MEDIUM DARK
36     GREY, MODERATELY SOFT, GOUGE AND FAULT BRECCIA - LARGELY
37     INCIPIENT GOUGE
38     TOI-204 GOUGE
39     204-211 RUBBLE OF GREY FAULT ROCK WITH CLASTS OF QUARTZ-CALCITE
40             VEINS AND GREY PHYLLITE IN GREY NONCALCAREOUS ROCK FLOOR
41             MATRIX
42     197-211 - 4 1/2' OF CORE RECOVERED
43     197-204 - 3' OF CORE RECOVERED
44     204-211 - 1 1/2' OF CORE RECOVERED
45     999
46      2110.     215.2        6      5B6$
47     MODERATELY SOFT, MEDIUM GREY, NONCALCAREOUS, DOLOMITIC, PS2
48     FOLIATED TO SLIGHTLY LITHONED PHYLLITE.  TYPICAL BANDING FOR 5B
49     BUT DOLOMITE-QUARTZ NOT CALCITE-QUARTZ- NOT LITHONED JUST BANDED
50     PRESUMABLY RELATED TO FAULT ABOVE - SOME CRACKLE BRECCIA AT 20
51     DEGREE TO CORE AXIS.  NO PORPHS SEEN.
52     999
53     215.2      220.0        7      5BO
54
55     MEDIUM GREY, PS2 FOLIATED TO MODERATELY LITHONED, MODERATELY SOFT,
56     CALCAREOUS PHYLLITE.  PYRRHOTITE PORPHS AFTER PYRITE.  NO GREEN
57     MINERAL DEVELOPED IN COARSE CALCITE-QUARTZ BANDS.
58     999
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 220.0     222.0        8      5BO
BRECCIA
MEDIUM GREY, MODERATELY SOFT TO MODERATELY HARD, NONCALCAREOUS
TO SLIGHTLY CALCAREOUS, LOCALLY FAULT ROCK WITH QUARTZ CALCITE
AND PHYLLITE CLASTS IN A LOCALLY SLIGHTLY CALCAREOUS, GREY ROCK
FLOOR MATRIX.  UPPER CONTACT DRILLED AWAY.  LOWER CONTACT PARALLEL
TO QUARTZ VEIN AT 25/000.
999
 222.0     374.0        9      5BO

MEDIUM GREY, MODERATELY SOFT, WELL LITHONED, CALCAREOUS PHYLLITE.
TYPICAL 5BO.  PYRITE PORPHS AND PYRRHOTITE PORPHS.  PYRRHOTITE
SLIGHTLY GREATER THAN PYRITE.  NO MIXED.  NO GREEN MINERAL IN
CALCITE QUARTZ BANDS.
TOI-311 - CORE INTACT
313-320 - MODERATELY TO STRONLGY BROKEN, LOCAL RUBBLE AND INCIP-
          IENT GOUGE
320-EOI - ESSENTIALLY INTACT
999
 374.0     436.5       10      5BO
(5DO) 95:05
MEDIUM GREY, MODERATELY SOFT, MODERATELY TO WELL LITHONED, CALC-
AREOUS PHYLLITE DISTINGUISHED BY HAVING THIN INTERBANDS OF
HOMOGENOUS PS2 FOLIATED CALCAREOUS YELLOWISH GREEN CHLORITE-
MUSCOVITE PHYLLITE.  CONTACTS PARALLEL S2.  BANDS ARE 1 CM -
10 CM THICK.  INTACT.  PYRITE AND PYRRHOTITE PORPHS - SOME PORPHS
HAVE BOTH PYRITE AND PYRRHOTITE - QUARTZ CALCITE BANDS LOCALLY
HAVE MINOR AMOUNT OF DULL MEDIUM GREEN MINERAL NOTICABLE IN WET
CUT SURFACE.
999
 436.5     440.5       11      5BO

TYPICAL COLOUR, TEXTURE AND CALCITE CONTENT, LITHONED TO PS2
FOLIATED, INTACT
999
 440.5     469.5       12      5B6

MEDIUM GREY, MODERATELY SOFT, NONCALCAREOUS, PS2 FOLIATED TO
MODERATELY LITHONED PHYLLITE - NOT DOLIMITIC.  CONTAINS QUARTZOSE
BANDS WITH NO CARBONATE - LESS THAN TYPICAL AMOUNT OF QUARTZ
BEARING INTERBANDS OF 5BO THEREFORE CAN SEE BANDING WITHIN
PHYLLITIC PORTIONS IN SHADES OF GREY.
999
 469.5     481.0       13      5BO

MODERATELY SOFT, CALCAREOUS, MODERATELY LITHONED, MEDIUM GREY
TYPICAL 5BO.  CORE IS MODERATELY TO STRONGLY BROKEN.
470-477 - 2' RECOVERED
477-EOI - INTACT
999
 481.0     486.0       14

MEDIUM GREY, MODERATELY SOFT, MODERATELY LITHONED, NONCALCAREOUS
DOLOMITIC PHYLLITE - QUARTZOSE BANDS WITH DOLOMITIC WEATHERING
LIGHT TAN BROWN COLOUR.  NO PORPHS SEEN.  CORE INTACT TO MODERATELY
BROKEN - NO FAULT TO RELATE DOLOMITE TO - ORIGINAL DOLOMITE??
999
 486.0     760.5       15      5BO

MODERATELY SOFT, MEDIUM GREY, MODERATELY LITHONED, CALCAREOUS
```

PHYLLITE. BOTH PYRITE AND PYRRHOTITE PORPHS 0- NO MIXED SEEN -
ROUGHLY EQUAL PYRITE AND PYRRHOTITE. NO MAJOR AMOUNT OF GREEN
MINERAL IN QUARTZ CARBONATE BANDS.
TOI-585 - INTACT
585-587.5 - GOUGE, INCIPIENT GOUGE, LOWER CONTACT PARALLEL TO
S2 (ARTIFACT) UPPER CONTACT AGAINST QUARTZ GRAIN
AND IS INDETERMINATE
587.5-760.5 - INTACT EXCEPT 707-708.5 IS POKER CHIPPY
999
760.5 763.5 16 5B6$

TYPICAL 5B TEXTURE WITH TAN WEATHERING QUARTZ DOLOMITE BANDS
INSTEAD OF QUARTZ CALCITE BANDS - CORE POKER CHIPPY BUT NO SIG-
NIFICANG FAULTS
999
763.5 780.0 17 5BO

MODERATELY SOFT, MEDIUM GREY, MODERATELY LITHONED CALCARAREOUS
PHYLLITE, INTACT. BOTH PYRITE AND PYRRHOTITE PORPHS - MORE
PYRITE THAN PYRRHOTITE IN THIS INTERVAL - NO MIXED SEEN. NO
MAJOR GREEN MINERAL IN CALCAREOUS BANDS.
999
780.0 794.0 18 5B6$
&O
MEDIUM GREY, MODERATELY SOFT, DOLOMITIC, MODERATELY LITHONED
PHYLLITE - SOME INTERVALS HAVE CALCITE AND DOLOMITE - DOLOMITE
WEATHERING TO A TAN BROWN. NO PORPHS SEEN.
TOI-784 - CORE MODERATEL BROKEN
784-485 - INCIPIENT GOUGE
785-788 - INTACT TO MODERATELY BROKEN
788-789 - RUBBLE, INCIPIENT GOUGE AND GOUGE. STEEP CALCITE FILLED
FRACTURE AT 20 DEGREES TO CORE AXIS BREAKS ON A FRACTURE
AT 50 DEGREES TO CORE AXIS IN OPPOSITE DIRECTION
789-EOI - INTACT
999
794.0 1040.0 19 5BO
(5DO) TRACE
MEDIUM GREY, MODERATELY LITHONED, MODERTELY SOFT, CALCAREOUS
PHYLLITE. AT 834' HAVE 8 M OF MEDIUM CRYSTALLINE BLUE GREY
CALCITE MARBLE. PORPHS OF PYRITE AND PORPHS OF PYRRHOTITE.
PYRRHOTITE > PYRITE. NO MIXED PORPHS SEEN. LOCALLY GET MINOR
AMOUNTS OF MEDIUM GREEN MINERAL IN QUARTZ CARBONATE BANDS BUT NOT
UBIQUITOUS.
TOI-886 - CORE INTACT TO MODERATELY BROKEN
886-888 - POKER CHIPPY, LOCAL RUBBLE AND INCIPEINT GOUGE
888-1040 - INTACT
MIOR S2 PARALLEL 5DO BANDS 3 CM THICK, ONE AT 984.5 OTHER AT 1028
999
1040.0 1043.5 20 5DO
(5BO) 70:30
YELLOWISH GREEN, PS2 FOLIATED, CALCAREOUS, CHLORITE PHYLLITE
WITH S2 PARALLEL BANDS OF COARSE CALCITE AND QUARTZ. MINOR FUCHITE
BLEBS. INTERBANDED TO INTERLAMINATED WITH 5BO GREY PHYLLITE.
INTACT. NO PORPHS SEEN.
999
1043.5 1059.5 21 5BO

MEDIUM GREY, MODERATELY SOFT, LITHONED, CALCAREOUS PHYLLITE.
MINOR MEDIUM GREEN MINERIN IN COARSE QUARTA-CALCITE BANDS BUT
NOT OBVIOUS - HAVE TO LOOK FOR IT. MAINLY PYRRHOTITE PORPHS -

FLAT ELONGATE IN S2 AND SLIGHTLY MORE IRREGULAR IN OUTLINE
THAN ABOVE. INTACT.
999
1059.5 1066.5 22 5B20

MEDIUM DARK GREY, MODERATELY SOFT, CALCAREOUS, PS2 FOLIATED TO
MODERATELY LITHONED PHYLLITE. SLIGHTLY DARKER GREY THAN OVERLYING
UNIT - UPPER CONTACT GRADATIONAL. 1 SMALL CHERT NODULE. PYRRHOTITE
PORPHS. CORE IS POKER CHIPPY OVERALL AND 1063-1064 IS RUBBLE
DUE TO BREAKAGE ALONG FRACTURES AT 20 DEGREES TO CORE AXIS.
999
1066.5 1075.0 23 5DO
(5BO) 80:20
PS2 FOLIATED, MODERATELY SOFT, YELLOWISH GREEN CALCAREOUS,
CHLORITE-MUSCOVITE PHYLLITE - MINOR BRIGHT GREEN FUCHITE SPOTS -
BOTH COARSE "BEADY" QUARTZ CALCITE BANDS AND FINER MEDIUM GREY
CALCAREOUS LAMINAE. INTERBANDED WITH 5BO ON CM TO 10'S CM SCALE.
S2 FOLIA ARE SILVERY, LIGHT, OLIVE GREEN ON 5D (5B ARE TYPICALLY
STEELY GREY). MODERATELY BROKEN TO INTACT.
999
1075.0 1080.0 24 5BO
&2 MINOR
PS2 FOLIATED TO LOCALLY LITHONED, CALCAREOUS, MEDIUM GREY TO
MEDIUM DARK GREY PHYLLITE - PYRITE WITH IRREGULAR OUTLINES
ASSOCIATED WITH QUARTZ-CALCITE EINS - NO GOOD PORPHS. INTACT.
999
1080.0 1083.5 25 5DO
(5BO) 60:40
CALCAREOUS, MODERATELY SOFT, YELLOWISH GREEN, PS2 FOLIATED,
CHLORITIC PHYLLITE - BOTH LAMINAE TYPES AND FUSCHITE SPOTS AS
#23 IN 5D - MOST 5D IN UPPER PORTION OF UNIT, 5BO IN BOTTOM.
LOWER CONTACT LAST SMALL (2CM) BAND OF 5DO. INTACT.
999
1083.5 1221.0 26 5BO

MODERATELY SOFT, CALCAREOUS, MEDIUM GREY, MODERATELY LITHONED
TYPICAL 5BO. 1204.5 - 5D BAND, 5CM THICK. DOMINANTLY PYRRHOTITE
PORPHS A FEW PYRITE AND SOME MIXED WITH PYRITE GOING TO
PYRRHOTITE.
TOI-1155 - INTACT
1155-1171 - MODERATELY TO STRONGLY BROKEN, LOCAL RUBBLE AND
INCIPIENT GOUGE ZONES PARALLEL TO S2, RECOVERY OK -
MINOR FAULT
1171-EOI - INTACT
999
1221.0 1237.5 27 5BO
(5DO) 80:20
5D AS 1-20 CM BANDS - OLIVE GREEN, PS2 FOLIATED - HAS THIN
CALCITE LAMINAE AND THICK CALCITE QUARTZ BANDS - SHARP CONTACTS
PARALLEL S2 AND LOCALLY S1. 5B WELL LITHONED, MEDIUM GREY AND
CALCAREOUS. 1 PYRITE AND 1 PYRRHOTITE PORPH, NO MIXED.
1237.5 1267.0 28 5BO

MODERATELY WELL LITHONED, TYPICAL 5B TEXTURE - THE LITHONS HERE

ARE BECOMING THINNER (1-3 CM THICK) WITH MORE PRONOUNCED, THICKER
DARK S2 FOLIA BETWEEN THEM AS GO DOWN THE HOLE. PYRRHOTITE PORPHS
AND 1 MIXED PYRITE AND PYRRHOTITE PORPH.
TOI-1266 - INTACT
1266-EOI - RUBBLE
999

1267.0 1269.0 29 5B6$

SAME PHYLLITE AS ABOVE BUT WITH DOLIMITE AND QUARTZ BANDS AND
LITHONS RATHER THAN CALCITE AND QUARTZ - LOWER CONTACT WITH GOGUE
AND RUBBLE ZONE PARALLEL S2 BUT WITH FRACTURES NEARBY AT
45/000 TO CORE AXIS
999
1269.0 1272.0 30 5B20

SLIGHTLY DARKER GREY, LITHONED, CALCAREOUS PHYLLITE - LITHONS
1 CM THICK AND INTERNALLY FINELY LAMINATED AS USUAL - FIRST
6" IS GOUGE REMAINDE INTACT.
999
1272.0 1309.5 31 5B0
(5D0) TRACE
MODERATLY SOFT, CALCAREOUS, LITHONED,, MEDIUM GREY. 7CM 5D0 BAND
AT 1286 IN S2 PARALLEL CONTACTS - SLIGHT BLEACHING FOR
5MM NEX TO CONTACT. SOME PYRITE PORPHS BUT MAINLY PYRRHOTITE
AND MINOR MIXED. INTACT.
999
1309.5 1312.0 32 5B6$

MEDIUM GREY, MODERATELY SOFT, GENERALLY PS2 FOLIATED, LOCALLY
LITHONED, NONCALCAREOUS, DOLOMITIC PHYLLITE. NO PORPHS SEEN.
FIRST 1' IS RUBBLE TO STRONGLY BROKEN.

999
1312.0 1387.0 33 5B0

MEDIUM GREY, MODERATELY WELL LITHONED, MODERATELY SOFT, CALCAREOUS
PHYLLITE - LOCALLY MEDIUM TO DARK GREEN MINERAL IN CALCITE-QUARTZ
BANDS BUT NOT UBIQUITOUS. MINOR PYRRHOTITE PORPHS AND LESSER
PYRITE PORPHS.
TOI-1376 - INTACT
1376-1377 - DRILLER INDUCED RUBBLE
1377-1386 - INTACT
1386-1387 - INCIPIENT CRACKLE BRECCIA THAT RAPIDLY CHANGES INTO
FLASER FOLIATED FAULT ROCK WITH QUARTZ VEIN CLASTS
FOR LAST 1", FOLIATION AT 40 DEGREES TO CORE AXIS
999
1387.0 1389.0 34 5D0

OLIVE GREEN, PS2 FOLIATED, MODERATELY SOFT, CALCAREOUS, EXCELLENT
SLIGHTLY COARSER IRREGRUAR (BEADY) CALCAREOUS QUARTZ BANDS. S2
FOLIA ARE LIGHT, SILVERY GREEN WITH SPLOTCHES OF MEDIUM GREEN.
UPPERMOST 3" IS SHEARED WITH FLASER TEXTURE AS IN LAST UNIT.
999
1389.0 1422.5 35 5B0
& BIOTITE VERY MINOR
MODERATELY SOFT, MEDIUM GREY, MODERATELY LITHONED, CALCAREOUS
PHYLLITE. TOP OF INTERVAL TO 1392 LOOKS SHEARED AND HAS

INCIPIENT CRACKLE BRECCIA - IT HAS GREENISH TINGE AND LOCALLY
HAS BIOTITE DEVELOPED IN CALCITE QUARTZ BANDS - POSSIBLY RELATED
TO HIGHER CRACKLE CONTENT OR QUARTZ VEINING OR SHEARING?? THIN
DO BAND 10 CM AT 1392. LAST 1' IS DOLIMITIC AND NONCALCAREOUS.
INTACT.
999
1422.5 1428.0 36 5D6$
-> 5DO
TOI TO 1414 IS DOLOMITIC, BELOW 1424 IS CALCAREOUS. MODERATELY

SOFT, HOMOGENOUS, PS2 FOLIATED, MEDIUM TO OLIVE GREEN, CHLORITIC
PHYLLITE. LOWER CONTACT PLACED AT START OF TRANSITION TO GREENISH
GREY PHYLLITE WITH SILVERY GREY ON S2 FOLIA. AT APPROXIMATELY
1427.5 START TO GET SHEARING/FLASER FABRIC/FAULT BRECCIA MATERIAL
OBSCURES LOWER CONTACT. CORE BORKEN - SOME RUBBLE AND REDRILLED
CORE, BUT RECOVERY OK.
999
1428.0 1430.5 37 5A0
(5D)(5B4) BRECCIA
INTERLEAVED, CARBONACEOUS PHYLLITE; OLIVE GREEN METABASITE AND
GREENISH GREY ALTERED PHYLLITE. TYPICAL FAULT ROCK TEXTURE A LA
TIE FAULT.
999
1430.5 1440.0 38 5A91
MINOR BRECCIA
DARK GREY TO BLACK, MODERATELY HARD TO HARD, NONCALCAREOUS, PS2
FOLIATED PHYLLITE. LOCALLY MODERATELY SOFT. LOCALLY CONTAINS
WELL DEVELOPED DISSEMINATED SULPHIDE BANDING. PYRITE AND
SPHALERITE IN LAMINAE TO LENSES WHICH ARE CONTINUOUS TO DISCON-
TINUOUS ACROSS CORE. TEXTURE LIKE SHEARED ROCK OF AUGEN/LENSES/
CLASES OF QUARTZ IN A WAVY IRREGULARLY FOLIATED MATRIX. CORE
SPLIT - MIGHT HAVE BEEN RUBBLY BEFORE SPLITTING. DOES NOT LOOK
LIKE TYPICAL 4A QUARTZ SULPHIDE BANDING JUST FINE GRAINED SULPHIDE
BANDS IN A UNIFORMLY FINE GRAINED PHYLLITIC MATERIAL RATHER THAN
FINE GRAINED HARD BLUE GREY BANDS OF 4A. CONTINUATION OF FLASER
TEXTURE AND LACK OF SIMILARITY TO 4A SUGGEST CONTINUATION OF
ABOVE FAULT ROCKS WITH SULPHIDE FLOODING/IMPREGNATION?
1437-1438 - GOUGE
1438-1438.5 - QUARTZ VEIN
1438.5-EOI - RUBBLE, COARSE AND FINE
TOTAL SULPHIDES FROM 5-30%, AVERAGE APPROXIMATELY 10%. 5-10 CM
VERY SULPHIDE RICH BANDS
999
1440.0 1448.0 39 5A69
V MINOR
DARK GREY TO BLACK, PS2 FOLIATED, MODERATELY SOFT TO LOCALLY
MODERATLY HARD, NONCALCAREOUS, CARBONACEOUS PHYLLITE. MINOR
DOLOMITE FLASH. ROCK LOCALLY BRECCIATED - IN THIS SECTION
PHYLLITE HAS MORE REGULAR PLANER CRENULATION - BRECCIATION IS
ALONG LATE STEEP FRACTURES. MINOR PYRITE AND PYRRHOTITE MAINLY
ALONG LATE FRACTURES. MINOR DISSEMINATED SPHALERITE. SPLIT -
ORIGINAL STATE?
999
1448.0 1450.0 40 5D$4
MINOR
MODERATELY SOFT, DULL MEDIUM GREENISH GREY, HOMOGENOUS, PS2
FOLIATED, NONCALCAREOUS, DOLOMITIC, CHLORITIC PHYLLITE. HOMO-
GENOUS TEXTURE FINE GRAIN SIZE AND QUARTZ-DOLOMITE BANDS IMPLIES

5D. ABUNDANT QUARTZ AND DOLOMITE VEINS ALONG CROSSCUTTING FRACTURES -
S2 LOCALLY QUITE STEEP. NOT SPLIT - ORIGINALLY INTACT.
999
1450.0 1453.0 41 5S6$
MINOR 9 MINOR
DARK GREY TO LOCALLY BLACK, NONCALCAREOUS, WEAKLY DOLOMITIC,
MODERATELY SOFT TO MODERATELY HARD, PS2 FOLIATED PHYLLITE. THINLY
LAMINATED WITH MEDIUM DARK GREY SLIGHTLY DOLOMITIC BANDS. PYRITE
IS MAIN SULPHIDE OCCURING IN CROSSCUTTING FRACTURES - MINOR PYRITE
AS EUHEDRAL PORPHS. C MINOR DISSEMINATED FINE GRAINED SPHALERITE.
PLANER S2 FABRIC - NO READILY VISIBLE FLASER FOLIATION.
999

1453.0 1460.0 42 5C$7

SOFT, DOLOMITIC, MEDIUM GREY/DARK GREEN, LEOPARD ROCK TEXTURED
METABASITE. WELL DEVELOPED ANASTOMOZING CHLORITIC PHYLLITE.
OVERALL COLOUR OF ROCK MORE GREY THAN GREEN. UPPER 2" IS
STRONGLY FOLIATED WITH LOCAL FLASER FOLIATION TEXTURED BRECCIA.
LOWER CONTACT IS TRANSGRESSIVE TO S2 MINOR FAULT OR SULPHIDE
"INTRUSEVE" CONTACT.
999
1460.0 1461.0 43 4Q4$
7
MASSIVE PYRRHOTITE WITH MINOR SPHALERITE AND MASSIVE PYRRHOTITIC
PYRITE SULPHIDES ALSO WITH SPHALERITE WITH COARSE DOLOMITE-
QUARTZ VEINS/PATCHES. SULPHIDES ARE FINE GRAINED AND BANDED AND
ARE TRANGRESSIVE TO S2 - VEIN?? OR DUCTILE FLOW INTRUSION?
999
mAu +px+$) +fx]$) ff !D}■
(5D6) 70:30
STRONGLY FOLIATED, BANDED GREY AND MEDIUM DARK GREEN LEOPARD
ROCK, NONCALCAREOUS, NONDOLOMITIC (NO FIZZ IN 20%), MODERATELY
SOFT - BOTTOM 6" IS HOMOGENOUS, FINE GRAINED, MEDIUM GREYISH
GREEN - LOWER CONTACT APPROXIMATELY PARALLEL TO S2 AND SHARP.
UPPER CONTACT IS FLASER TEXTURED BRECCIA.
999
1463.0 1465.0 45 4E48
(5A691 MINOR) 70:30
NONCALCAREOUS, NEARLY MASSIVE PYRITIC SULPHIDES, FINE GRAINED,
POORLY BANDED WITH SPHALERITE RICH BANDS - DISCONTINUOUS BLACK
MAGNETITE STREAKS. LOCALLY SULPHIDE IN SULPHIDE BRECCIA TEXTURE.
CENTRED 6-8" IS DARK GREY TO BLACK, HARD TO MODERATELY HARD, PS2
FOLIATED, NONCALCAREOUS, ARBONACEOUS, SLIGHTLY SILICEOUS PHYLLITE
WITH SOME QUARTZ PYRITE BANDING (A LA 4A). SPLIT - ORIGINALLY
INTACT? REMAINING BITS OF RUBBLE AT CONTACT SAYS APPROXIMATELY
PARALLEL TO S2, LOWER MINOR FAULT AT 30 DEGREES TO CORE AXIS
CUTTING S2?
999
1465.0 1469.0 46 5C$7

LEOPARD ROCK - DOLOMITIC METABASITE SIMILAR TO #42. TOP 6" IS
HOMOGENOUS, MEDIUM GREEN, NONCALCAREOUS, NONDOLOMITIC 5D6.
SYMMETRY SUGGESTED WITH SULPHIDES AND PHYLLITE FOR THIS UNIT
AND LAST TWO UNITS SUGGESTS FOLD HINGE CENTERED AROUND PHYLLITE
AT 1464' THEREFORE THIS IS SAME METABASITE AS #44?
999
1469.0 1470.0 47 4E0

BRECCIA
MASSIVE TO NEARLY MASSIVE PYRITIC SULPHIDE, LOCAL SULPHIDE IN
SULPHIDE BRECCIA TEXTURE - MINOR SPHALERITE BANDING - UPPER CONTACT
MINOR FAULT AT APPROXIMATELY 10 DEGREES TO CORE AXIS
999
1470.0 14 48 4C5
?[5A6491]?[5B6291]
MEDIUM DARK GREY TO DARK GREY, NONCLACAREOUS, MODERATELY HARD TO
HARD (MODERATELY SOFT LOCALLY), PS2 FILIATED PHYLLITE. S2 FOLIA
SILVERY GREY TO BLACK. SULPHIDES ARE PYRRHOTITE > PYRITE > SPHALERITE
PYRRHOTITE TENDS TO FORM FINE GRAINED NETWORK ALONG FRAGCUTES -
PYRITE AS SMALL EUHEDRAL PYRRHOTITE-PYRITE BLASTS - SPHALERITE
DISSEMINATED DOMINANTLY ASSOCIATED WITH THE PYRRHOTITE NETWORK
1 PIECE LOOKS LIKE 4A, REST LOOKS MORE LIKE "ALTERED-SILICIFIED"
PHYLLITE. TOTAL SULPHIDES APPROXIMATELY 5-10%

999
1472.0 1487.0 49 4C07
[L1247]?
CREAMY WHITE, MCDERATELY HARD TO HARD, MUSCOVITIC QUARTZITE WITH
QUARTZ-SULPHIDE BANDS APPROXIMATELY 1 CM THICK CONTAINING PYITE,
PYRRHOTITE AND MINOR SPHALERITE, BOTH ALONG S2 AND FOLDED BY S2
SAME SULPHIDES ALSO ALONG S2 CUTTING FRACTURES. WITHIN QUARTZ-
SULPHIDE BANDS, SULPHIDES FORM FINE NETWORK TEXTURE. TOTAL
SSULPHIDES APPROXIMATELY 15%, PYRITE > PYRRHOTITE. ALTERED WALL-
ROCK, ALTERED 4A OR JUST ORIGINALLY 4C?? - CAN'T TELL. SPLIT
ORIGINALLY INTACT.
999
1487.0 1493.0 50 5B26
9 &4 [3G96 &4]
MEDIUM GREY TO DARK GREY, MODERATELY SOFT TO MODERATELY HARD,
NONCALCAREOUS, PS2 FOLIATED PHYLLITE. LOCALLY WELL DEVELOPED
SER FOLIA BRECCIA TEXTURE - MINOR QUARTZ AUGEN. PHYRITE AND
SPHALERITE AND MINOR PYRRHOTITE DISSENIMATED ALONG FINE FRACTURES
2 SHORT (10 CM) INTERVALS WHERE PHYLLITE IS BLEACHED TO MUSCOVITE
QUARTZ OFF CREME PHYLLITE WITH SAME FRACTURE NETWORK SUILPHIDES.
TOTAL SULPHIDES APPROXIMATELY 5%.
SPLIT ORIGINALLY INTACT.
999
1493.0 1513.0 51 3G0
STRINGERED ->(3G4 STRINGERED) 95:05
MEDIUM TO MEDIUM DARK GREY, MODERATELY SOFT, NONCALCAREOUS,
GENERALLY PS2 FOLIATED, LOCALLY LITHONED PHYLLITE. S2 FOLIA S
STEELY GREY - CONTAINS MINOR CROSS CUTTING QUARTZ CHLORITE &
PYRRHOTITE FINE STRINGER VEINLETS AND ALSO SOME THAT ARE FOLDED.
CONTAINS CROSSCUTTING MEDIUM CRYSTALLINE ORANGE WEATHERED QUARTZ
DOLOMITE VEINLETS. LAST 1.5' IS BLEACHED TO LIGHT GREY GREEN
ALSO HAS STRINGERS. INTACT.
999
1513.0 1514.0 52 5C$7
MINOR
LIGHT GREYISH GREEN, PS2 FOLIATED, DOLOMITIC, CHLORITIC PHYLLITE -
APPEARS TO CONTAIN MINOR 3G4 BAND IN CENTRE - MINOR GREEN CHLORITE
ALONG S2 FOLIA.
999
1514.0 1529.0 53 3G0
STRINGERED MINOR -> (3G4 STRINGERED)
SAME AS #51 - LOWER CONTACT HAS FLASER FOLIATION BRECCIA FOR FEW

CM - ONLY MINOR STRINGERS. TOP 3' IS SLIGHTLY ALTERED TO LIGHT
TO MEDIUM GREENISH GREY.
999
1529.0 1530.0 54 4DS
(4LO) 70:30
PYRITIC BASE METAL BEARING QUARTZITE WITH MINOR INTERLEAVED
OFF CREAME MUSCOVITIC PHYLLITE, S2 FOLIA IN QUARTZITE ARE LOCALLY
DARK GREY TO BLACK - OVERALL COLOUR OF QUARTZITE IS MEDIUM GREY
WITH BROWN SPHALERITE SECTIONS. TOTAL SULPHIDES APPROXIMATELY
30%. PYRITE > SPHALERITE.
999
1530.0 1531.5 55 5D46
9 &3
LIGHT GREENISH GREY TO GREENISH WHITE - PS2 FOLIATED - HOMOGENOUS -
LOCALLY CALCAREOUS PHYLLITE. S2 FOILA ARE PALE GREENISH CREME -
MINOR FRAGMENTED PHYRITE DISSEMINATED IN STREAKS ALONG S2 AND IN
CROSSCUTTING FRACTURES - INTACT - LAST 6" SPLIT.
999

1531.5 1537.5 56 5A16
9 MINOR $ MINOR (4DO) 60:40
DARK GREY TO BLACK, GENERALLY MODERATELY HARD TO HARD, LOCALLY
MODERATELY SOFT, WEAKLY DOLOMITIC, NONCALCAREOUS, CARBONACEOUS,
SILICEOUS PHYLLIT. DOLOMITE DISSEMINATED IN THIN MEDIUM GREY
LAMINAE. S2 FOILA ARE DARK STEELY GREY. MINOR QUARTZ-SULPHIDE
ANDING WITH PYRITE>>SPHALERITE. INTERBANDED IN THIN TO MEDIUM
SCALE IS OFF CREME MUSCOVITE-QUARTZITE, NONCALCAREOUS, CONTAINING
QUARTZ-SULPHIDE BANDS WITH PYRITE>>SPHALERITE. SULPHIDES MUC MORE
COMMON IN MUSCOVITE-QUARTZITE APPROXIMATELY 35% TOTAL SULPHIDES.
TOTAL SULPHIDES IN CARBONACEOUS PHYLLITE IS 5% OR LESS. CONTACTS
BETWEEN LITHOLOGIES ARE SHARP. 5A TRANSITIONAL TO 4AO EXPECIALLY
IN UPPER PORTION OF INTERVAL - OVERALL 5A IS QUITE MICACEOUS.
SPLIT ORIGINALLY INTACT.
999
1537.5 1545.0 57 4CO
SERICITIC [4L2 &1]
PALE GREENISH WHITE, MODERATELY SOFT TO HARD, MUSCOVITIC-QUARTZ
PHYLLITE. CONTAINS QUARTZ-SUPHIDE BANDS PARALLEL TO S2 LOCALLY
D2 FOLDED. DOMINANTLY PYRITE IN THE BANDS - BANDS 2-3 MM TO UP
TO 1 CM THICK. AT 1538.5 IS 5 CM OF 5D4$. UPPER CONTACT
GRADATIONAL AND MARKED BY LACK OF CARBONACEOUS PHYLLITE INTER-
BANDS. LOWER CONTACT IS MINOR FAULT AT 20/000. TOTAL SULPHIDES
IS APPOXIMATELY 10%, MAINLY PYRITE, MINOR SPHALERITE. SPLIT
ORIGINALLY INTACT. PROBABLY ALTERAION SUPERIMPOSED ON PREVIOUS
UNIT.
999
1545.0 1551.0 58 3G9
->3G9 BRECCIA DOWNHOLE
MODERATELY SOFT TO MODERATELY HARD, PS2 FOLIATED, NONCALCAREOUS,
MEDIUM DARK GREY PHYLLITE. MINOR INTERBANDS OF GREENISH GREY
5D64, 2 BANDS 5 CM THICK. UNIT HAS VERY DISRUPTED S2 FOLIATION
LOCALLY APPROACHING FLASER FABRIC. ONE BAND OF CABONACEOUS,
SILICEOUS PYRTIE RICH PHYLLITE 5CM AT 1549. STARTING TO SEE FAULT
BRECCIA AND EXOTIC CLASTS WITHING THE BRECCIA SUCH AS THE LAST
MENTIONED BAND. MOST OF THE UNIT IS JUST INCIPIENT FAULT BRECCIA
GRADING INTO NEXT UNIT.
999
1551.0 1568.5 59 5A61

BRECCIA (3GO) (5D46)
HARD, DARK GREY TO BLACK, FLASER FOLIATED FAULT ROCK - VEIN QUARTZX
TO AUGEN - IRREGULAR SHAPED NETWORKS TO DISSEMINATED PYRITE ALONG
FLASER FOLIATION (NOT SULPHIDE CLASES) - LOCAL MINOR CLASTS O
PALE CREME FINE GRAINED METABASITE - MINOR CALCITE CLASTS - LOCALLY
PHYLLITE IS MODERATELY SOFT, MEDIUM GREY - LOCALLY FLASER FOLIATION
IS FOLDED.
TOI-1560 - INTACT
1560-1561 - 1' GOUGE
1561-1564 - INTACT
1564-EOI - MAINLY INDETERMINATE GOUGE
999
1568.5 1576.0 60 3G96
MINOR ->3G916 MINOR
DARK GREY TO MEDIUM DARK GREY TO MEDIUM GREY, MODERATELY SOFT TO]
MODERATELY HARD TO LOCALLY HARD, GENERALLY PS2 FOLIATED, & CARBON-
ACEOUS PHYLLITE. PYRITE AS IRREGULAR NETWORK IN CROSSCUTTING
FRACTURES. MINOR INTERBANDED 5D64 AS #59. S2 CLEVAGE IS RELATIVELY
PLANAR - LESS DISRUPTED PHYLLITE THAN #59. INTACT.
999
1576.0 1578.5 61 5D14

MINOR
HARD, LIGHT GREEN, HOMOGENOUS, NONCALCAREOUS, CHLORITE-MUSCOVITE-
QUARTZITE. LOWER CONTACT GRADATIONAL INTO WELL DEVELOPED FAULT
BRECCIA WITH CLASTS OF THIS UNIT AND THE NEXT UNIT IN LIGHT MEDIUM
GREEN MATRIX. PROBABLY A 5D BAN THAT WAS SILICIFIED AND THEN
INVOLVED IN FAULTING. INTACT.
999
1578.5 1581.5 62 3F9

VERY DARK GREY, FINELY CRYSTALLINE, CALCITE MARBLE INTERBANDED
WITH MUCH LESS CARBONACEOUS, MODERATLY SOFT PHYLLITE - EXTENSIVE
CRACKLE BRECCIA DEVELOPED - LOCAL ZONES OF HIGH SHEARING FLASER
TEXTURE DEVELOPED. MINOR PYRITE AND SPHALERITE ON FRACTURES -
INTACT.
999
1581.5 1607.5 63 3G9
& BRECCIA
DARK GREY, MODERATELY SOFT TO MODERATELY HARD, PS2 FOLIATED,
NONCALCAREOUS PHYLLITE. LOCALLY THINLY LAMINATED IN SHADES OF
GREY - COLOUR BANDED BUT ALL BANDS APPROXIMATELY THE SAME HARDNESS.
UPPERMOST 1' IS FAULT BRECCIA - TYPICAL "5A*" TYPE BRECCIA GRADES
DOWN INTO NORMAL PHYLLITE WITH ZONES OF CRACKLE BRECCIA AND LOCAL
FAULT BRECCIA - INTACT.
999
1607.5 1609.0 64 5C$
BRECCIA
STRONGLY FRACTURED AND VEINED - STRONGLY SHEARED, DARK GREEN,
SLIGHTLY DOLOMITIC, SOFT CHLORITIC PHYLLITE - CROSSCUTTING FACTURES
FILLED BY DARK GREEN CHLORITIC PYRITE AND REDDISH BROWN SPHALERITE -
ZIP ALL GRADE - LOCALLY RELICT MOTTLING SEEN WITH TAN WEATHERED
DOLOMITE - INTACT.
999
1609.0 1621.5 65 3G09
BRECCIA
FAULT BRECCIA - DOMINANTLY NONCALCAREOUS, MODERATELY SOFT, MEDIUM
DARK GREY PHYLLITE - LESSER LITHOLOGIES INCLUDE: DARK GREY TO

575 BLACK CARBONACEOUS PHYLLITE, DARK GREENISH GREY FINE GRAINED,
576 CALCAREOUS METABASITE, GENERALLY HAS MODERATELY TO WELL DEVELOPED
577 FLASER FOLIATIONS - LOCALLY WITH CALCITE - QUARTZ AUGEN. INTACT.
578 999
579 1621.5 1631.5 66 3FO
580 CALC-SILICATE
581 MODERATELY CRYSTALLINE, MEDIUM GREY TO BLUISH GREY, CALCITE MARBLE
582 WITH INTERBANDS OF GREEN CALCITE SILICATE. VERY FRACTURED AND
583 BROKEN ASPECT - IRREGULAR S2 PARALLEL SHEER PLANES BUT LACKS FINE
584 GRAINED, FLINTY MYLONITIC APPEARANCE - CORE INTACT - CRACKLE
585 BRECCIA AND COARSE QUARTZ CALCITE VEINLET PARALLEL TO CORE AXIS.
586 999
587 1631.5 1702.0 6710A31
588 &9
589 MODERATELY CRYSTALLINE, BIOTITE QUARTZ DIORITE EXCELLENT QUARTZ
590 RIBBON FOLIATION DEVELOPED. LOCALLY HIGHLY ALTERED TO OFF CREAMY
591 SHITE STILL HARD, PRESUMABLY CLAY RICH ASSEMBLAGE - LOCALLY CONTAINS
592 COARSE QUARTZ FELDSAR MUSCOVITE TOURMALINE REGMATITE VEINS WHICH
593 ARE FOLIATED PARALLEL TO FOLIATION IN HOST ROCK BUT CONTACTS NOT
594 PARALLEL TO FOLIATION. MINOR PRESUMED POTASSIUM FELDSPAR MICRO-
595 PHENOCRYSTS IN MAIN INTRUSIVE C & S ANDS VISIBLE MAINLY IN SOME OF
596 THE HIGHLY ALTERED OFF WHITE SECTIONS. LOCALLY ROCK IS BRECCIATED
597 TO FAULT BRECCIA - BUT CALCITE ON FRACTURES.
598 999

599 1702.0 1704.0 68 1BO
600 [1B13]
601 MEDIUM GREEN, HARD, CALCAREOUS, CALCITE SILICATE INCLUSION IN
602 INTRUSIVE - LOOKS LIKE A COARSE GRAINED TACTITE - CONTAINS MINOR
603 GARNET. INTACT.
604 999
605 1704.0 1720.0 6910AB1
606 &9
607 SAME AS #67, LOCALLY ALTERED TO PALE GREEN COLOUR - STILL WITH
608 EXCELLENT RIBBON QUARTZ FOLIATION - SHEER FOLIATION VISIBLE LOCALLY
609 IN WEATHERED INTRUSIVE.
610 999
611 EOH
612 TIE FAULT IS 1428' - 1631'
613 999