003802

```
 1      0.0      89.0        1        #
 2     NO RECOVERY
 3     999
 4      89.0      90.0        2        #
 5     GRANITE PEBBLES
 6     999
 7      90.0      97.0        3       3G0
 8
 9     SOFT, NONCALCAREOUS, PS2 FOLIATED, MEDIUM GREEN-GREY PHYLLITE -
10     GREY S2 FOLIA - WEATHERS RUSTY BROWN - POKER CHIPPY - RECOVERY
ff     PL } T*SPt9MZ XFB*IFSF8
1<     fff
13     97.0     143.8        4       3G92
14    &6 MINOR -> 3E2 &6 MINOR
15    MODERATELY SOFT TO MODERATELY HARD, PS2 FOLIATED, MEDIUM DARK
16    GREY TO DARK GREY TO BLACK, NONCALCAREOUS PHYLLITE - MODERATE
17    DOLOMITE FLASH - MINOR FRAGMENTED PYRITE DISSEMINATED IN QUARTZOSE
18    BANDS AND AS STREAKS ON S2
19    97 -121   - POKER CHIPPY TO RUBBLY, RECOVERY OK
20    121-143.8 - MODERATELY BROKEN RUBBLY, RECOVERY OK
21    NO SIGNIFICANT FAULTS
22    AWFULLY CLOSE TO 3E/5A
23    999
24    143.8     156.0        5       3G9
25    &3
26    MODERATELY SOFT TO MODERATELY HARD, DARK GREY TO BLACK, PS2 FOLIATED
27    PHYLLITE - WITH MINOR CALCAREOUS BANDS <5 CM THICK (LESS THAN
28    5% OF UNIT) - ROCKS LOCALLY SLIGHTLY BANDED IN SHADES OF GREY -
29    INTACT - LOCALLY MODERATELY BROKEN - NO FAULTS
30    999
31    156.0     165.2        6       3G39
32    MINOR
33    MODERATELY SOFT TO MODERATELY HARD, MEDIUM DARK GREY, VERY CALCAREOUS,
34    FINELY CRYSTALLINE, SLIGHTLY CARBONACEOUS MARBLE INTERBANDED WITH
35    DARK GREY, NONCALCAREOUS PHYLLITE - BANDING ON MM TO 10'S OF CM
36    BASIS - SLIGHT BROWN AND GREEN DEVELOPMENT IN CALCAREOUS BANDS -
37    GENERALLY BANDED PARALLEL S2 - LOCAL LITHONS.  INTACT.
38    999
39    165.2     187.0        7       3G39
40    MINOR
41    MODERATELY SOFT TO MODERATELY HARD, DARK GREY TO BLACK, COMPONENT
42    BANDED PHYLLITE - MICACEOUS PHYLLITIC BANDS INTERBANDED WITH
43    FINE GRAINED, TAN WEATHERED QUARTZ CALCITE ON A SCALE  OF MM AND
44    EXCELLENT D2 FOLDS DEVELOPED.  30-50 CM BAND RICH SECTIONS ALTER-
45    NATING WITH NOT BANDED SECTIONS - 20-40% CALCAREOUS OVERALL - LIGHTER
46    THAN UNIT 5, DARKER THAN 6.  INTACT, RECOVERY OK.
47    999
48    187.0     188.0        8       3G93
49    BRECCIA
50    SOFT, CALCAREOUS, COHERENT FAULT BRECCIA - DARK GREY - ONE BAND
51    OF 5D49 PYRITE - INTERNAL AT 45 DEGREES TO CORE AXIS - LOWER
52    PARALLEL TO S2 - INTACT.
53    999
54    188.0     370.0        9       5A19
55    MINOR (5D6) TRACE
56    DARK GREY TO BLACK, HARD TO VERY HARD, PS2 FOLIATED, MINOR, COARSER
57    GRAINED QUARTZ PYRITE BANDS GENERALLY PARALLEL TO S2 (SIMILAR
58    TEXTURE TO 4A) LOCAL SMALL BLACK CHERT NODULES - STRONG DOLOMITE
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FLASH. 5D EQUALS 3" BAND AT 192.5'
188-260 - HARD BUT CAN BE SCRATCHED WITH NAIL
260-292 - VERY HARD, DIFFICULT TO SCRATCH, NAIL SLIPS OFF
292-370 - HARD, BUT CAN SCRATCH - NAIL LEAVES GROVE IN CORE WITH
          EFFORT.
INTACT, BUT FOR MINOR BROKEN RUBBLY ZONES AS AT 334-338 EQUALS
1' RECOVERED AND 366-370 EQUALS RUBBLE, RECOVERY OK. MINOR
FAULT BRECCIA RECOVERED IN THIS INTERVAL. INTERNAL APPROXIMATELY
45 DEGREES TO CORE AXIS.
999
370.0   414.3   10   3G0
&3 TRACE
MODERATELY SOFT TO SOFT, MEDIUM GREY, PS2 FOLIATED, GENERALLY
NONCALCAREOUS PHYLLITE - SLIGHT S2 PARALLEL COLOUR BANDING IN
GREYS - UPPER 10' WEATHERS RED BROWN ALONG S2 - VERY MINOR, THIN
CALCITE BEARING BANDS. UPPER CONTACT CRACKLE BRECCIATED - MAY
BE A MINOR FAULT CONTACT. QUARTZ SWEATS WITH CHLORITE SELVEDGES
AMOUNT TO 5% OF UNIT IN CONTRAST TO UNITS ABOVE WHICH HAVE ESSENTIALLY
NONE. MODERATELY BROKEN TO INTACT. RECOVERY OK.
999
414.3   420.5   11   3F9
(3G93) 80:20
MODERATELY SOFT TO MODERATELY HARD TO HARD, PS2 FOLIATED, FINELY
CRYSTALLINE, CARBONACEOUS CALCITE MARBLE - LOCALLY WITH LITHONS -
HAS THIN BLACK PHYLLITE BANDS BOTH SOFT AND HARD AND NONCALCAREOUS
TO VARIABLY CALCAREOUS LITHONS SOME HAVING GREEN AND BROWN MINERAL
(CALC-SILICATE AND BIOTITE). INTACT.
999
420.5   457.0   12   3G9
&3 &CALC-SILICATY VERY MINOR & BIOTITE MINOR
MODERATELY HARD, MEDIUM DARK GREY TO DARK GREY, PS2 FOLIATED
PHYLLITE - CONTAINS NUMEROUS QUARTZOSE BANDS LOCALLY WITH DISSEMINATED
ACTINOLITE, QUARTZOSE BANDS LOCALLY CALCAREOUS - IN DETAIL HAS
FINE LITHON TEXTURE IN QUARTZOSE BANDS - OVERALL UNIT IS HOMO-
GENOUS, PYRITE FILLING FRACTURE, PYRRHOTITE AS FLATTENED, ELONGATE
IRREGURLAR PORPHS.
420.5-422 - RUBBLE GOUGE AND FAULT BRECCIA, INTERNAL FOLIATION
            APPROXIMATELY 50 DEGREES
402-444   - INTACT
444-448   - MODERATELY BROKEN TO RUBBLY
448-455   - INTACT
455-EOI   - POKER CHIPPY TO RUBBLY
POSSIBLE MINOR FAULT AT TOP OF UNIT #12, RECOVERY ALL OK.
999
457.0   467.0   13   3G9
&CALC-SILICATY &BIOTITE (10Q0) 90:10
SIMILAR TO LAST UNIT - QUARTZOSE BANDS WITH CALC-SILICATY (GREEN)
AND BIOTITE (BROWN) - CAN SEE LITHON TEXTURE BUT NONCALCAREOUS -
DARK GREY
TOI-459 - INTACT TO MODERATELY BROKEN
459-462 - MODERATELY BROKEN TO POKER CHIPPY ASSOCIATED WITH 10Q
462-EOI - INTACT
999
467.0   478.5   14   3G9
CALC-SILICATY &BIOTITE &3
MODERATELY SOFT TO MODERATELY HARD, DARK GREY, CARBONACEOUS
PHYLLITE WITH NUMEROUS QUARTZOSE BANDS WITH GREEN (CALC-SILICATY)
& BIOTITE, QUARTZOSE BANDS ALSO VERY CALCAREOUS. UNIT BECOMES
HARDER NEAR EOI. QUARTZOSE BANDS IN DARK, HOMOGENOUS, NONCALCAREOUS
PHYLLITE. INTACT.

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999
478.5     522.0       15        3G9
&1
DARK GREY TO BLACK, PS2 FOLIATED, HARD (WITH SOFT INTERVALS IN
UPPER PART OF UNIT), THIN PYRRHOTITE DISSEMINATED BANDS AND CROSS-
CUTTING FRACTURES WITH PYRRHOTITE AND PYRITE, NONCALCAREOUS, 1-2%
TOTAL SULPHIDES, LESS THAN USUAL 5A19 OR 5A19 MINOR.
TOI-515 - INTACT
515-521 - 2.5' RUBBLE RECOVERED, INTERVAL RICH IN 10Q FRAGMENTS -
          SOME SHEARED PHYLLITE RECOVERED, UPPER AND LOWER
          INDETERMINATE - INTERVAL APPROXIMATELY 70 DEGREES TO
          CORE AXIS ??
521-522 - INTACT
999
522.0     532.0       16        3G19
MINOR CALC-SILICATE BIOTITE (3B3[3D03]) 90:10
MODERATELY HARD TO HARD, DARK GREY, NONCALCAREOUS PHYLLITE WITH
QUARTZOSE BANDS CONTAINING BIOTITE AND CALC-SILICATE FORMING FINE
LITHON TEXTURE - UPPER PORTION OF UNIT IS 1.5' OF SLIGHTLY
CALCAREOUS, LIGHTER COLOURED, VERY SILICEOUS PHYLLITE THAT COULD
BE VEINS AND ALTERATION FOLDED BY D2.  AT 527' IS 1' OF VERY DARK
GREEN, PSE (TO FINE CS2) FOLIATED, CALCAREOUS PHYLLITE EITHER
CALC-SILICATE OR METABASIC ROCK AND SEEM TO HAVE CARBONACEOUS FOLIA.
INTACT.
999
532.0     541.0       17        3F9
(3G193) 80:20
SAME PHYLLITE AS LAST UNIT - QUARTZOSE BANDS HAVE MINOR CALCITE-
INTERLAYERED WITH DARK GREY TO BLACK, FINELY CRYSTALLINE CALCAREOUS
MARBLE LOCALLY WITH GREEN (ACTINOLITE?) AND BROWN (BIOTITE)
DISSEMINATED POSSIBLE 1/4" - 1/2" THICK TUFF (?) BAND PARALLEL
TO S2 AT 583'.  INTACT.
999
541.0     592.0       18        5A19
MINOR
SIMILAR TO UNIT #9 - EXHIBITS DOLOMITE FLASH - BOTH PYRRHOTITE
AND PYRITE DISSEMINATED WITH QUARTZ ALONG S2 - PYRRHOTITE >>PYRITE
NOT AS MUCH OF COARSER, QUARTZOSE BANDS AS UNIT 9, RATHER SULPHIDES
ARE DISSEMINATED IN FINER, QUARTZOSE BANDS.  PYRRHOTITE MOBILIZED
INTO CROSSCUTTING FRACTURES - ONLY A FEW % TOTAL SULPHIDES - ENOUGH
TO BE READILY VISIBLE IN EVERY PIECE.  INTACT.
999
592.0     601.0       19        3F96
(5A19) 90:10
FINELY BANDED, FINELY CRYSTALLINE MARBLE, MEDIUM GREY TO DARK
GREY, INTERLAYERED WITH HARD, DARK GREY TO BLACK, NONCALCAREOUS,
SILICEOUS PHYLLITE ON CM TO METRE SCALE.  MINOR, THIN STREAKY
PYRITE, PYRRHOTITE IN MARBLE - LOCAL CALCAREOUS SILICATE AND
BIOTITE.  INTACT.
999
601.0     615.5       20        5B0
BIOTITE &CALC-SILICATY &2
GETS LIGHTER, LESS CARBONACEOUS DOWNHOLE - MEDIUM DARK GREY TO
PURPLISH BROWN, VERY STRONG BIOTITE LAST 2' OF UNIT - CALCAREOUS
CONTENT DECREASES AWAY FROM MARBLE.  BIOTITE RICH SECTION ONLY
SLIGHTLY CALCAREOUS.  INTACT.
999
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176 616.5 621.0 21 5DO
177 BIOTITE
178 MEDIUM DARK GREEN, WITH DISSEMINATED CALCIATE PORPHS AND MINOR

179 IRREGULAR QUARTZ-CALCITE BANDS - MINOR BIOTITE DEVELOPED PATCHILY
180 IN MARTIX - HOMOGENOUS - LOOKS LIKE HIGHER MET GRADE 5DO
181 999
182 621.0 643.0 22 5BO
183 BIOTITE &CALC-SILICATY
184 CALCAREOUS, LAMINATED PHYLLITE WITH WELL DEVELOPED BIOTITE IN
185 PHYLLITIC BANDS - CALC-SILICATE GREEN &BIOTITE DEVELOPED IN GRANULAR
186 BANDS - GOOD CARBONATE LITHON TEXTURE - RESEMBLES SOME ROCKS NEAR
187 TOP OF 456-75-14 IN TX ZONE INTO 3D CALC-SILICATY FROM 5BO - LOOKS
188 LIKE PRETTY REASONABLE VANGORDA.
189 999
190 643 EQUALS END OF CORE
191 648 EQUALS END OF HOLE
192 999