QEDITSCR.LEEP.GEOLOGY WED, AUG 22, 1984, 11:43 AM

003791

AEX A-003

* put in decimal metrage *

```
 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      3GO
 8
 9      SOFT NON CALCAREOUS, PS2, FOLIATED IN GREEN-GREY PHYLLITE, GREY
10      S2 FOLIATED BREATH RUSTY BROWN - POKER CHIPPY RECIVEORY OK -
11      STRONGLY WEATHERED.
12      999
13       97.0   143.8    4      3G92
14      &6 MINOR 3E/2
15      MODERATELY SOFT TO MODERATELY HARD, PS2 FOLIATED IN DARK GREY
16      TO DI GREY TO BLACK, NONCALCAREOUS PHYLLITE - MODERATE "DOLOMITE
17      FLASH" MINOR FIG PYRITE DISSEMINATED IN QUARTZOSE BANDS AND AS
18      STREAKS ON S2.  97-121 POKER CHIPPY TO RUBBLY - RECOVERY OK
19      121-143.8 MODERATELY BROKEN RUBBLY RECOVERY OK - NO SIGNIFICANT
20      FAULTS.
21      999
22      143.8   156.0    5      3G9
23      &3
24      MODERATELY SOFT AND HARD, DARK GREY TO BLACK, PS2 FOLIATED PHYLLITE -
25      MINOR CALCAREOUS BANDS < 5 CM THICK, (LESS THAN 5% OF UNIT), REST
26      LOCALLY SLIGHTY BANDED IN SHADES OF GREY - INTACT - LOCALLY MODERATELY
27      BROKEN - NO FAULTS
28      999
29      156.0   165.2    6      3G39
30      MINOR
31      MODERATELY SOFT - MODERATELY HARD, IN DARK GREY, VERY CALCAREOUS -
32      FINELY CRYSTALLINE, SLIGHTLY CARBONACEOUS, INTERBANDED WITH DARK GREY
33      ON CALCAREOUS PHYRITE BANDING ON MM TO 10'S OF CM - SLIGHT BROWN/
34      GREEN DEVELOPMENT IN CALCAREOUS BANDS - GENERALLY BANDED (1)S2 LOCAL
35      LITHONS - INTACT
36      999
37      165.2   187.0    7      3G39
38      MINOR
39      MODERATELY SOFT TO MODERATELY HARD, DARK GREY TO BLACK, COMPOSITIONALLY
40      BANDED PHYLLITE - MICACEOUS PHYLLITE BANDS INTER-BANDED WITH
41      FG FAR WEATH QUARTZOSE CALCITE ON A SCALE OF MM AND EXCELLENT D2
42      FOLDS DEVELOPED - 30-50CM BAND RICH SECTIONS ALTERNATING WITH NOT
43      BANDED SECTIONS - 30-40% CALCEROUS OVERALL - LIGHTER THAN UNIT 5
44      DARKER THAN 6-INTACT, RECOVERY OK
45      999
46      187.0   188.0    8      3G93
47      BXB
48      SOFT CALCAREOUS COHERENT FOLIATED BXN - DARK GREY - SOME BANDS
49      OF (SD49 PYRITE - INTERNAL @ 45 DEGREES TO CENTRAL AXIS -
50      LOWER PARALELL TO S2 - INTACT
50.1    999
51      188.0   370.0    9      5A19
52      MINOR (SD6) TR
53      DARK GREY TO BLACK, HARD TO VERY HARD, PS2 FOLIATED, MINOR COARSER
54      GRAINED QUARTZOSE PYRITE BANDS GENERALLY, PARALELL TO S2 ( SIMILAR
55      TEXTURE TO 4A) REAL SMALL L/R CHEST NODULES - STRONG "DOLOMITE FLASH"
56      5D=3" BAND AT 192.5'
57      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
=1" RECORD, AND 338-370 = RUBBLE RECOVERY OK. MINOR FAULT BXN
RECOVERED IN THIS INTERVAL. INTERVAL APPROXIMATELY 45 DEGREES
TO CA.
999
370.0 414.3 10 3G0
&3 TRACE
MODERATELY SOFT TO SOFT, MEDIUM GREY, PS2 FOLIATED GENERALLY NON-
CALCAREOUS PHYLLITE - SLIGHT S211 COLOR BANDING IN GREYS - UPPER
10' WEATHERED TO REDDISH BROWN ALONG S2 - VERY MINOR THIN CALCITE
BEARING BANDS. UPPER CONTACT CRACKLE BXID - MAY BE A MINOR FAULT
CONTACT. QUARTZ SWEATS WITH CHL 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 MEDIUM HARD TO HARD, P2 FOLIATED, FINELY CRYSTALLINE
CARBONACOUS CALCITE MODULE - LOCALLY WITH LITHINS - HAS THIN BLACK
PHYLLITE BANDS BOTH SOFT AND HARD AND NON CALCAREOUS TO REASONABLY
CALCAREOUS LITHINS SOME HAVING GREEN AND BROWN MINERAL (C.SIL AND
(10) INTACT
999
420.5 457.0 12 3G9
&3 &CS MINOR & BIO MINOR
MODERATELY HARD, MEDIUM DARK GREY TO DARK GREY, PS2 FOLIATED PHYLLITE
CONTAINS NUMEROUS QUARTZOSE BANDS LOCALLY WITH DISSEMINATED
METINOLITE, QUARTZOSE BANDS LOCALLY CALCAREOUS - IN DETAIL HAS
FINE LITHIN TEXTURE IN QUARTZOSE BANDS - OVERALL UNIT IS
HOMOGENOUS. PYRITE FILLING FRACTURES, PYRRHOTITE IS FLATTENED
ELONGATED, IREGULAR PORPLES. 420.5-422 = POSSIBLE GORGE AND
FAULT BXN INTERNAL FOLN APPROXIMATELY 50 DEGREES/422-444 = INTACT/
444-448 = MODERATELY BROKEN TO RUBBLY/448-453 = INTACT/ 453-EOI
= POKER CHIPPY TO RUBBLY - POSSIBLE MINOR FAULT AT TOP OF UNIT
12 - RECOVERY ALL OK
999
457.0 467.0 13 3G9
& CALCAREOUS SIL & BIO (10QO) 90:10
SIMILAR TO LAST UNIT - QUARTZOSE BANDS WITH C3(GREEN) AND BIO(BR
(BROWN) CAN SEE LITHON EX) 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
CALCAREOUS SIL & BIO &3
MODERATELY SOFT TO MODERATELY HARD - DARK GREY, CARBONACOUS PHYLLITE
WITH NUMEROUS QUARTZOSE BANDS WITH GREEN(CALC-SIL) AND BIOTITE,
QUARTZOSE BANDS ALSO VERY CALCAREOUS - UNIT BECOMES HARDER NEAR EOI
QUARTZOSE BANDS IN DARK, HOMOGENOUS, NONCALCAREOUS PHYLLITE - INTACT
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 XERTHING
FRACTURES WITH PYRRHOTITE AND PYRITE, NONCALCAREOUS, 1-2% OF TOTAL
LESS THAN USUAL SA19 OR SA19 MINOR - INTACT TO 515/ 515-521 =
2.5' RUBBLE RECOVERED RICH IN RICH IN 10Q FINGER SOME SHREDDED
PH RECOVERED, UPPER AND LOWER IND INTERNAL APPROXIMATELY 70 DEGREES

Cindeterminate

core

TO CENTRAL AXIS/521-522 INTACT
999
522.0 532.0 16 3G19
MINOR CALCAREOUS SIL-BIOTITE (3B3[3D03]) 90:10
MODERATELY HARD TO HARD, DARK GREY, NONCALCAREOUS PHYLLITE WITH
QUARTZOSE BANDS CONTAINING BIOTITE AND CALCAREOUS SIL FORMING
FINE LITHON TEXTURE - UPPER PORTION OF UNIT IS 1.5' OF SLIGHTY
CALCAREOUS LIGHTER COLERED VERY SILCEOUS PHYLLITE THAT COULD
BE VEINS AND ALTN FOLDED BY D2. AT 527' IS 1' OF VERY DARK GREEN
PS2 (TO FINE CS2) FOLIATED CALCAREOUS PHYLLITE EITHER CALCAREOUS
SIL OR METABASIC ROCK, SEEMS TO HAVE CARBONACEOUS FOLIATION. 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 CALCITE
INBL LOCALLY WITH GREEN (ACT?) AND BROWN (BIOTITE) DISSEMINATED
POSSIBLE 1/4" - 1/2" THICK TUFFACEOUS BAND PARALELL TO S2 AT 583. INTACT.
999
541.0 592.0 18 5A19
MINOR
SIMILAR TO UNIT 9 - EXIBITS DOLOMITE FLASH - BOTH PYRRHOTITE AND
PYRITE DISSEMINATED WITH QUARTZOSE 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 CUTTING 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 CRYSTALLLINE RUBBLE, MEDIUM GREY TO DARK GREY
INTERLAYERED WITH HARD DARK GREY TO BLACK, NONCALCAREOUS, SLC
PHYLLITE ON CM TO METER SCALE. MINOR THIN STREAKY PYRRHOTITE,
PYRITE IN MBLE. - LOCAL CALCAREOUS SIL AND BIOTITE. INTACT.
999
601.0 616.5 20 5B0
BIOTITE AND CALCAREOUS SIL &2
GETS LIGHTER AND LESS CARBONACOUS DOWN HOLE - DARK GREY TO PURPLISH
BROWN VERY STRONG BIOTITE LAST 2' UNIT - CALCAREOUS CONTENT
DECREASES AWAY FROM MBL - BIOTITE RICH SECTION ONLY SLIGHTLY CAL-
CAREOUS. INTACT.
999
616.5 621.0 21 5D0
BIOTITE
MEDIUM DARK GREY WITH DISSEMINATED CALCITE PORPS AND MINOR IRREGULAR
QUARTZOSE CALCITE BANDS - MINOR BIOTITE DEVELOPED PATICHILY IN
MATRIX - HOMOGENOUS - LOOKS LIKE HIGHER MET GRADE 5D0
999
621.0 643.0 22 5B0
BIOTITE AND CALCAREOUS SIL
CALC LAM PHYLLITE WITH WELL DEVELOPED BIOTITE IN PHYLLITIC
BANDS - CALC SIL GREEN & BIOTITE DEVELOPED IN GRANULAR BANDS
-GOOD CO2 LITHON TEXTURE - RESEMBLES SOME CX NEAR TOP OF 456-75-
14 IN TX ZONE INTO 3D CALC SIL FROM 5B0 - LOOKS LIKE PRETTY
REASONABLE VANGORDA
999

leave a blank line & add: 643 = end of core but 648 = E.O.H.