

DV-C-1-76

79 BOXES

20'-775'

S-1

SILVER VALLEY, DAVIDSON CO

PHELPS DODGE

(BOX #1 DISCARDED B/C NOT IN ORDER)

- 20'-25' VERY WEATHERED, BROKEN PK.
27' FELSIC TUFFACEOUS ^{/METAVOLCANIC} MATERIAL W/ ALTERNATING COARSE-MED. GR SIZE
W/A QTZ BLEB.
31' A FINER GRAINED METAVOLCANIC
42' BASICALLY UNIFORM FELSIC METAVOLCANIC
59' MUCH COARSER METATUFF W/ LARGE LITHOFRAGS.
69' FELSIC TUFF MATERIAL -- LESS COARSE THAN ABOVE BUT STILL ^{LESS LITHOFRAGS}
COARSE MATERIAL.
76' METATUFFACEOUS MATERIAL W/ AN OBVIOUS BREAK B/A FINE +
COARSE GR MATERIAL.
83' SOME METASED MATERIAL INTERMIXED W/ FINE VOLCANIC MATERIAL
(EVIDENT AT THE BOTTOM OF THIS SEGMENT).
98' METAVOL MATERIAL W/ FLOW STRUCTURES + DISSEM. PYRITE
106' COARSE METAVOLCANIC TUFF W/ LITHOFRAGS.
117' COARSE METAVOL W/ LITHOFRAGS. INCREASINGLY FINER GRAINED AS
GO DOWN DEEPER.
124' INTERWORKED METAVOL + METASED MATERIAL.
135' MAINLY METASED MATERIAL W/ SOME VOL. MIXED IN
145' V. FN METASED, W/ SMALL CALC. VEWLET
154' SAME FINE-GR MUDDY METASED W/ SOME DISSEMINATED PYRITE
161' REWORKED METAVOLCANIC MATERIAL W/ CALCITE + DISSEMINATED
PYRITE -- SOME FLOW STRUCTURES.
172' METAVOLS W/ LITHOFRAGS + CALCITE BLEBS; FLOW STRUCT. APPARENT
184' WEATHERED METAVOL MATERIAL W/ CALC + DISSEMINATED PYRITE
193' SMALL CALCITE VEW W/ FINE GR. METAVOL MAT + METASED.

- 200' A BASICALLY METASED. RK W/ DISSEMINATED PYRITE
- 211' METAMUDSTONE W/ VENLETS OF HEMATITE AND PYRITE (SM. AMTS)
- 223' FINE GR. METAVOLCANIC W/ V SMALL CALCITE VENLETS
- 231' COARSER GR. ^{K META} VOL. MATERIAL W/ DISSEMINATED PYRITE & GALENA?
- 242' FINE GR. METAVOLCANIC W/ DISSEMINATED PYRITE
- 248' METAVOLCANIC FELSIC TUFF W/ DISSEMINATED PYRITE, GALENA, & CHA
- 251' METATUFF W/ LITHOFRAGS
- 268' FINER GRAINED ^{K META} VOLCANIC MATERIAL W/ SMALL LITHOFRAGS &
DISSEMINATED PYRITE & CHALCOPYRITE?
- 278' FINER GRAINE METAVOL. MATERIAL W/ FEW LITHOFRAGS +
NO DISSEMINATED DEPOSITS.
- 289' FINE GRAINED META-FELSIC TUFF; NO LITHOFRAGS
- 296' QTZ. VEIN W/ SOME CALC. IN A FINE GN METAVOLCANIC
- 309' COARSER FELSIC METAVOLCANICS.
- 320' FINE GR. METAVOLCANIC MATERIAL W/ V. SMALL AMTS. DISSEMINATED
PYRITE AND/OR CHALCOPYRITE,
- 328' STILL FELSIC METAVOLCANIC MATER, BUT COARSER GRAINED
- 336' SAME AS ABOVE W/ DISSEMINATED PYRITE
- 345' FINE GRAINED METAVOLCANIC MATERIAL W/ FLOW STRUCT.
- 357' METAVOLCANIC MATERIAL W/ LITHOFRAGS, FLOW STRUCTURES +
DISSEMINATED PYRITE / CHALCOPYRITE.
- 367' FINE GRAINED METATUFFACEOUS MATERIAL W/ DISSEMINATED
PYRITE.
- 373' FINE GR METAVOLCANIC MATERIAL W/ SMALL LITHOFRAGS
- 384' COARSER METAVOLCANICS W/ LITHOFRAGMENTS
- 394' MED GRAIN METATUFF W/ LARGE LITHOFRAGMENTS
- 104' V. FN. GN METAVOLCANIC MATERIAL, W/ DISSEMINATED PYRITE

- 414' METAVOL MATERIAL (FN → MED GR) W/ FLOW STRUCTURES + DISSEMINATED PYRITE.
- 423' MED-COARSE GRAINED METAVOL W/ LITHOFRAGS + DISSEMINATED PYRITE.
- 435' V. FINE GRAINED METAVOL MATERIAL W/ BANDING OF PYRITE
- 441' FINE GR. FELSIC METAVOLCANIC.
- 453' SAME FN GR. METAVOL.
- 463' FN GR METAVOL W/ CALC VENULETS
- 473' SAME AS ABOVE, BUT COARSER W/ SMALL LITHOFRAGS
- 474' FN GN METAVOL INTERMIXED W/ SOME MUDDY METASEDS.
- 477' ALL METAVOL OF COARSER GN TEXTURE
- 484' FN GN LAMINATED MUDSTONE W/ SOME CALC. VENULETS.
- 492' LAMINATED METAMVOST. W/ DISSEMINATED PYRITE
- 502' METAMVOST. W/ INTERWORKED V. FN METAVOL MATERIAL
- 512' INTERWORKED METAVOLS & METASEDS W/ LARGE (2/CM) CALC. VENULET.
- 519' QTZ. + CALC. VEN.
- 532' MED. GN METAVOLCANIC W/ SMALL LITHOFRAGS AND CALCITE VENULETS -- SOME DISSEMINATED PYRITE + CHALCOPYRITE
- 541' CALC. VENULET
- 543'-544' CALC. VEIN W/ SOME QTZ. (METAVOL. IS RENORKED W/ CALC)
- 551' FN. GR METAVOL W/ SOME CALC.
- 561' FN. GR. METAVOL.
- 571' SAME FN. GN METAVOL.
- 586' SAME AS ABOVE
- 591' SAME FN. GN. FELSIC METAVOLCANIC
- 600' FN. GN FELSIC METAVOLCANIC

- 609' FN. GN. METAVOLCANIC W/ CALC. VEINLETS + DISSEMINATED CHALCOPYRITE.
- 620' FN. GN. METAVOL. W/ SMALL LITHOFRAGS.
- 630' FN. GN. METAVOL.
- 637' FN. GN. IN CONTACT W/ MED. GN. METAVOLCANIC MATERIAL
- 650' FN → MED GN. METAVOLCANIC
- 659' FN → MED GN. METAVOLCANIC IN BANDS
- 668' COARSE GR. METAVOLCANIC W/ LITHOFRAGS.
- 678' FN. GR. METAVOLCANIC
- 688' FN → MED GR. METAVOLCANIC
- 697' FN. GN. METAVOL. MATERIAL
- 707' FN → MED GR. METAVOLCANIC MATERIAL IN BANDS W/ FLOW STRU
- 716' FN. GN. METAVOL. W/ A CALC VEIN (SOME QTZ)
- 725' COARSE METAVOLCANIC PK.
- 735' MUCH COARSE METAVOL PK. W/ LITHOFRAGS (TUFFACEOUS)
- 745' MED → COARSE METAVOL MATERIAL
- 755' MUCH FINER GN. MATERIAL
- 764' FN. GR. FELSIC METAVOLCANIC PK W/ FLOW STRUCTURES
- 772' FN → MED GN. METAVOLCANIC W/ LARGE CALC. VEINLETS
- 775' HOLE BOTTOMED

N354422-W800847

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GRIST MOUNTAIN QUADRANGLE
NORTH CAROLINA-DAVIDSON CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 DENTON 15' QUADRANGLE

4955 1 SE
(FAIR GROVE)

