

DRILLHOLE: DDH-12 BX PLATINUM BLONDE

COORDINATES: Latitude= 263.00 Departure= 054.50

265.00
meters

060.00 meters

TRUE AZIMUTH OF HOLE: 245.00 VERTICAL ANGLE: -45.00

COLLAR ELEVATION:

TOTAL DEPTH OF HOLE: 66.00ft.

Logged by: JRR on ... 18NOV86

FROM 0.00FT. TO 3.00FT.

OVERBURDEN: ROTARY DRILLED

FROM 3.00FT. TO 61.10FT.

SYENITE, VAR. SHONKINITE med. dark grey,

Textures noted: VERY FINE GRAINED MATRIX, COARSE FELDSPAR CRYSTALS

.3% PYRITE as disseminations and scattered crystals

.03% CHALCOPYRITE as disseminations and scattered crystals

1% HEMATITE as pervasive

THE ENTIRE SEQUENCE CUT BY THIS DRILLHOLE CONSISTS OF ROCK OF SYENITIC COMPOSITION DISTINGUISHED CHIEFLY BY GRAIN SIZE VARIATIONS. THE CONTACT AT 61.1 FT. IS SHARP BUT THE COMPOSITION OF THE ROCK CHANGES LITTLE. RE-LOGGING SUGGESTS THE SHONKINITE MAY BE A FELDSPATHIZED BASALT OR PYROXENITE.

FROM 3.00FT. TO 6.00FT.

100% of this subinterval is

SYENITE light grey,

Textures noted: MEDIUM- TO COARSE-GRAINED , GRAPHIC INTERGROWTHS

1% HEMATITE as stainings or tarnish

1% HEMATITE as coatings and encrustations

.3% GOETHITE as coatings and encrustations

THIS INTERVAL WAS MINERALIZED AS THE INTERVAL BELOW WAS, WITH ABOUT 2% TOTAL SULFIDES INDICATED BY BOX-WORKS AND VOIDS.

FROM 6.00FT. TO 8.00FT.

100% of this subinterval is

SYENITE light grey,

Textures noted: MEDIUM- TO COARSE-GRAINED , GRAPHIC INTERGROWTHS

.3% PYRITE as disseminations and scattered crystals

.3% PYRITE as microveins

1% CHALCOPYRITE as disseminations and scattered crystals

2.5% CHALCOPYRITE as blebs

.3% HEMATITE as stainings or tarnish

5% MALACHITE as rosettes & crystal clusters

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 COORDINATES: Latitude= 263.00 Departure= 064.50
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FROM 8.00FT. TO 15.40FT.

100% of this subinterval is

TRACHYTE light grey,
 Textures noted: APHANITIC
 1% PYRITE as disseminations and scattered crystals
 .3% MALACHITE as rosettes & crystal clusters
 1% GOETHITE as coatings and encrustations
 1% GOETHITE as pervasive
 PERVASIVE GOETHITE CONFINED TO UPPER 1 FT. AT CONTACT.

FROM 15.40FT. TO 17.90FT.

100% of this subinterval is the same as 3.00FT. to 61.10FT. except as noted
 med. dark grey,

Textures noted: CRACKLE-BRECCIATED , MEDIUM-GRAINED
 Structures noted: BOTTOM CONTACT dip 090,
 .3% PYRITE as disseminations and scattered crystals
 10% MAGNETITE as disseminations and scattered crystals
 2.5% CALCITE as microveins

FROM 17.90FT. TO 19.40FT.

100% of this subinterval is the same as 3.00FT. to 61.10FT. except as noted
 pink and black,

Textures noted: COARSE-GRAINED , CRACKLE-BRECCIATED
 .03% PYRITE as disseminations and scattered crystals
 2.5% CALCITE as microveins

FROM 19.40FT. TO 21.40FT.

100% of this subinterval is

FAULT BRECCIA med. dark grey,
 Structures noted: TOP CONTACT dip 055,
 30% CALCITE as veins
 RUBBLE BRECCIA WITH MYLONITIC MATRIX AND 1" CARBONATE VEIN.

FROM 21.40FT. TO 24.60FT.

100% of this subinterval is the same as 3.00FT. to 61.10FT. except as noted
 red grey,

Textures noted: FINE-GRAINED , CRACKLE-BRECCIATED
 trace PYRITE as disseminations and scattered crystals
 .03% HEMATITE as pervasive
 1% CALCITE as microveins
 .3% PYRITE as microveins

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COORDINATES: Latitude= 263.00 Departure= 064.50

cont'd

FROM 24.60FT. TO 26.60FT.

100% of this subinterval is the same as 3.00FT. to 61.10FT. except as noted
pink and black,Textures noted: COARSE-GRAINED , CRACKLE-BRECCIATED
trace PYRITE as disseminations and scattered crystals
.3% CALCITE as microveins
5% CHLORITE as selvagesVERY IRREGULAR LOWER CONTACT WITH ANGULAR INCLUSIONS OF UNDERLYING
FINE-GRAINED UNIT.

FROM 26.60FT. TO 32.60FT.

100% of this subinterval is

TRACHYTE dark grey,
Textures noted: CRACKLE-BRECCIATED
Structures noted: BOTTOM CONTACT dip 060,
trace PYRITE as disseminations and scattered crystals
2.5% CALCITE as microveins

"BAKING" SUGGESTED BY REDDENING OF FELDSPARS WITHIN 2-3" OF BOTH CONTACTS.

FROM 32.60FT. TO 36.60FT.

100% of this subinterval is the same as 3.00FT. to 61.10FT. except as noted
dark grey,Textures noted: COARSE-GRAINED , CRACKLE-BRECCIATED
Structures noted: BOTTOM CONTACT dip 080,
trace PYRITE as disseminations and scattered crystals

FROM 36.60FT. TO 40.10FT.

100% of this subinterval is the same as 3.00FT. to 61.10FT. except as noted
very dark grey,Textures noted: FINE- TO MEDIUM-GRAINED, PORPHYRITIC
CRACKLE-BRECCIATED
trace PYRITE as disseminations and scattered crystals
1% CALCITE as microveins

FROM 40.10FT. TO 44.90FT.

100% of this subinterval is

TRACHYTE dark grey,
Textures noted: APHANITIC, CRACKLE-BRECCIATED
Structures noted: BOTTOM CONTACT dip 075,
1% PYRITE as disseminations and scattered crystals
2.5% CALCITE as microveins

FROM 44.90FT. TO 61.10FT.

100% of this subinterval is the same as 3.00FT. to 61.10FT. except as noted
very dark grey,Textures noted: FINE- TO MEDIUM-GRAINED , CRACKLE-BRECCIATED
Structures noted: BOTTOM CONTACT dip 080,
trace PYRITE as disseminations and scattered crystals

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FROM 61.10FT. TO 66.00FT.

DACITE green grey,

Textures noted: APHANITIC, PORPHYRITIC

.03% PYRITE as disseminations and scattered crystals

.3% CALCITE as microveins

END OF HOLE AT 66.0 FT.

/END