

862581

PLACER U.S. INC.

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DRILLHOLE: DDH-27 BX PLATINUM BLONDE

COORDINATES: Latitude= *20.02* Departure= *0.30*

TRUE AZIMUTH OF HOLE: 220.00 VERTICAL ANGLE: -45.00

COLLAR ELEVATION:

TOTAL DEPTH OF HOLE: 318.00ft.

Logged by: JRR on ... 21NOV86

FROM 0.00FT. TO 3.00FT.
OVERBURDEN: ROTARY DRILLED ,

FROM 3.00FT. TO 19.00FT.
DIORITE aphanitic-porphyrtytic, white and green, with AUGITE , ,
trace PYRITE as disseminations and scattered crystals
5% MAGNETITE as disseminations and scattered crystals
1% HEMATITE as stainings or tarnish
30% EPIDOTE as envelopes
1X3 MM FELDSPARS IN DARK MATRIX GIVE THE ROCK A
"SPECKLED" APPEARANCE.

FROM 19.00FT. TO 50.70FT.
PYROXENITE extremely dark black, ; 80%AUGITE
Textures noted: GABBROIC , EQUIGRANULAR
Structures noted: BOTTOM CONTACT dip 105,
.3% PYRITE as disseminations and scattered crystals
10% MAGNETITE as disseminations and scattered crystals
1% HEMATITE as stainings or tarnish
1% CALCITE as veins
5% EPIDOTE as envelopes
5% EPIDOTE as veins and occasional envelopes

FROM 20.00FT. TO 21.00FT.
100% of this subinterval is
DIORITE black green, with AUGITE , ,
.3% PYRITE as disseminations and scattered crystals
2.5% MAGNETITE as disseminations and scattered crystals
30% EPIDOTE as envelopes

FROM 30.80FT. TO 31.10FT.
100% of this subinterval is
DIORITE black green, with AUGITE , ,
Structures noted: TOP CONTACT dip 095,
1% PYRITE as disseminations and scattered crystals
10% MAGNETITE as disseminations and scattered crystals
20% EPIDOTE as envelopes

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cont'd

FROM 35.60FT. TO 36.00FT.

100% of this subinterval is the same as 19.00FT. to 50.70FT. except as noted
 dark green,
 1% HEMATITE as microveins
 70% EPIDOTE as flooding

FROM 36.00FT. TO 38.00FT.

100% of this subinterval is the same as 19.00FT. to 50.70FT. except as noted
 very dark green,
 50% EPIDOTE as flooding

FROM 47.90FT. TO 48.50FT.

100% of this subinterval is the same as 19.00FT. to 50.70FT. except as noted
 medium green,
 Structures noted: BOTTOM CONTACT dip 105,
 2.5% HEMATITE as microveins
 90% EPIDOTE as flooding

FROM 48.50FT. TO 50.70FT.

100% of this subinterval is the same as 19.00FT. to 50.70FT. except as noted
 green black,
 50% EPIDOTE as vns, microvns, selv. envel. & perv./dis. min'l

FROM 50.70FT. TO 59.80FT.

DIORITE black green, with AUGITE , ,
 trace PYRITE as disseminations and scattered crystals
 1% HEMATITE as microveins
 10% EPIDOTE as spots
 10% CHLDRITE as veins and occasional envelopes
 IRREGULAR PATCHES PYROXENE-RICH SEGREGATIONS: PARTLY
 DIGESTED PYROXENITE INCLUSIONS?

FROM 55.50FT. TO 56.70FT.

100% of this subinterval is the same as 50.70FT. to 59.80FT. except as noted
 green brown,
 80% EPIDOTE as flooding
 10% POTASH FELDSPAR as veins

FROM 59.80FT. TO 60.80FT.

FAULT BRECCIA red black,
 Textures noted: BANDED
 60% MYLONITE as laminations, bedded

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cont'd

FROM 60.80FT. TO 202.30FT.

PYROXENITE extremely dark grey,
 Textures noted: EQUIGRANULAR
 trace PYRITE as disseminations and scattered crystals
 10% MAGNETITE as disseminations and scattered crystals
 1% CALCITE as veins
 1% PHLOGOPITE as rosettes & crystal clusters
 2.5% EPIDOTE as envelopes

UPPER 0.4 FT. MOSAIC-BRECCIATED. AT 62.4 FT. CUT BY
 SYENITE VEIN WITH BRECCIA FRAGMENTS OF PYROXENITE.
 AT 67.9 FT. CUT BY 0.2 FT SYENITE VEIN. AT 69.8-70.1
 FT. SYENITIC BRECCIA VEIN WITH STRONGLY HEMATIZED
 PYROXENITE FRAGMENTS DIPS 115 DEGREES (70 DEGREE
 ANGLE TO CORE.) FELDSPATHIC INTERVALS RESEMBLING
 ANDESITE.

FROM 62.40FT. TO 83.00FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 very dark grey,
 5% PHLOGOPITE as rosettes & crystal clusters
 10% EPIDOTE as envelopes

FROM 83.00FT. TO 85.20FT.

100% of this subinterval is
 SYENITE medium grained, red grey, with AUGITE , ,
 Structures noted: TOP CONTACT dip 090,

FROM 85.20FT. TO 91.00FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 dark green,
 5% PHLOGOPITE as rosettes & crystal clusters
 30% EPIDOTE as flooding

FROM 91.00FT. TO 92.10FT.

100% of this subinterval is
 SYENITE medium grained, red grey,
 Structures noted: TOP CONTACT dip 075,

FROM 92.10FT. TO 117.50FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 very dark green,
 Textures noted: CRACKLE-BRECCIATED
 2.5% CALCITE as veins
 .3% POTASH FELDSPAR as microveins
 20% EPIDOTE as veins and occasional envelopes

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cont'd

FROM 117.50FT. TO 128.80FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 med. dark green,
 Textures noted: CRACKLE-BRECCIATED
 1% CALCITE as veins
 80% EPIDOTE as vns, microvns, selv. envel.& perv./dis. min'l

FROM 128.80FT. TO 135.20FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 Textures noted: RUBBLE-BRECCIATED
 .3% PYRITE as disseminations and scattered crystals
 1% HEMATITE as microveins
 5% CALCITE as breccia fillings
 2.5% ANKERITE as vns, microvns, selv. envel.& perv./dis. min'l
 20% EPIDOTE as envelopes

FROM 135.20FT. TO 147.80FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 dark green,
 Textures noted: CRACKLE-BRECCIATED
 .3% PYRITE as disseminations and scattered crystals
 1% HEMATITE as veins and occasional envelopes
 1% CALCITE as microveins
 40% EPIDOTE as vns, microvns, selv. envel.& perv./dis. min'l

FROM 147.80FT. TO 150.80FT.

100% of this subinterval is
 SYENITE red grey,
 Structures noted: TOP CONTACT dip 090, BOTTOM CONTACT dip 080

FROM 150.80FT. TO 188.30FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 dark green,
 Textures noted: CRACKLE-BRECCIATED, MOSAIC-BRECCIATED
 5% CALCITE as veins
 30% EPIDOTE as vns, microvns, selv. envel.& perv./dis. min'l
 BRECCIATED SYENITE VEINS AT 1-2 FT. INTERVALS.

FROM 188.30FT. TO 189.70FT.

100% of this subinterval is
 SYENITE red green,
 Structures noted: BOTTOM CONTACT dip 110,
 50% EPIDOTE as vns, microvns, selv. envel.& perv./dis. min'l

FROM 189.70FT. TO 202.30FT.

100% of this subinterval is the same as 60.80FT. to 202.30FT. except as noted
 med. dark green,
 80% EPIDOTE as vns, microvns, selv. envel.& perv./dis. min'l

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cont'd

FROM 202.30FT. TO 247.90FT.

DACITE glassy, med. dark brown,
trace PYRITE as disseminations and scattered crystals
VERY FRESH, UNALTERED, CHILLED, DEVITRIFIED CONTACT
AGAINST UNIT BELOW.

FROM 210.20FT. TO 222.00FT.

100% of this subinterval is the same as 202.30FT. to 247.90FT. except as noted
med. dark brown,
Structures noted: TOP CONTACT dip 095,
.3% PYRITE as disseminations and scattered crystals
trace HEMATITE as stainings or tarnish
1% CALCITE as microveins
2.5% SERICITE as flooding

FROM 222.00FT. TO 222.80FT.

100% of this subinterval is
FAULT BRECCIA red brown,
Textures noted: BANDED, RUBBLE-BRECCIATED
Structures noted: TOP CONTACT dip 090,
10% HEMATITE as flooding

FROM 222.80FT. TO 232.00FT.

100% of this subinterval is
SYENITE, VAR. SHONKINITE medium grained, red green,
.3% PYRITE as disseminations and scattered crystals
1% HEMATITE as flooding
1% QUARTZ as veins
20% EPIDOTE as envelopes

FROM 232.00FT. TO 234.70FT.

100% of this subinterval is
PYROXENITE extremely dark black,
2.5% HEMATITE as flooding
2.5% CALCITE as microveins
5% EPIDOTE as envelopes

FROM 234.70FT. TO 247.90FT.

100% of this subinterval is the same as 202.30FT. to 247.90FT. except as noted
Structures noted: BOTTOM CONTACT dip 085
1% PYRITE as disseminations and scattered crystals
1% CALCITE as microveins

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cont'd

FROM 247.90FT. TO 256.90FT.

PYROXENITE very dark green,
5% HEMATITE as vns, microvns, selv. envel. & perv./dis. min'l
1% CALCITE as microveins
60% EPIDOTE as vns, microvns, selv. envel. & perv./dis. min'l
5% ANKERITE as vns, microvns, selv. & envel. w some perv./dis. min'l.
BOTTOM 0.5' IS BRECCIATED, WITH SYENITE FRAGMENTS.

FROM 256.90FT. TO 318.00FT.

SYENITE, VAR. SHONKINITE fine grained, red black,
.3% PYRITE as disseminations and scattered crystals
1% HEMATITE as flooding
1% UNIDENTIFIED CARBONATE as disseminations and scattered crystals
END OF HOLE AT 318 FT.

/END