

673658 (See) 6

## SIWASH CREEK SILVER

DIAMOND DRILLING JULY 1992

DDH 92-3 Bq 180° DIP - 40°

DEPTH 50' AXT CORE

0-2' CANNING Markers at 14' 20' 28' 35'

2-14' SINGLE 5' ROW OF CORE FRAGS

APPROXIMATELY 25% CORE RECOVERY.

2'-6' Coarse grained quartz rich granite. <sup>light</sup> thin altered feldspars, prominent white brecciated quartz. Block fracture filling probably mainly Mn. as a fine network and as fractures at about 20° to the axis of the core. Rock is oxidized - rusty.

6'-7' Quartz veining - white to bluish white. Fractured. Mn with specularite, hematite altered to limonite, molybdenite?, manganese. Fractures at 45° and 20° to core. Signs of grinding on core - width of vein estimated.

7'-8' Coarse grained pale pink feldspar, bluish white quartz granite with abundant epidote.

8'-11' Sift fine grained feldspar dyke cut by thin limonite coated and manganese coated fractures at 45° - 60° to core.

Survey <sup>DDI</sup> ACUR 92-3

Horz Vert HI HP INST

BS <sup>Remarks</sup>  
BS 00

AA 1.180

Fs Col bar 195.32 90°00 4.225 0.111

Brg 170°

HI HP

ELEV A 1376.70 + 1.180 - 4.225 = 1373.35

Cos 40° × 15.24m 11.67

Sin 40° × 15.24m 9.80

92-3 Cont'd

Siliceous on upper contact with  
hematite, manganese and possible  
fine cpy or py?, possible fine galena

11-14' Coarse grained <sup>pale</sup> pink feldspar,  
prominent bluish white quartz  
granite with abundant epidote.  
Somewhat oxidized -

14-20 Possibly 80% recovery Core broken

14-15.6' coarse grained pale salmon  
pink feldspar, prominent clear to  
whitish quartz, abundant epidote

15.6-16.0? Quartz veining with  
some fracture granite. Evidence of  
ground core. Well mineralized with  
coarse chalcocite, fine galena and  
sphalerite. Some epidote and  
hematite.

16-20' Slightly finer appearance,  
coarse grain pale pink feldspar,  
prominent clear to bluish white  
quartz, abundant light green  
actinolite + epidote -

20-28 Probably 75-80% core recovery ✓

20-20.5 as 16-20 ✓

20.6-21.4 Brecciation and veining  
at 25' to core with considerable reddish  
hematite some cpy, + epidote alt. ✓

SUB BASELINE  
1850E 20S

1844E, 26S

1841E

1856 N 1964E

201 x  $\frac{4}{5-2}$

$\frac{0.5516}{3}$

21.24-22.5? Pale pink feld, prominent gtz  
abundant pale green and epidote alteration  
granite

23.5-28<sup>(33)</sup> Fresher looking pink  
feldspar (deeper pink) bluish quartz (not  
so prominent), biotite, chloritized  
biotite and chlorite mafics.  
Rock is slightly to fairly magnetic.  
Partly dyed fragment volcanic  
at about 26'. Fragment is magnetic.

28-35 80% core recovery.

28-33 as 23.5-28<sup>+</sup>

33-45? Pale salmon pink feld, prominent  
bluish white gtz abundant green  
and epidote alteration.

Alteration less intense after 35'  
- reducing to chloritized mafics.

35-50' About 40% core recovery. Evidence of  
~~quartz~~ quindring on many core faces.

45-47?? Fine grained greenish grey  
feldspar dyke.

47-48 as 33-45 less altered.

48-50 Fragments volcanic mafics  
in slightly magnetic granite similar  
to 23.5-33'. Core may be recovered in  
some runs. End of Hole 50'

DDH 92-1

Dip  $180^{\circ}$ ,  $-50^{\circ}$  30' Lost hole stuck  
rods.

0-12 10% core recovery.

1/3 fairly fresh mid grained  
monzonite - greyish pink. Chloritized  
hornblende, magnetic.

2/3 silicified breccia, chalcidony  
with some py, spy, hematite.  
Similar to surface showing.

12-22 15% core recovery.

Pieces of core are solid grey pink  
monzonite? which has been  
brecciated, large proportion of quartz  
- may have been silicified prior  
to brecciation. Feldspar kaolinized.  
Little hematite and manganese

22-28 No Core

28-30 Shows 125% core

Massive pink monzonite? or  
granite. Fairly fresh looking  
Chloritized mafic. Rock is  
slightly magnetic.  
Little hematite on fractures

$$\begin{array}{r} 14 \overline{) 1400} \\ \underline{28} \\ 120 \\ \underline{0} \\ 120 \\ \underline{0} \\ 0 \end{array}$$
  

$$\begin{array}{r} 35 \overline{) 11090} \\ \underline{70} \\ 4090 \\ \underline{350} \\ 4090 \\ \underline{40} \\ 0 \end{array}$$

SURVEY AUG 21 92

DDH ADUR 92-1

HORIZ VERTX HI HP INT

BS ΔA 00°

Δ A-1 1.295

FS COLLAR 2726<sup>20</sup> 90 0.745 0.236

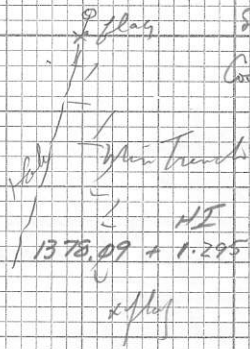
Brg 190° - LOCAL SURVEY FLAG 353°

- 52° on strike w/d

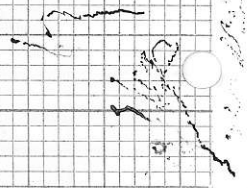
Depth 30' = 9.14 m

Sin 52° X 9.14 m = 7.20 m

Cos 52 = 5.63 m



ELEV A-1 | 1378.09 + 1.295 - 0.745 = 1378.64



DDH 92-2 Vertical

to 55'

25-30% core recovery.  
0-14' Casing size core fragments - brecciated  
oxidized (limonite) clear to  
bluish quartz, pink feldspar.  
Rusty greenish alteration. Minor  
cpy, py.

AxT core pale pink feldspar,  
prominent bluish white quartz  
strong green alteration with  
oxidation to limonite.

Fairly well veined with quartz  
plus black fine grained material  
(sphal, gal, ma?) sphalerite,  
galena? significant cpy, py.  
Some fracturing <sup>with string + siliceous</sup> at 45-50' to core  
Some veining parallel to core  
does not cross 45° fracture.

14-15' 70%? recovery. Green alt coarse  
grained granite, pink feld,  
prominent qtz, strong epidote alt

15-25' < 10% core recovery.  
Similar to 14-15 with some  
fragments of cpy, py bearing  
qtz veining and chloritic  
monzonite (few frags) in  
upper portion?





DDH 92-4 Bearing  $170^{\circ}$  Dip  $-55^{\circ}$   
Length 48' (Near shaft.)

0-8 10% Core recovery,  
Casing core probably Unit 5  
material - Limonitic green altered  
breccia. Kartzitized feldspar  
Manganese + limonite on fractures  
Core fragments - silicified, kartzitized  
feldspar, well fractured, limonite  
& manganese  
Some greenish altered siliceous  
granite fragments.

8-14 25% Core recovery  
Pink feldspar bluish white quartz  
chloritized hornblende slightly  
magnetic monzonite.  
Some oxidation - limonite -

14-22 65% Core recovery.  
Fairly fresh pink feldspar, cleavate  
bluish gtz; chloritized biotite  
Fairly magnetic monzonite.

18.5' Monzonite bearing ~~the~~ at  $40^{\circ}$  E core  
well mixed with py + sphal.

22-40 5% Core recovery. Oxidized  
fractured monzonite? Evidence  
of core grinding

(over)

40-48' More than 100% core

Fresh pink feld clear quartz  
 fresh to chloritized biotite granite  
 slightly magnetic.

Mapped as biotite granite  
 but also called monzonite in these  
 drill logs

Survey Area DDH 92-4

	Hor #	Vert	HT	HP	ENT
Remarks	00				
AA			1.180		
COLLAR	353-58	-5° 10' 30"	92-10-30	4.00	.948
	Brg	157° 07'			HOR. 74.42
					VERT 6.72
			HT	EL DIFF	HP
ELEV A =	1376.40 +	1.180 -	6.72 -	4.00 =	1366.86

DDH 92-5    Brg 350° Dip 55°

0-16    50% core recovery?  
Fairly fresh looking grey looking  
yellow greenish altered chloritized  
biotite (granite). Slightly magnetic

16-24    90%+? core recovery.

(16-18) as 0-16

18-20 Fairly intensely green altered  
Two 1/2 fractures with gtz, pyrite  
sphalerite (some grinding of core)  
in center of section.

20-22 as 0-16.

22-24 Strong greenish alteration

24-27, 27-30    90%? core recovery  
Greenish alteration of pink  
feldspar, clear to bluish quartz,  
chloritized biotite (granite) with  
~~main~~ narrow chloritized fractures  
with sphalerite, chalcocopyrite,  
galena? at 25.5 and 26.5 <sup>29.5</sup> feet

30-34    50% core

34-38    90%? core

38-42    90%? core

42-46    50% core

46-54    75% core

54-59    90% core

Variable green altered granite  
Minor siliceous fracturing

SURVEY DDH AGUR 92-5

	HORZ	VERTX	HI	HP	INT.
BS ΔH		00°			
Δ G		?	1.156		
FS Collar	965840	90°		2.772	?
ELEV G	1268.42		HI	HP	
			1.156	2.772	
					= 1266.80

$$\sin 55^\circ \times 35.05 = 28.71$$

$$\cos 55^\circ \approx 20.10 \text{ HOR}$$



59-64 80%? Core

64-66 Similar variably green alt granite

66-70 80%? Core

Increased frequency and strength of hematitic fractures up to 1" wide with sphal, <sup>galena</sup> chalcocopyrite. Approx 5 fracture sets in 4 feet.

70-74 75%? Core - variably altered

74-77 35% Core - strongly altered, Hematitic fractures with quartz, pyrite, sphalerite? cpy

77-80 65%? Core strong green alteration

80-85 100% Core +

80-80.5 Well mineralized vein breccia at 50' to core, Py, cpy, sphal, gal.

Hematitic Pyritic fractures, narrow, at about 6" intervals. Some with sphalerite, galena and carbonates. One with cpy, sphal, gal. hematite

85-90 80% Core

Strongly altered pale green alteration of pale salmon pink feldspar clear to bluish quartz granite, occasional narrow qtz, pyrite min fractures

90-95 80% core

92 Fresher chloritized granite

95-98 ~~the~~ 50% core

Green altered granite, some epidote

98-115- 35% Core

Green altered variable to  
chlorite granite. Minor narrow  
quartz hematite pyrite fractures.

End 115'