

Cover Page, Diamond Drill Log

Project: Sonoma Gold

Date: Aug 23/07

Client: Firestone Ventures Inc

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Hole No: SG-07-22

Logged By: C. Schulze

Core Size: NTW

Easting (UTM): 652489	Northing (UTM): 6950229	Elevation (m): 969.2m	E.O.H. (m): 145.0m
Azimuth: 020°	Dip: -60°	Date Started: 10-Aug	Date Finished: 13-Aug
Down-hole Tests:			

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 1 (%)	Min 2 (%)	Other (%)
0	6.1	CASIN	Rounded pebbles of over-bands, largely amphibolite gneiss										
6.1	12.2	Brecc Bas. G	Strongly, somewhat variably brecciated basalt gneiss, itself strongly foliated. Fine limonitic streaks, + strong argillic alt, most pronounced near surface. Local brecciated quartz, particularly from 8.8 - 9.1m, banded foliation - parallel silicification, part. from 10.4 - 11.6m	Fol @ 63° TCA at 6.7m Qz var (brecc) @ 37° TCA at 8.9m Fol + sil @ 52° TCA at 9.7m	1-2	2-3	2	Cl	L2	2			

Project: S. Gold

Date: Aug 23/07

Client: KVR

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Hole No: SW-07-22

Logged By: C. Schulze

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 2 (%)	Min 3 (%)	Other (%)
12.2	14.5	Shear Bas. G.	Strongly sheared, brecciated basalt gneiss (?) strongly limonitic mod. argillitic, 4-5% brecciated g. z fragments, 3-4% late soft veining of soft, clear mineral ("Celestite") sharp contact with Ultramafic unit at 14.5m	Fol @ 65° TCA at 13.6m Cont @ 30° TCA at 14.5m		5	1	1	63	<1			
14.5	17.1	UMaf (Peridot.)	Strongly fractured to almost brecciated peridotite, including chloritic (?) alt + decrepitation (clay alteration?) from 14.5-14.6m, 15.3-15.8m and 16.5-17.1m, latter representing small shear zone. Abundant clotted to near-veined magnetite, locally with speckled appearance	Shear @ 38° TCA at 17.1m		1			Serp 2		Mag 5		
17.1	37.7	UMaf.	Mod-strong late fracturing of fine grained peridotite, moderate serpentinization, fractures. Small brecciated zone from 18.3-19.5m, breccia zones from 23.7-24.0m. Weak intermittent shearing from 31.7-32.3m, and 34.8-35.2m. Local banded, nearly "veined" magnetite, particularly from 19.8-20.3m	Banded Mag @ 48° TCA at 20.2m Shear, Serp @ 40° TCA at 31.9m				2	Serp 1		Mag 4		

Project: S. Gold

Client: FV

Hole No: SG-07-22

Date: Aug 23

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Logged By: C. Scholze

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 2 (%)	Min 3 (%)	Other (%)
			Ch Calcite along late fractures										
37.7	40.0m	Breccia	Strongly brecciated section, cone reduced to paste from 38.5-39.6m, green colour mix of serpentinite + chlorite? strongly calcareous, minor magnetite from pebbly section from 37.7-40.0m			1?		3	Ser 2		Mag <1		
40.0	45.4	Bl Maf	Fairly massive peridotite, weakly calcareous fracturing, weak serpentinitization, moderately magnetic	wb shear fol @ 37° TCA at 40.8m					1 Ser 1		Mag mod		
45.4	52.8	Frnc U Maf	Moderate late fracturing of peridotite calcite + serpentinite + chlorite at fractures. Local narrow zones of strong chlorite + serpentinite alteration, cone reduced to paste. Magnetite remobilized + concentrated in light tan leucocratic, chloritic (?) zones.	Small shear @ 48° TCA at 49.7m				2	Ser 1		Mag mod		
52.8	61.1	U Maf	Moderate serpentinitization of peridotite + brown ankeritic alteration near small carbonate veins @ 6-7m veins across interval.	Fol @ 62° TCA at 55.6m Calcite vein @ 58° TCA at 57.6m				2	Ser 2		Mag mod		

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Client: FV
Hole No: 50-07-22

Client: **FV**

Hole No: 56-07-22

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Logged By: C. Scholze

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Project: S. Cold

Client: FV

Hole No: Sh-07-22

Date: Aug 23/07

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Logged By: C. Schulte

Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 2 (%)	Min 3 (%)	Other (%)
			gradually with depth, Mod serpentinization, some separation of magnetite - locally speckled appearance, strong serpentiniza- tion along fractures - quartz + calcite along fractures - small shear zone @ 81.9-82.1m	Shear @ 37° TCA at 82.1m wh fol @ 40° TCA at 85.8m				1	Serp 2		Mag No		
87.9	91.3	Fract & maf	Strongly fractured (late) peridotite, serpentinite & brown-green mineral, quartz & minor calcite along fractures - 20% interstitial material Remobilization of mag into fracture zone. Calcite within shear zone at 90.8 & 91.0m.	wh shear @ 50° Calc vein at 90.8m	1			2	Serp 2		Mag No		
91.3	93.9	Shear & maf	Mod. sheared peridotite, increa- sing with depth to 93.1m, then weakly sheared but showing mod- strong bleaching + mod mar. porite staining to 93.9m Strongest shear from 92.2-92.7m, with foliation - parallel, quartz +ankeritic veining Shear fabric locally disrupted, giving irregular appearance.	Shear @ 37° TCA at 92.3m	1		1	1	Serp 2		Mag mod		

All-Terrane Mineral Exploration Services

Project: S. Cold

Client: MAF

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Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 2 (%)	Min 3 (%)	Other (%)
93.9	96.7	Shear U Nag	"Listwanitic zone" Variably sheared peridotite, - 12-15% banded Qtz + minor carbonate veins locally chalcedonic red argillitic (?) brown alteration. No reaction with HCl. Strongly developed banded mariposite zones bordering white - buff coloured quartz veins to 10 cm wide. Brecciation + grey-blue colouration from 96.8-97.3m Original magnetite to 43, altered to non-magnetic black mineral	Fol @ 43° TCA at 95.0m = veining Vein @ 43° TCA @ 97.7m	2		2 (mar)		Ank? 2				
99.7	103.0	Shear U/M	Variably sheared peridotite, weak near upper contact, increases towards 102.0m, together with increased argillitic/limonitic staining, 5-6% white quartz veining, locally brecciated at 100.4m, assoc. with mariposite + argillitic alt. Nod. serpentine + mariposite alteration from 100.8 to 101.9m. 3-4% diss. Nag - destroyed, non-magnetic	Qtz va @ 40° TCA at 100.4m Fol @ 70° TCA at 102.3m	1-2		2 (mar)	Ser	Ank 1 3				
103.0	106.7	Bas Breccia	Strongly foliated, largely shear brecciation, of basalt gneiss	Fol @ 51° TCA at 106.0m	1		1		Ank 2				

All-Terrane Mineral Exploration Services

Project: S. Cold

Client: FV

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Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 2 (%)	Min 3 (%)	Other (%)
			Strongest shearing, incl qz-carb veins, from 104.9-106.2m, coarse brecciation - block faulting from 105.9-106.2m. Local limestonitic bands incl. @ 104.7m. - Contact somewhat irregular & late grey qz overprints earlier white quartz	lower contact @ 77° (ave) to LA.									
106.7	107.4	Bas gneiss	Strongly limestonitic & anhydritic section of basalt gneiss		1		2		Anh 2	tr			
107.4	108.0	Shear zone	strongly brecciated, with qz stockwork (7-9%) within basalt gneiss. 2cm qz vein @ 107.0m, Dissem + fine-crystalline Pyrite	Shear @ 45° TLA at 108.0m	2		1		Anh 1	3			
108.0	109.6	Bas gneiss	strongly foliated basalt gneiss, with strongly developed late fracturing, locally with mariposite, 3-4% quartz veins and pods		1		1-2		Anh 2	2			
109.6	110.7	Shear Bas	Sheared, moderately to variably basalt, overprinting strongly & finely brecciated section and silica "healed" section, 3-4% bouldered white quartz veins,	Shear fabric @ 44° TLA at 110.1m	1-2		1		Anh 1	4			

Project: S. Gold

Client: FV

Hole No: 56-07-22

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Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 2 (%)	Min 3 (%)	Other (%)
			< 1% "calcite" veins + 3-4% Fine limonitic fracture stockwork, 7% replacement-style + dissem. pyrite										
110.7	112.7	Shear Bas	Weakly sheared, strongly foliated basalt gneiss, banded white Qtz vein at 111.9m, blue-grey Qtz @ 112.3m, "rimming" banded white quartz, Dissem. pyrite, weakly oxidized	Qtz vein at Foliation @ 34° TCA at 111.9m	1		2		Anh 1	3			
112.7	115.5	Bas Gneiss	Strong early foliation (metamorphic) of basalt gneiss, med. orange-grey coloration (limonite +ankerite?), Dissem. pyrite.	Fol @ 22° TCA at 114.0m	1		1		Anh 1	2			
115.5	118.3	Fract. Bas	~ 15% white quartz + pyrite in bleached, sericite-attuned basalt gneiss - weak greenish mica locally, 3% pyrite, (~ 5% in Qtz veins), dissem.		1		2			3			
118.3	119.5	Breccia Zone	Intense late brecciation de- creasing in intensity with depth, + strong argillic + phyllic alt. Sharp lower contact	V. contact @ 61° TCA at 119.3m		2	2			fr			

Project: S.C. 1d
 Client: R.V.
 Hole No: SK-07-22

Date: Aug 24
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Footage		Lithology	Description, including sub-units	Structural Measurements	Alteration					Mineralization			
From	To				Silica	Argillic	Phyllic	Carb	Other	Py (%)	Min 2 (%)	Min 3 (%)	Other (%)
119.5	123.5	Fract. Bas Gm	Mediate variable, late fracturing of basalt gneiss, coarse fairly broken, variable. Phyllic + argillic alteration in fractured areas.	Fol @ 30° TCA at 120.6m			2			tr			
123.5	127.0	Brecc Bas Gm	Strongly intermittent + late brecciation commonly related to small shear zones. Similar fabric to 119.5-123.5m interval, more intense. Minor white quartz veins, particularly from 126.0-127.0m	Shear @ 40° TCA at 125.0m		2	2			tr			
127.0	128.0	Breccia Dyke?	Strongly brecciated + brecciated internally sheared upper contact suggests dyke; lower contact also distinct. Banded siliceous 'brecciating' weakly oxidized, fine pyrite + sph/cr? in matrix and unoxidized portions	V. Cont @ 44° TCA at 127.6m, lower @ 34° TCA at 128.0m	2-3	1	1			1	Sphtr		
128.0	136.0	Bas gneiss	Mod erately silicified, variably so, strongest sil near 128.0m (dyke). 3-4% fine grey quartz veins to galena in vein @ 129.0m. 5 cm grey Qz-fspar vein at 130.6m, 1 cm Qz-diorite vein at 135.9m. Veins commonly crosscut foliation.	Grey Qz-fspar @ 42° TCA at 130.6m 129.0m White Qz @ 47° TCA at	2		2			>1	As tr	Ca tr	

Project: S. Cold

Client: FV

Hole No: 50-07-22

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