Contractor: CANG | Coordinates: 46948.62N 25446.58E | Project: EXPANSION | Hole No.: R89-646 (site A-31)

Drill Type: D40K w/o Aux. Air | Casing Depth: | State: SD | Sheet 1 of 3

Hole Size: | Bearing: — | Inclination: -90° | Date Started: 12/5/89 | Property: Gilt Edge/Anchor Hill

Collar Elev.: 5541.4 | Final Depth: 510' | Date Completed: 12/6/89 | Hole Surveyed: N/A

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement) / Type	Assay: Au	Assay: Ag
		Oxide	1	3	0-5		Fill	0-10 Fill, colluvium of Hornblende Trachyte.	0-20 Oxide (no visible sulfides)		
			50				Thtp	10-160 Hornblende Trachyte Porph., m.g. dark gray w/ black 1-2mm Hornblende laths!			
		tr		2	20-25				20-35 Mix tr. pyrite, moderate FeOx.		
		tr-1%		1					35-510 Sulfide, tr-1% fg. dissm. pyrite		
					45-50						
					70-75						
					95-100						
					120-125						
					145-150						
		tr		30			Cdh	160-230 Cambrian Deadwood Hornfels, dark gray-green to black & cream	(160-230) tr. pyrite (very sparse → dissm & in veins)		
					170-175						

DRILL CUTTING LOG

Logged by: S. Lindhoffer

Contractor _____ Coordinates _____ Project _____ Hole No. K89-696

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	TOTAL % SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	TYPE	ASSAY: Au	Ag
		tr	30	1	175-180		Cdh					
					195-200							
					220-225							
		1%	50				Thtp	230-245 Hornblende Trachyte Porph. As Above (10-160).	(230-295) 1% f.g. dissm. pyrite Asso. w/ Thtp sill.			
		1%										
		1%										
		tr	30		245-250		Cdh	245-285 Cambr. Deadwood Hornfels As Above (160-230)				
					270-275							
		1-2%	50				Thtp	285-300 Hornblende Trachyte Porph. As Above (230-295). Traces highly Altered hornblende laths.	(285-325) 1-2% f.g. dissm. pyrite.			
					295-300							
			30				Cdh	300-315 Cambr. Deadwood Hornfels				
			40				Cdq	315-330 Cambrian Deadwood Quartzite f.g., cream to greenish-gray, tr. clay?				
					320-325							
		1%	10				PE	330-390 PE Quartz Mica Schist: mostly black, 1-2% mod. to heavy "bleaching" of frags. 10-15% PE Chert frags some banded cream & some slightly [illegible]	(325-390) ~1% f.g. to cs. dissm. & vnlt. pyrite Asso. mostly w/ PE chert frags.			
					345-350							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-696

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

GRAPHIC LOGS			DOWN HOLE LOCATION		GEOLOGIC NOTES			
DISTANCE (feet)	ALTERATION	TOTAL % SULFIDES (vol %)	ROCK CODE	ORE CODE	DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION (DISTRIBUTION: Massive, Disseminated, Veinlet, Replacement; TYPE)	ASSAY Au	ASSAY Ag
		1%	10	1	350-355		PE	PE Schist cont.			
					370-375						
		1-2%	20		395-400		PE Chert	390-490 PE Meta-Chert, banded cream & gray color, slightly sucrosic texture, traces of oxidized fractures in chert frags.	(390-490) 1-2% fine to coarse grained pyrite, generally in veinlets but some disseminated visible. Traces of pyrrotite also.		
					420-425						
					445-450						
								(455-490) 3-5% PE Schist frags.			
					470-475						
		tr	10		495-500		PE	490-510 PE Qtz. Mica Schist, black, w/ traces PE Chert	(490-510) tr. pyrite		
								Hole TD @ 510'			
					520-525						

DRILL CUTTING LOG

Logged by: _____

Contractor: LMNO | Coordinates: 17324.71N 24786.51E | Project: EXPANSION | Hole No.: K89-647 (site A-59)

Drill Type: DH-1 w/ Aux. Air | Casing Depth: | State: SD | Sheet 1 of

Hole Size: | Bearing: — | Inclination: -90° | Date Started: 12/12/89 | Property: Gilt Edge / Anchor Hill

Collar Elev.: 5558.6 | Final Depth: 700' | Date Completed: 12/14/89 | Hole Surveyed: N/A

Distance (feet)	Alteration (Weak / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veining, Replacement) / Type	Assay: Au	Assay: Ag
		Oxide	1	3	0-5		Fill	0-25 Fill, Colluvium of Hornblende & Quartz Trachyte porphyry.	0-100 Oxide (No visible sulfide)		
					20-25						
			50				Thtp	25-160 Hornblende Trachyte porphyry. (25-110) Strong orange-brown FeOx staining w/ strong "bleaching" & alteration of phenos to sericite?			
					45-50						
					70-75						
					95-100						
		tr-1%		2					100-110 Mix. tr-1% pyrite		
		1%		1				(110-150) greenish-gray to dark gray, almost black. Some zones seem "bleached" as noted.	110-135 Sulfide ~1% f.g. to m.g. disem pyrite. (to 765')		
					120-125						
					145-150						
				30			Cdh	150-215 Cambrian Deadwood Hornfels. dark gray-black w/ 1-2% Thtp frags?			
					170-175						

DRILL CUTTING LOG

Logged by: S. Ringhoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R89-697

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 4

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration (Weak, Moderate, Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay Au	Assay Ag
		1%	30	1	175-180		Cdh					
					195-200							
			40		220-225		Cdq	215-265 Cambrian Deadwood Quartzite, f.g. "dirty" cream to dark gray color. Pyrite units & slight Argillic Alteration. Possible Thtp or Trp frags?				
					245-250							
		tr-1	50		270-275		Thtp	265-520 Hornblende Trachyte Porph (265-425) tr-1% f.g. disem. pyrite. As above (210-150). Hornblende phenocrysts blocky & short — not lath shaped.				
					295-300							
					320-325							
					345-350							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-647

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 4

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Alteration (Weak / Moderate / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlin, Replacement)	Mineralization: Type	Assay: Au	Assay: Ag
		tr-1	50	1	350-355		Thp					
					370-375							
					395-400							
					420-425							
		1-2							(425-435) 1-2% fg. dissm. pyrite.			
		tr		2				(435-445) Fract/Fault zone mod. clay & FeOx.	435-445 Mix, tr. pyrite			
									445-515 Silicified			
		1-2		1	445-450				(445-465) 1-2% fg. to cg. dissm. pyrite			
		tr-1							(465-570) tr-1% fg. dissm. pyrite			
					470-475							
					495-500							
		tr		2					515-525 Mix, tr. pyrite			
			60	1	520-525		Thp	520-540 Trachyte Porphyry				

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. K89-017

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 4

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay: Au	Assay: Ag
		tr-1	60		525-530		TTP	Trachyte porph. cont. m.g. yellowish-cream color, tr. angular secondary qtz.	525-700 (525-570) tr-1% f.g. disem. pyrite	Sulfide		
			50		545-550		Thtp	540-565 Hornblende Trachyte porphyry. As Above (565-570).				
			60				Ttp	565-570 Trachyte porph. As Above (570-590)				
		1-2	50		570-575		Thtp	570-700 Hornblende Trachyte porph. As Above (540-565) tr-1% oxidized frags & fracts.	(570-700) 1-2% f.g. disem. pyrite			
					595-600							
					620-625							
					645-650							
					670-675							
					695-700			Hole TD @ 700'				

DRILL CUTTING LOG

Logged By: _____

Contractor: LANG | Coordinat-- 46874.43N 25276.43E | Project: EXPANSION | Hole No. R89-648 (Site A-54)

Drill Type: D40K w/o Aux Air | Casing Depth: | State: SD | Sheet 1 of 3

Hole Size: | Bearing: — | Inclination: -90° | Date Started: 12/12/89 | Property: Gilt Edge/Anchor Hill

Collar Elev.: 5512.5 | Final Depth: 465' | Date Completed: 12/14/89 | Hole Surveyed: N/A

Distance (feet)	Alteration (Weak / Strong)	Total Sulfides % (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Texture, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veining, Replacement) / Type	Assay: Au	Assay: Ag
		Oxide	1	3	0-5		Fill	0-25 Fill, colluvium of Quartz Trachyte porphyry	0-95 Oxide (no visible sulfides)		
					20-25						
			50				Thtp	25-120 Hornblende Trachyte porphyry, m.g., orange-brown FeOx stained matrix w/ 10-20% of frags cream colored. Tr. MnOx staining?			
					45-50						
					70-75						
		tr			95-100				95-125 Mix, tr. pyrite 25-35% oxidized frags		
				30	120-125		Cdh	120-265 Cambrian Deadwood Hornfels. greenish-gray, f.g. hornfels.	125-405 Sulfide, tr. pyrite to 265		
				1							
					145-150						
					170-175						

DRILL CUTTING LOG

Logged by: S. Kingholtz

Contractor _____ Coordinates _____ Project _____ Hole No. R89-698

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veining, Replacement)	Type	Assay: Au	Assay: Ag
		tr	30	1	175-180		Cdh					
					195-200				(205-215) light orange-brown FeOx staining.			
					220-225							
					245-250							
		1-2	60		270-275		Trp	265-300 Trachyte Porphyry m.g., greenish-gray w/ highly "bleached" phenocrs.	(265-295) 1-2%, f.g. to m.g. dissem. & vnlt. pyrite.			
		7-10	40		295-300		Cdq	300-315 Cambrian Deadwood Quartzite, f.g., "dirty" cream, greenish-gray & brown. Moderately fractured w/ FeOx along fracts. Traces Cdh & Trp frags.	(295-310) 7-10% coarse grained cubic pyrite veinlet. (310-430) tr-1% pyrite			
		tr-1	10		320-325		PE	315-360 PE Quartz Mica Schist black, dense w/ traces PE chert & mod. to strong "bleaching" (340-360)				
					345-350							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-698

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Mineralization: Type	Assay: Au	Assay: Ag
		tr-1	V0	L	350-355		PE					
			60				Ttp	360-365 Trachyte porph. As Above (265-300)				
			10				PE	365-465 PE Qtz. Mica Schist				
					370-375			As Above (315-360) 1-2% PE chert frags.				
					395-400							
								(405-430) light to med. oxidation w/ tr-1% oxidized Ttp frags.	405-430 Mix, tr-1% f.g. pyrite w/ mod. oxidation			
					420-425							
		tr							430-465 Sulfide, tr pyrite			
					445-450							
								Hole TD @ 465'				
					470-475							
					495-500							
					520-525							

DRILL CUTTING LOG

Logged by:

Contractor: LANG | Coordinat-- 46848.87N 25014.02E | Project: EXPANSION | Hole No. R89-649 (site A-55)

Drill Type: D40K w/o AUX Air | Casing Depth: | State: SD | Sheet 1 of 4

Hole Size: | Bearing: – | Inclination: -90° | Date Started: 12/14/89 | Property: Gilt Edge/Anchor Hill

Collar Elev.: 5520.8 | Final Depth: 565' | Date Completed: 12/16/89 | Hole Surveyed: N/A

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement) / Type	Assay: Au	Assay: Ag
		Oxide	1	3	0-5		Fill	0-15 Fill, colluvium of Quartz trachyte porphyry.	0-40 Oxide (no visible sulfides)		
			50		20-25		Thtp	15-145 Hornblende Trachyte Porphyry. Mg., orange-brown & gray. (15-85), dark greenish-gray to 145'.			
		tr		2	45-50				40-100 Mix, tr. pyrite, mostly oxide material.		
					70-75						
					95-100						
					1				100-130 Sulfide, tr. pyrite		
					120-125						
					2				130-170 Mix, mod. oxidation tr. pyrite.		
				30	145-150		Cdh	145-285 Ambrian Deadwood Hornfels, greenish-gray black w/ light FeOx (220-260).			
					170-175				170-285 Sulfide tr pyrite		

DRILL CUTTING LOG

Logged by: S. Ringhoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R89-649

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 4

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DRILL CUTTING LOG

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Mineralization: Type	Assay: Au	Assay: Ag
		tr	30	1	175-180		Cdh					
					195-200							
					220-225							
					245-250							
									(260-265) 1-2% m.g. pyrite unit.			
					270-275							
		tr-1	50	2			Thtp	285-305 Hornblende Trachyte porph. m.g. orange-brown FeOx, Hornblende phenocryst "ghosts", "bleached" to cream color.	285-405 Mix. tr-1% f.g. dissm. & unit. pyrite w/ mod. FeOx.			
					295-300							
			40				Cdq	305-335 Cambrian Deadwood Quartzite f.g., "dirty" cream-gray, mod. fractured w/ FeOx along fracts.				
					320-325							
			20				PE Chert	335-375 PE Chert banded cream & gray, tr-1% schist frags.				
					345-350							

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. P89-699

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 4

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

GRAPHIC LOGS				DOWN HOLE LOCATION		GEOLOGIC NOTES				
DISTANCE (feet)	ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement) / TYPE	ASSAY: Au / Ag
		tr-1	20	2	350-355		PE Chert			
					370-375					
			10				PE	375-430 PE Quartz Mica Schist, mod. to strong "bleaching" & FeOx.		
					395-400					
		tr		3					405-565 Oxide, very scarce traces of pyrite, abund. FeOx.	
					420-425					
			20				PE Chert	430-480 PE Chert as above. 20-30% PE schist frags. Chert is darker gray w/ 20-30% cream colored frags		
					445-450					
					470-475					
			10				PE	480-540 PE Qtz. Mica Schist as above (375-430)		
					495-500					
					520-525					

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. K89-699

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 4

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

GRAPHIC LOGS												GEOLOGIC NOTES				
DISTANCE (feet)	ALTERATION							TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	DOWN HOLE LOCATION: ELEVATION	ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	MINERALIZATION: TYPE	ASSAY: Au	ASSAY: Ag
								tr	10	3	525-530		PE					
									20				PE Chert	540-550 PE Chert As above (430-480)				
											545-550							
									10				PE	550-565 PE Qtz. Mica Schist As Above (480-540)				
														Hole TD @ 565'				
											570-575							
											595-600							
											620-625							
											645-650							
											670-675							
											695-700							

DRILL CUTTING LOG

Logged by:

Contractor: CANG | Coordinates: 47484.03N 24891.76 E | Project: EXPANSION | Hole No.: R89-650 (site A-61)

Drill Type: DH-1 w/o Aux Air | Casing Depth: | State: SD | Sheet 1 of 3

Hole Size: | Bearing: — | Inclination: -90° | Date Started: 12/15/89 | Property: Gilt Edge/Anchor Hill

Collar Elev.: 5575.3 | Final Depth: 525' | Date Completed: 12/17/89 | Hole Surveyed: N/A

Distance (feet)	Alteration (Weak / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay: Au	Assay: Ag
		tr	1	2	0-5		Fill	0-15 Fill, colluvium of Hornblende Trachyte porph.	0-15 Mix, tr. pyrite, mod. oxidized.			
		~1%	50	2	20-25		Thtp	15-235 Hornblende Trachyte Porphyry m.g., mottled dark gray & black.	15-340 Sulfide, ~1% f.g. dissm. pyrite.			
					45-50							
					70-75							
					95-100							
		1-2 5-7 1%			120-125			(125-130) looks like Trachyte somewhat.				
					145-150							
					170-175							

DRILL CUTTING LOG

Logged by: S. Ringhoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R89-650

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak / Strong)	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	TYPE	ASSAY: Au	Ag
		1%	50	1	175-180		Thtp	(175-200) Stronger "bleaching" of hornblende laths.				
					195-200							
					220-225							
			30				Cdh	235-245 Cambrian Deadwood Hornfels greenish-gray w/ 2-3% Thtp frags				
			30									
			50		245-250		Thtp	245-365 Hornblende Trachyte Porph. As Above (15-235).				
					270-275							
								(285-330) 3-5% Cdh frags				
					295-300							
					320-325							
								(330-365) Strong Fault/Fract. zone in Thtp, mod FeOx & traces brecciated frags.	340-355 Mix. 1-2%			
		1-7		2	345-350							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-650

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

GRAPHIC LOGS				DOWN HOLE LOCATION		GEOLOGIC NOTES				
DISTANCE DOWN HOLE (feet)	ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement) / TYPE	ASSAY: Au / Ag
		1-2	50	2	350-355		Thtp			
				1					355-525 Sulfide (355-915) ~1% f.g. dissm. pyrite.	
			30				Cdh	365-375 Camb. Deadwood Hornfels		
			30		370-375			As Above (235-245) 2-3% Thtp frags		
			50				Thtp	375-405 Hornblende Trachyte porph. As Above (245-365)		
		1%								
					395-400					
		1-2	30				Cdh	405-415 Camb. Deadwood Hornfels As Above (365-375)	(405-455) 1-2% f.g. dissm. pyrite	
			40				Cdq	415-430 Cambrian Deadwood Quartzite f.g., "dirty" cream-gray & greenish color.		
					420-425					
			50				Thtp	430-435 Hornblende Trachyte Porph.		
		~1%	40				Cdq	435-445 Camb. Deadwood Quartzite As Above (415-430)	(435-445) ~1% pyrite	
		tr-1	60		445-450		Ttp	445-450 Trachyte Porph. m.g. greenish cream color.	(445-480) tr-1% pyrite	
			10				PE	450-455 PE Qtz. Mica Schist.		
			60				Ttp	455-460 Trachyte Porphyry As Above (445-450)		
			10				PE	460-480 PE Qtz Mica Schist.		
					470-475					
		1-2	60				Ttp	480-495 Trachyte Porphyry (480-485) & (490-495) 5-10% PE Schist frags	(480-495) 1-2% f.g. dissm. pyrite	
		tr	10		495-500		PE	495-505 PE Qtz. Mica Schist. (500-505) lite bleaching of schist, 1-2% Ttp frags	(495-505) tr. pyrite	
		1%	60				Ttp	505-510 Trachyte porph. 1-2% PE schist	(505-510) ~1% pyrite	
		tr	10				PE	510-525 PE Qtz. Mica Schist.		
		↓	↓		520-525		↓	Hole TD @ 525'		

DRILL CUTTING LOG

Logged by:

Contractor: CANG | Coordinates: 47256.35N 25799.49E | Project: EXPANSION | Hole No.: R89-651 (Site A-12)

Drill Type: D40K w/o Aux. Air | Casing Depth: | State: SD | Sheet 1 of 3

Hole Size: | Bearing: — | Inclination: -90° | Date Started: 12/16/89 | Property: Gilt Edge/Anchor Hill

Collar Elev.: 5610.9 | Final Depth: 500' | Date Completed: 12/17/89 | Hole Surveyed: N/A

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Mineralization: Type	Assay: Au	Assay: Ag
		Oxide	1	3	0-5		Fill	0-10 Fill, colluvium of Hornblende Trachyte porph.	0-20 Oxide (no visible sulfides)			
			60				Thtp	10-220 Hornblende Trachyte Porphyry. M.g., mottled dark gray & black.				
		tr		2	20-25				20-30 Mix, tr. pyrite minor FeOx			
		1%		1					30-500 Sulfide (30-220) ~1% f.g. diss m & unlt. pyrite			
					45-50							
					70-75							
					95-100							
					120-125							
					145-150							
					170-175							

DRILL CUTTING LOG

Logged by: S. Pinsbottger

Contractor _____ Coordinates _____ Project _____ Hole No. R89-651

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veining, Replacement)	TYPE	ASSAY: Au	Ag
		1%	50	1	175-180		Thtp					
		tr										
					195-200							
		tr	30		220-225		Cdh	220-285 Cambrian Deadwood Hornfels (220-) tr. pyrite. cream, gray, dark brown & green hornfelsic shales.				
					245-250							
					270-275							
			50				Thtp	285-290 Hornblende Trachyte porph. As Above (10-220)				
			30				Cdh:	290-370 Camb. Deadwood Hornfels As Above (220-285)				
					295-300							
					320-325							
					345-350							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-651

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration (Weak, Moderate, Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay: Au	Assay: Ag
		tr	50	1	350-355		Cdh					
			50		370-375		Thtp	370-375 Hornblende Trachyte Porph, As Above (285-290)				
			30				Cdh	375-400 Camb. Deadwood Hornfels				
								As Above (290-370)				
					395-400							
		tr-1	40				Cdq	400-415 Cambrian Deadwood Quartzite (900-415) tr-1% pyrite				
								s.g. "dirty" cream-gray color				
		tr	10				Pe	415-500 PE Qtz Mica Schist.	(415-500) tr. pyrite			
					420-425			black w/ some light "bleaching"				
								(435-450). Tr. Pe/chert frags.				
					445-450							
					470-475							
					495-500			Hole TD @ 500'				
					520-525							

DRILL CUTTING LOG

Logged by:

Contractor: LANG | Coordinates: 47158.62N 2544.07E | Project: EXPANSION | Hole No. R89-652 (Site A-38)

Drill Type: D40K w/o Aux Air | Casing Depth: | State: SD | Sheet 1 of 3

Hole Size: | Bearing: — | Inclination: -90° | Date Started: 12/18/89 | Property: Gilt Edge / Anchor Hill

Collar Elev.: 5625.8 | Final Depth: 500' | Date Completed: | Hole Surveyed: N/A

Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Down Hole Location: Elevation	Rock Type	Description: Mineralogy, Alteration, Textures, Grain Size, Fragment Size	Mineralization: Distribution (Massive, Disseminated, Veining, Replacement)	Mineralization: Type	Assay: Au	Assay: Ag
		Oxide	1	3	0-5		Fill	0-10 Fill, Colluvium of Hornblende Trachyte porphyry	0-385 Oxide (No visible sulfides)			
			50				Thtp	10-230 Hornblende Trachyte porphyry, mottled orange-brown & black, m.g. Hornblende laths mostly altered/weathered to cream colored "ghost" phenocrysts.				
					20-25							
					45-50							
					70-75							
					95-100							
					120-125							
					145-150							
					170-175							

DRILL CUTTING LOG

Logged by: S. Pinghoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R89-652

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlet, Replacement)	TYPE	ASSAY: Au	Ag
		Oxide	50	3	175-180		Tltp					
					195-200							
					220-225							
			30				Cdh	230-325 Cambrian Deadwood Hornfels, dark gray-brown, w/ orange-brown FeOx stained fracts.				
					245-250							
					270-275							
					295-300							
					320-325							
			85				Tqtp	325-375 Quartz Trachyte Porphyry, m.g. orange-brown FeOx staining. Traces Cdh. & Pc schist frags.				
					345-350							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-C52

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 3

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DRILL CUTTING LOG

Logged by:

GRAPHIC LOGS												DOWN HOLE LOCATION		GEOLOGIC NOTES				
DISTANCE (feet)	ALTERATION								TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	DESCRIPTION (MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE)	MINERALIZATION DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement)	MINERALIZATION TYPE	ASSAY Au	ASSAY Ag
									Oxide	85	3	350-355		Tqtp					
												370-375							
										30				Cdh	375-410 Camb. Deadwood Hornfels. As Above (230-325)				
									tr		2				(325-375) 2-5% Tqtp frags.	385-405 Mix, tr. pyrite w/ mod. sporadic FeOx staining.			
												395-400							
									Oxide		3					405-500 Oxide (no visible sulfides)			
										40				Cdg	410-430 Cambrian Deadwood Quartzite, e.g. "dirty" cream, gray & orange-brown FeOx stained color.				
												420-425							
										10				PE	430-440 PE Quartz Mica Schist. (Paleosole?)				
										20				PE Chert	440-450 PE Chert, cream-gray, slightly sucrosic.				
												445-450							
										85				Tqtp	450-460 Quartz Trachyte Porphyry.				
										10				PE	460-485 PE Qtz. Mica Schist As Above (430-440)				
												470-475							
															(480-485) 2-3% Tqtp frags				
										85				Tqtp	485-490 Quartz Trachyte Porph. As Above				
										10				PE	490-500 PE Qtz. Mica Schist As Above (460-485)				
												495-500							
															Hole TD @ 500'				
												520-525							

Contractor: CMND | Coordinates: 47117.55N 25000.87E | Project: EXPANSION | Hole No.: K89-655 (A-36)

Drill Type: DH-1 w/o Aux Air | Casing Depth: | State: SD | Sheet 1 of 5

Hole Size: | Bearing: – | Inclination: -90° | Date Started: 12/19/89 | Property: Gilt Edge/Anchor Hill

Collar Elev.: 5606.1 | Final Depth: 845' | Date Completed: 12/21/89 | Hole Surveyed: N/A

Distance (feet)	Graphic Logs: Alteration (Weak / Moderate / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay: Au	Ag
		Oxide	85	3	0-5		Tqtp	0-845' Quartz Trachyte Porphyry m.g., orange-brown FeOx stained color, w/ some light "bleaching" of phenocrysts to a cream color; ~12%.	0-265 Oxide (No visible sulfides)			
					20-25							
					45-50							
					70-75							
								(85-105) 2-3% Argic (~2.5 cm) frag size ⇒ fract zone?				
					95-100							
					120-125							
					145-150							

DRILL CUTTING LOG

Logged by: S. Kingloffer

Contractor _____ Coordinates _____ Project _____ Hole No. R89-653

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration (Weak, Moderate, Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Type	Assay: Au	Ag
		Oxide	85	3	175-180		Tgtp					
					195-200							
								(205-210) Tr. clay				
					220-225							
					245-250							
		tr			270-275			(265-305) tr. Pf. Qtz. Mica Schist frags. Alteration: weak Argillic w/ some sericitic?	265-400 Mix, tr. pyrite, mostly oxidized to 300'			
					295-300							
		tr-1							(300-400) ~ 10-20% of frags oxidized. ~ tr-1% pyrite to 435'			
					320-325							
					345-350							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-653

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance Down Hole (feet)	Graphic Logs: Alteration (Weak / Moderate / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veining, Replacement)	Mineralization: Type	Assay: Au	Assay: Ag
		tr-1	85	2	350-355		Tqtp					
					370-375							
					395-400			(400-845) greenish cream-gray color w/ "bleached" cream colored phenocrysts. Overall alteration moderate to strong.	400-845 Sulfide. Pyrite % as noted.			
					420-425							
		1-2						(435-450) partially oxidized pyrite veining.	(435-450) 1-2% f.g. dissm. pyrite			
					445-450							
		tr-1							(450-515) tr-1% f.g. dissm. pyrite			
					470-475							
					495-500			(505-515) 5-10% PE schist frags ⇒ sm. xenolith.				
		1-2							(515-845) 1-2% f.g. dissm. pyrite			
					520-525							

DRILL CUTTING LOG

Logged by: _____

Coordinates _____ Project _____ Hole No. RDT-635

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration (Weak, Moderate, Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement)	Type	Assay: Au	Assay: Ag
		1-2	85	1	525-530		Tgtp					
					545-550							
					570-575							
					595-600							
					620-625							
								(630-845) Scattered traces to ~1% Pe schist frags.				
					645-650							
					670-675							
					695-700							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R87-655

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration (Weak / Moderate / Strong)	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlet, Replacement) / Type	Assay: Au	Assay: Ag
		1-2	85	1	700-705		Tqfp				
					720-725						
					745-750						
					770-775						
					795-800						
									(805-810) Tr. purple Fluorite		
					820-825			(820-835) somewhat larger frag. size ⇒ fract zone			
								(830-835) Quartz veining	(835-840) Tr. purple Fluorite		
								Hole TD @ 845'			
					845-850						
					870-875						

DRILL CUTTING LOG

Logged by:

Contractor: CANG | Coordinates: 47190.49N 25200.64E | Project: EXPANSION | Hole No.: R89-654 site(A-40)

Drill Type: D40K w/Aux Air | Casing Depth: | State: SD | Sheet 1 of

Hole Size: | Bearing: | Inclination: | Date Started: 12/20/89 | Property: Gilt Edge/Anchor Hill

Collar Elev.: 5634.2 | Final Depth: 745' | Date Completed: 12/21/89 | Hole Surveyed: N/A

GRAPHIC LOGS: Distance (feet)	Alteration	Total Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Type	Assay: Au	Ag
	Oxide	85	5		0-5		Tqtp	0-675 Quartz Trachyte Porphyry m.g. orange-brown FeOx stained color w/ zones of more maroon colored FeOx as noted. Light "bleaching" of 20-50% of phenos.	0-65 Oxide (no visible sulfides)			
					20-25							
					45-50			(40-80) More maroon colored FeOx staining.				
								(65-80) Alteration: mod. Argillic.				
					70-75							
					95-100							
					120-125							
					145-150							
					170-175							

DRILL CUTTING LOG

Logged by: S. Ringhoffer

Contractor _____ Coordinates _____ Project _____ Hole No. R89-654

Drill Type _____ Casing Depth _____ State _____ Sheet 2 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	TOTAL SULFIDES (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	ROCK TYPE	GEOLOGIC NOTES: DESCRIPTION (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	MINERALIZATION: DISTRIBUTION (Massive, Disseminated, Veinlets, Replacement)	TYPE	ASSAY: Au	Ag
		Oxide	85	3	175-180		Tafp					
					195-200			(200-250) Weak Maroon colored FeOx staining. Light brecciation?				
					220-225							
					245-250							
					270-275							
					295-300							
					320-325			(320-330) Maroon colored FeOx ⇒ fract zone				
					345-350			(345-360) Strong Maroon colored FeOx – fault				

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-654

Drill Type _____ Casing Depth _____ State _____ Sheet 3 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION (Weak, Moderate, Strong)	TOTAL SULFIDES % (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION Massive, Disseminated, Veinlets, Replacement	TYPE	ASSAY Au	ASSAY Ag
		Oxide	85	3	350-355		Tgtp					
								(360-420) Weaker Maroon colored FeOx ⇒ Weak fract. zone.				
					370-375							
								(380-385) Character sample missing. 380-390 was bagged & sampled in (385-390) ⇒ 110' in one bag & chip tray: 385-390.				
					395-400							
					420-425							
					445-450							
								(450-470) Somewhat layer frag size to ~ 3 cm. ⇒ fract zone				
					470-475							
					495-500							
					520-525							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-654

Drill Type _____ Casing Depth _____ State _____ Sheet 4 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

Distance (feet)	Graphic Logs: Alteration	Total % Sulfides (vol %)	Rock Code	Ore Code	Down Hole Location: Distance Down Hole (feet)	Elevation	Rock Type	Geologic Notes: Description (Mineralogy, Alteration, Textures, Grain Size, Fragment Size)	Mineralization: Distribution (Massive, Disseminated, Veinlets, Replacement)	Type	Assay: Au	Ag
		Oxide	86	3	525-530		Tgto					
					545-550							
								(560-565) Tr. PE Qtz. Mica Schist frags.				
					570-575							
					595-600							
					620-625			(620-650) Strong FeOx w/ brecciation (625-640) ⇒ Fract Zone				
		tr		2	645-650				645-650 Mix, tr. pyrite			
		1-2		1				(650-665) cream colored porphyry where not oxidized.	650-665 Sulfide, 1-2% pyrite			
		1-2		1								
		1-2		1								
		Oxide		3					665-675 Oxide			
				3	670-675							
		tr	10	2			PE	675-745 PE Quartz Mica Schist	675-680 Mix.			
		tr-1		1				(675-725) 2-3% Quartz Trachyte Porph frags. Light "bleaching" of Schist frags to 725'.	680-745 Sulfide, tr-1% pyrite			
					695-700							

DRILL CUTTING LOG

Logged by:

Contractor _____ Coordinates _____ Project _____ Hole No. R89-654

Drill Type _____ Casing Depth _____ State _____ Sheet 5 of 5

Hole Size _____ Bearing _____ Inclination _____ Date Started _____ Property _____

Collar Elev. _____ Final Depth _____ Date Completed _____ Hole Surveyed _____

DISTANCE (feet)	GRAPHIC LOGS: ALTERATION	TOTAL SULFIDES % (vol %)	ROCK CODE	ORE CODE	DOWN HOLE LOCATION: DISTANCE DOWN HOLE (feet)	ELEVATION	GEOLOGIC NOTES: ROCK TYPE	DESCRIPTION: MINERALOGY, ALTERATION, TEXTURES, GRAIN SIZE, FRAGMENT SIZE	MINERALIZATION: DISTRIBUTION Massive, Disseminated, Veinlets, Replacement	TYPE	ASSAY: Au	Ag
		Tr-1	V0		700-705		PE					
					720-725							
					745-750			Hole TD @ 745'				
					770-775							
					795-800							
					820-825							
					845-850							
					870-875							

DRILL CUTTING LOG

Logged by: