

DRILL LOG

PROJECT 2153	GROUND ELEV. 3495'
HOLE NO. 23	BEARING 090°
LOCATION Sulphurctr Gold Zone	DIP -45°
LOGGED BY R. Baerg, D. Bridge	TOTAL LENGTH 324' (98.76m) to 318' 96.93m <small>core recovery</small>
DATE July 11/81 - July 13/81	HORIZONTAL PROJECT <small>based on 96.93 m:</small> 68.54m
CONTRACTOR Arctic Diamond Drilling	VERTICAL PROJECT 68.54m
CORE SIZE 39	ALTERATION SCALE 0 1 2 3 absent slight moderate intense
DATE STARTED July 10/81	TOTAL SULPHIDE SCALE 0 1 2 3 4 traces only < 1% 1% - 3% 3% - 10% > 10%
DATE COMPLETED July 12/81	
DIP TESTS none	
COMMENTS hole broke out of cliff face at 324'. rods were lost down the hole.	LEGEND

D. Baerg

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS									
		FROM	TO	WIDTH		oz/ton	ppm	ppm	ppm	ppm	ppm	ppb			
						Au	Ag	Cu	Mo	Pb	Zn	Hg			
4.80-6.20: py - 10%, f-m.g., anhedral, mainly as sm mass. patches + on fractcs, very Fe stained	4.80			1.20	3838	.018									
6.20 - 9.62: py - 40-45%, f-m.g., anhedral to subhedral; mainly as veins + mass. patches.	6.00					.021	1.9	878	12	22	39	350			
				3.00	3839	.014									
						.041	4.8	678	14	116	71	820			
	9.0														
9.62-13.95: py - 15-20%, f-m.g., mainly sm veins, mass. patches, anhed. to subhed; trace to minor chalc; vis. Au, 13.10- 13.25, halos around sm. py veins	9.62		0.62		3840	.040									
						.039	2.0	1280	6	43	39	310			
				2.38	3841	.026									
						.029	2.2	2040	2	33	41	500			
	12.00														
13.95-14.63: mass. py vein-patch, py - 75-80%, f-m.g., mainly f.g., one obs. of sph.				1.95	3842	.079									
						.074	4.8	2800	4	138	68	1300			
	13.95														
				0.68	3843	.054	4.4	1200	4	65	63	1650			
14.63-15.63: py - 10-15%, f-m.g., mainly dissem., anhed. to subhed.	14.63		0.37		3844	.036	2.2	894	2	36	27	220			
	15.00					.032									
				0.63	3845	.060	2.8	858	8	53	9	380			
	15.63					.061									
15.63-16.78: mass. py-gtz vein, py - 90%, f-m.g., anhed. to subhed				1.15	3846	.102									
						.110	4.0	1920	44	103	101	400			
				1.22	3847	.036									
16.78-45.0: py - 15-20%, f-m.g., mainly dissem + sm. veins, trace chalc; py in many gtz veins	18.00					.040	3.0	1240	24	120	72	400			
						.039									
				3.00	3848	.040	3.2	1280	6	41	41	950			
	21.00														

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		² / _t Au	ppm Ag	ppm Cu	ppm Mo
				3.00	3849	.017			
						.019	1.2	1040	7
		24.0							
				3.00	3850	.011			
						.012	0.9	935	3
		27.0							
				3.00	3851	.028			
						.028	0.9	1625	1
		30.0							
				3.00	3852	.047			
						.042	1.0	2000	2
		33.0							
				3.00	3853	.016			
						.020	0.9	1000	2
		36.0							
				3.00	3854	.041			
						.030	1.0	1360	2
		39.0							
				3.00	3855	.015			
						.020	1.0	952	2
		42.0							
				3.00	3856	.034			
						.030	1.2	676	4
		45.0							

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS			
		FROM	TO	WIDTH		oz/tm	ppm	ppm	ppm
		45.0				Av	Ag	Cu	Mo
45.00-53.30: py - 25%, f-m.g., anhed to subhed, mainly as sm veins + patches; trace - minor chalco, fine grains to sm patches in w the py, trace Ag sulfide? in gtz veins (3 observ.)				3.00	3857	.020 .020	0.7	1320	1
		48.0		3.00	3858	.018 .019	0.8	1300	1
		51.00		3.00	3859	.110 .060	1.0	3000	48
53.30-54.20: py - 70-75%, f-m.g., massive		54.0							
54.20-56.76: py - 15%, f-m.g., mainly as sm veins + dissem.				3.00	3860	.022 .077	0.8	1380	2
56.76-62.08: py - 10-15%, f-m.g., mainly sm veins + dissem; trace chalco, f. grains + patches in py; 2 obs. of vis. Au, assoc. w sm. py veins, v.f. grains.		57.0		3.00	3861	.102 .084	1.6	1600	4
		60.0		2.08	3862	.041 .031	0.8	960	40
62.08-74.78: py - 10%, f-m.g., sm.		62.08		0.92	3863	<.001			
vein + patches; trace moly + chalco, moly obs in gtz vein, chalco dissem in py.		63.0		3.00	3864	.011 .010	0.8	784	2
		66.0		3.00	3865	.003 .021	0.9	1230	2
						.021	1.1	1620	2

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS				
		FROM	TO	WIDTH		oz/ton	ppm	ppm	ppm	
						Au	Ag	Cu	Mo	
		69.0								
				3.00	3866	.029				
						.011	0.9	996	1	
		72.0								
				3.00	3867	.003				
						.031	1.0	1160	6	
		74.78 - 81.60: py - 10%, f-m.g., mainly sm veins + dissem, 1-8 cm massive f.g. patch (vein?) in fract zone; trace chalc	75.0							
				3.00	3868	.044				
						.039	0.9	1880	1	
		78.0								
				3.00	3869	.027				
						.028	1.0	2410	10	
		81.0								
		81.60 - 84.53: py - 5%, f-m.g., mainly dissem + sm patches, lobs. of vis. Au? + Chalc + Bornite on a fract.	81.60	0.60	3870	.031				
						.030	0.9	1180	24	
				2.10	3871	.023				
						.020	1.0	1920	1	
		84.00								
		84.53 - 96.93: py - 10-15%, f-m.g., mainly as sm veins; trace-minor chalc, usually assoc w py as dissem patches; 7 obs. of vis. Au, 6 obs were assoc w sm py veins or patches, lobs of Au-py in 1.5cm gtz vein; trace Ag - grey mineral? in and around some gtz veins	84.53	0.53	3872	.058				
						.052	1.2	3050	24	
				2.47	3873	.042				
						.052	1.1	3060	52	
		87.0								
				3.00	3874	.011				
						.013	0.9	1180	2	
		90.0								

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES			SAMPLE NUMBER	ASSAYS								
		FROM	TO	WIDTH		oz/tm Au	ppm Ag	ppm Cu	ppm Mo	ppm As	ppm Sb	ppb. Hg		
		90.0												
				3.00	3875	.019								
						.019	0.8	1620	16					
		93.0												
				3.00	3876	.035								
						.021	0.8	1280	6					
		96.0												
				0.93	3877	.031								
		96.93				.031	1.6	3120	60	14	13	180		
										Pb-30	Zn-56			

