

GRID Anomaly E HOLE NO. CGGC-7 COORDINATES L11+200E / 9+750NBEARING 45° Az. ANGLE -50° DEPTH 296'

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				Au	Ag
0	25'	O/VBN		ppb	ppm
25'	141'	<u>RHYOLITE - QUARTZ FELDSPAR PORPHYRY - QFP</u>			
		Gray qtz. lvs and feldspar phenocrysts in a greenish to gray groundmass. Feldspars are clay altered from 25' - 121'.			
		25'-44' - Consistently calcareous			
		44'-141' - Only occasionally calcareous			
		- There is no surficial oxide here.			
		26' - Pyrite // to fracture 50°CA			
		36' - Fracture with green clay - 50°CA			
		37½' - 2" clay altered crush zone at 55°CA - Disseminated fine pyrite to 38½'			
		53½' - pyrite beam at 45°CA	(37½'-39½') 053670	11	0.08
		64' - Amethyst veinlet			
		66'+67' - Amethyst veinlet + Qtz. Phenocryst replacement			
		67'-68' - A marked increase in a green Qtz. groundmass.			
		68' - 1" crush-clay zone at 60°CA			
		71' - Pyrite beam at 45°CA			
		72' - Amethyst			
		73'-74' - Strong pyrite in fracture parallel to CA.			
		75'-76' - Amethyst veinlets - also located at 77'+86'+87'+93'.	(66'-74') 053671	9	—
		130'-141' : Very fine grained greenish-matrix supported monolithic (QFP) H.B. - Noted in hole #5 as type 1C. It has			

Logged by A. CurlosHole Number CGGC-7Sheet Number ONE

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				A <sub>n</sub>	A <sub>s</sub>
		C. Crushed appearance.		ppb	ppm
		(135 1/2 - 141')	053672	< 5	—
		141' - Fault Contact			
141'	296'	FAULT BRECCIA SECTION OF PREVIOUSLY HYDROTHERMALLY BRECCIATED MATERIAL (HETEROLITHOLOGIC)			
		<p>A great proportion of this section consists of variably crushed hydrothermal breccia consisting of, where observable, of generally less than 1 cm. size clasts of clay altered QP. Other clasts noted are of blue-gray or white and smoky quartz. Matrix to the above is of a dark gray (black) to light gray color peppered with &lt; 1 mm. in diameter carbonaceous fragments.</p> <p>Many instances of an increase in carbonaceous substance occurs - at times in vugs - where it has been tentatively deemed to be PYROBITUMEN - the solid hydrocarbon characteristic of Carlin-type gold deposits.</p> <p>The more intact sections invariably host flattened Qtz. Carb. veinlets. There are none so crushed and fluidized that one might refer to them as sandstone.</p> <p><u>Alteration:</u></p> <p>Calcareous thin section - except where totally crushed and fluidized. Clay is ubiquitous as a matrix in coarsely crushed zones. There are</p>			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				Au ppb	Ag ppm
		Number a no. of sections where the more finely grained material is indurated by Qtz. Sulphides are generally not observed. A no. of localized occurrences coincide with hydrofractured zones			
		141'-151' - A dark matrix micro-breccia with Qtz. vein network.			
		(141'-146')	056243	<5	0.10
		155' - Qtz. Carb. veinlet 60° C.A. (146'-151')	056244	<5	0.12
		159' - Qtz. vein along fracture 55° C.A.			
		163' - " " " " "			
		183' - An 8" section of completely intact t.b. with a 1/2" rounded clast of material as in 173 1/2 - 245' in hole #5. (Hematite + pyrite etc).	(158'-163') 057673	<5	0.10
		(182 1/2 - 189')	057674	<5	0.14
		193'-215':			
		<u>SANDSTONE (fluidized sand breccia)</u>			
		193' - Very apparent Carbonaceous material - <u>PYROBITUMEN?</u> This notable Carbonaceous presence is noted thru the section as patches and wisps along fluidizing flow solutions. It is non-calcareous - much sericite			
		<u>215'-224' - HYDROTHERMAL BRECCIA.</u>			
		<u>Clay altered and slightly crushed</u>			
		This section carries angular Pyrobitumen clasts to several inches in diameter. Calcareous - prominent fractures at 55°-60° C.A.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				Au	Ag
		217'-220' - Pyrite increases at 217' as patches in gray matrix Hydrothermal Breccia - also in Clay altered previously brecciated QP clasts. These clasts have a prominent bleached reaction rim with very fine blue-gray sulphides visible further within.		PPb	PPm
		Interesting to note is that black matrix breccia clasts occur within the later gray matrix breccia, which is pyrite rich.			
		Discontinuous milky-white Qtz. veining begins at 217'. (215'-220')	053675	<5	0.09
		220' - occasional Qtz. filled vugs with pyrite. Unique blue Qtz fragment ≈ 3mm. Also at 220' - a short vein breccia - hydrofracture texture noted.			
		220'-224' - Core is more crushed - although a still evident gray-matrix Hydrothermal Breccia matrix. There are occasional discontinuous Qtz. Veins that cross both matrix and clasts. Reaction rims plus fine blue-gray sulphides still observed in QP clasts. (220'-224')	053676	<5	0.12
		<u>224'-233' - Sandstone (fluidized fault breccia)</u>			
		As 103' - 215'			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				Au	Ag
		<u>233'-241'-HYDROTHERMAL BRECCIA</u>		PPb	PPm
		<u>Clay altered and slightly crushed</u>			
		Texture is still unbrecciated.			
		237'-Core is more competent - Siliceous -			
		a large (4") previously brecciated			
		QP clast with a blue-gray hue, pits			
		in a black matrix. The clast has			
		a very irregular, feathered edge.			
		238'- Pyrite patches in black matrix			
		of the breccia and disseminated in			
		altered QP clasts (233'-237')	053672	>5	0.12
		238 1/2'-241' - A block of previously			
		brecciated QP is strongly hydrothermal			
		by cementing thin vein and			
		veinlets of pyrite rich - black			
		matrix material. Thin fractures within			
		this same block are filled			
		with pyrite (237'-241')	053678	>5	0.08
		<u>241'-243 1/2' :</u>			
		<u>Strongly Clay Altered</u>			
		<u>and Crushed Hydrothermal Breccia</u>			
		245' : Good pyrite in black matrix			
		breccia near white Qtz.			
		vein at 50' C.A. (241'-247')	053679	<5	0.09
		<u>245'-281'</u>			
		Essentially a gray matrix			
		<u>Hydrothermal Breccia</u> - variably crushed			
		and clay altered - with short intervals			
		of sandstone like material. Interesting			
		in that this section of gray matrix			
		Hydrothermal Breccia has within it clasts			
		of the dark matrix H.B.			

FROM	TO	DESCRIPTION	SAMPLE NUMBER	ASSAY	
				Au	Ag
		Noted above. Previously precipitate		PPb	PPm
		QP clasts still have a reaction			
		thin and blue-gray center (247-252'	053680	>5	—
		246'- Good pyrite in a fracture			
		QP clast. (252-257'	053681	<5	—
		279'- Cr 1" clast within a			
		gray fine matrix hyd. Precipitate of			
		the pyrite-kennettite section obtained			
		in hole #5.			
		281'-296'- SANDSTONE (fluidized sand breccia)			
		As 103'-215'			
		296'- end of hole.			