DIAMOND DRILL RECORD

PROPERTY CARIBOU CREEK **HOLE NO.** CC-89-02

SHEET NUMBER 01 of 08 SECTION FROM ____ TO ____ STARTED JAN. 18/89

LATITUDE ____ DATUM ____ COMPLETED JAN. 20/89

DEPARTURE ____ BEARING ____ ULTIMATE DEPTH 226'

ELEVATION ____ DIP ____ PROPOSED DEPTH ____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
0 - 8	CASING - OVERBURDEN					
8 - 50'	BLACK SILTSTONE (GRAPHITIC)					
	WITH INTERCALATED BLACK PORPHYRY					
	- dark black, fine grained					
	- strongly sheared fractured and faulted, virtually all gouge and broken rock fragments to 50'.					
	- locally quite graphitic					
	@ 3-50' Virtually all gouge and broken rock fragments					
	@ 12-17' 20% recovery					
	@ 17-22' 40% recovery					
	@ 27-32' 60% recovery					
	@ 12' Minor Porphyry					
	@ 22' " "					
50 - 66	BLACK PORPHYRY					
	- fine grained black matrix					
	- 10-50% porphyritic feldspar crystals and a few quartz eyes, some of the					

DRILLED BY ____ SIGNED ____

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PROPERTY _____ **HOLE NO.** CC-89-02

SHEET NUMBER 02 of 08 | SECTION FROM _____ TO _____ | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
	feldspar look to be partially replaced by quartz - minor rust on fractures					
66 – 84	BLACK SILTSTONE (GRAPHITIC) - as previously described @ 71 – 72 = strong gouge, broken core @ 72 – 73 = YELLOW GOUGE @ 76 – 76.5 = strong gouge @ 77 = a 1 cm wide quartz vein at 30° to CA* vein is barren @ 78 – 83 there is a 1' footage block error.					
* 1' longer than shown on block 78-83 not 82						
84 – 93	GREY PORPHYRY - green grey-brown colour (matrix) - contains about 30-40% quartz and feldspar crystals (porphyritic) - rusty fractures - semi gneissic layering at upper contact at ≈ 40° to CA					

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PROPERTY _____ **HOLE NO.** CC-89-02

SHEET NUMBER 03 of 08 | SECTION FROM _____ TO _____ | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
	@ 86' 5" broken rock + gouge					
	@ 88' 8" " " "					
93 - 102	BLACK SILTSTONE					
	- as previously described					
	@ 93.5 - 96 broken + fractured					
	with some gouge					
	@ 100' 1cm wide barren qtz vein @ 10° CA					
102 - 141	CATACLASTIC INTRUSIVE / PORPHYRY					
	- weakly oxidized in upper portions					
	- fine to coarse grained					
	- quite a bit of variation but					
	the most common shows 20-40%					
	porphyritic quartz + feldspar crystals					
	@ 102 - 106 fine grained					
	@ 106 - 108 coarse porphyry					
	@ 108 - 109 fine grained					
	@ 109 - 112 coarse porphyry					
	@ 106 - 3" gouge					
	@ 112 - 117 fine grained					
	@ 117 - 124 coarse porphyry					

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SHEET NUMBER 04 of 08 | SECTION FROM _____ TO _____ | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES Au oz/ton	Ag	
	@ 124.5 - 125.5 = gouge							
	@ 124 - 132 fine grained							
	@ 132 - 138 coarse grained							
	@ 137 - 139 gouge + rubble							
	@ 139 - 141 gouge	79010	139	142	3	0.145		
141 - 142	BLACK SILTSTONE							
	- as previously described							
142 - 148	BRECCIA ZONE							
	Like hole #1 the zone is composed							
	of 2 distinct lithologies.							
	Black Siltstone from 142 - 148							
	Cataclastic Intrusive from 148 - 164							
	Good strong veining for first 6" with							
	veins up to 1cm wide @ 50° to CA							
VG	@ 144.5 there is a 1.5 cm wide	79011	142	145	3	3.250 ← 4 splits	1.47 ← 1 split	
HIGH GRADE	vein at 40° to CA that contains 8							
	distinct clots of VISIBLE GOLD ea.							
	2 mm under a hand lens. The large							
	clot is 2 mm x 1 mm, the piece							

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SHEET NUMBER 05 of 08 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
	core assayed by itself would be					Au		Ag	
	probably 60 oz/ton								
VG	This interval contains a lot of	79012	[illegible]	148	3	2.678 ←	4 splits	1.28 ←	1 split
	coarse visible gold. It is [illegible]								
HIGH	flooded with quartz veining all sizes								
GRADE	angle is CA (5°), The vein is about								
	2-3 cm wide with siltstone fragments								
	with clots (5mm up to 5mm) of gold								
	found at about 4" intervals throughout								
	the section. There is 4" of gouge								
	and rubble at the end at the								
	contact with the cataclastic intrusive								
	SILTSTONE ENDS								
148 - 164	FEEDER PIPE ??								
	Below this the unit is 40-90%								
	quartz and it is quite fractured								
	with lots of broken core & rubble								
	& gouge. The quartz veining like	79013	148	151	3	0.043			
	that seen in the siltstone has	79014	151	154	3	0.025			
	dropped off and so has the VG	79015	154	157	3	0.005			

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PROPERTY _____ **HOLE NO.** CC-89-02

SHEET NUMBER 06 of 08 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
	@ 157 - 158.5 lots of strong gouge	79014	157	160	3	0.003			
	@ 158.5 - 159.5 semi competent qtz	79015	160	164	4	0.002			
	@ 159.5 - 164 basically all rock								
	quartz chips								
	At 164' had to change								
	drill bit which resulted in								
	1' of back cave. The cave								
	material is the black siltstone								
	which fell down the hole when								
	trying to get back down hole								
	with the new bit. From block								
	to block the footages are 162 - 166								
	but 1 of those feet drilled wasn't								
	actually going deeper so the								
	actual depth at 166' should be 165								
	When the early block error is								
	accounted for the actual depth								
	down hole is 166'. So now								
	the footage blocks are correct again								

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PROPERTY _____ **HOLE NO.** CC-89-02

SHEET NUMBER 07 of 08 | SECTION FROM _____ TO _____ | STARTED _____

LATITUDE _____ | DATUM _____ | COMPLETED _____

DEPARTURE _____ | BEARING _____ | ULTIMATE DEPTH _____

ELEVATION _____ | DIP _____ | PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
164 - 176	CATACLASTIC INTRUSIVE / ANDESITE??								
	- brecciated with angular fragments of a fine grained green to cream volcanic rock								
	- medium to pale greenish colour								
	- fine grained throughout, looks altered and is either a volcanic rock or a fine grained intrusive rock - origin uncertain								
	- The entire unit is laced with shallow angle quartz veins @ 10° to CA with widths of 1-15 mm. Breccia fragments in the veins. They are milky white colour & non cockarde which is different from the clear veins in the breccia - gold zone								
176 - 187	FAULT ZONE								
	- virtually all gouge and rubble								
	- oxidized yellow brown colour								
	- competent rock is cataclastic qtz. porphyry								

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SHEET NUMBER 08 of 08 SECTION FROM _____ TO _____ STARTED _____

LATITUDE _____ DATUM _____ COMPLETED _____

DEPARTURE _____ BEARING _____ ULTIMATE DEPTH _____

ELEVATION _____ DIP _____ PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
187 - 189	FAULT ZONE / BLACK SILTSTONE								
	- black gouge + rubble with clasts								
	of black siltstone.								
189 - 205.5	TRANSITIONAL CALC-ALKALIC INTRUSIVE								
	- fine grained matrix with 10-20%								
	porphyritic quartz eyes whose abundance								
	decreases with depth.								
	- sericite altered matrix, the sericite								
	increases with depth.								
	- mafics are chloritized								
	@ 204-205 fault gouge, oxid...								
205.5 - 226	SERICITE - CHLORITE ALTERED INTRUSIVE								
	- more mafics than above section - upto								
	20% of clasts								
	- Some porphyritic quartz but not like above								
	- Weak layering @ 30° to CA								
	- @ 220-225 - strong sericite alt'n								
	@ 225-226 - VOLCANIC ??								
	EOH @ 226'								

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