

CORPORATION FALCONBRIDGE COPPER

827587

DRILL HOLE RECORD

METRIC UNITS
IMPERIAL UNITS

HOLE NUMBER 85-2	GRID CANAMERA 1985	FIELD COORDS	LAT.	DEP.	ELEV.	COLLAR BRNG. 186°	COLLAR DIP -56°	HOLE SIZE NQ	FINAL DEPTH 94.82
PROJECT PN 326	CLAIM #	SURVEY COORDS.				DATE STARTED: DATE COMPLETED:	CONTRACTOR: CORE STORAGE: 6722 LAKES RD DUNCAN, B.C. CASING:		

PURPOSE
TO TEST A BROAD ZONE OF HIGH CHARGABILITIES/LOW RESISTIVITY IP ANOMALIES, IN ADDITION ONE HIGH Cu (870ppm) Soil Sample lies within the IP ANOMALY.

ACID TESTS				TROPARI TESTS			MULTISHOT DATA		
DEPTH ()	CORRECTED ANGLE	DEPTH ()	CORRECTED ANGLE	DEPTH ()	AZIMUTH	DIP	DEPTH ()	AZIMUTH	DIP

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 TO 38.11	CASING / OVERBURDEN							
38.11 TO 45.0 m	RHYODAC F. TUFF, MINOR SILICEOUS T, FPP CX T	VL-LT GREENISH GREY	VF-F	W-M FOLIATED, CRUDELY BANDED LOCALLY (DUE TO FOL'N) RHYODAC TUFF; FP PHYRIC CX TUFF & MINOR SILICEOUS TUFF. NOTE TR QTZ EYES LOCALLY	FOL'N 40-45° (30-50)	- VARIABLE VW - W/M SER ² - VW - W (1/20cm) QTZ 1-5mm VEINLETS, LOCALLY @ 44.7-45.0m MASSIVE WH. QTZ	- 2-5% PY, AVE 2-3% DISSEM. FG PY [±] & BLES [±] LOCALLY 5% PY AS DISSEM ^s & STR. ie) 38.6m; 3mm, PY ± SER, c/a 5° 40.6m; 6mm, QTZ-PY, c/a 35° // FOL'N 41.5m; 1mm, PY, c/a 35° & 50° 42.1m; 2mm, QTZ-PY, c/a 45° // FOL'N 44.5m; 2mm, QTZ-PY, c/a 40° // FOL'N 44.7-45.0m; 30cm, QTZ-PY, c/a ? NOTE F-MG EUHEDRAL PY AS MASSIVE STR WITHIN ABOVE MILKLY WH QTZ VEIN	NOTE V. BLOCKY CORE @ 42.4 - 44.7m LITHO: BCD# 6275 38.2 - 40.6m
				38.11 - 39.0m: RHYODAC F T - F CX TUFF. TR <1mm QTZ EYES 2-3% 1mm FP PHENOS WITH POORLY DEFINED OUTLINES				
				39.0 - 40.6m: RHYODAC FP PHYRIC CX T. 5-10%, <1- <2mm PHENOS WITH POORLY DEFINED OUTLINES.				
				40.6 - 44.7m: RHYODAC F. TUFF & INTERLAM(?) SILICEOUS TUFF (5%) BANDS(?)				

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
45.0 To	AND CROWDED	M-DK	F-M/	VW FOLIATED, MASSIVE	FOL'N	- W CHL ² TH-O	TR - NVS	LITHO: BCD # 6651
57.65 m	FP CX T.	GREEN [±]	C	AND CROWDED FP PHYRIC	30°?	- S-M SEL EP ² OF 60%		45.0-48.0 m
	(POSS DIOR.)	PURPLISH		CX TUFF.		FP PHENOS, TH-O		
		GREEN		FP PHENOS 40-60% (AVE 50%)		- W CALC ± HEM VEINETS		
				<1-2mm (AVE >1-2mm)		1-2mm		
						- VW-W QTZ ± EP IRREG		
						ANGULAR VEIN-LIKE VEINS & PATCHES		
57.65 To	DAC-RHYODAC	LT	VF	W-M FOLIATED, REL Homog	FOL'N	- VARIABLE TR - m/s	1-3% FG PY AS	
56.35	M F. TUFF,	GREEN-	MX	MASSIVE LOOKING DAC-RHYODAC	55°	SER ² ie) 51.65-52.3m: VW	DISSEM ^s , BLEBS [±]	
	MINOR	GREY		F. TUFF, MINOR QP	(45-70°)	52.3-54.0m: M-S	STR ie) 51.85m: 4mm, PY ± SER, %A 65°	
	SILICEOUS		F CX	SILICEOUS TUFF	LAYERING	54.0-55.35m: YW-M	53.40m: <1mm, PY, %A 60°	
	TUFF & QP CX			51.65-55.35: DAC-RHYODAC	? 60°	55.35-56.35: TR-VW	54.0m: 3cm, PY-QTZ-CHL, %A 55°	
	T.			F. TUFF	PROB FOL'N	- W QTZ 1-5mm VEINS	55.6m: 3mm, PY-QTZ, %A 40-50°	
				55.65-56.35: RHYODAC		- VW SEL EP ² OF FP AT 55.65-56.35		LITHO: BCD # 6652
				SILICEOUS QTZ ^{+FP} PHYRIC				52.0-55.0
56.35	MINOR			(3%, <1-1mm QTZ EYES,		(<1-2%, <) FP		NOTE HEM AS BLEBS
56.35	MINOR			SL PURPLE COLOR) CX TUFF IN		PHENOS)		AND DUSTINGS(?) WITHIN
				APH-VF SILICEOUS MX				QTZ PHENOS

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
62.49								
56.35 TO	MISSING CORE							
62.49 m								
62.49 TO	RHYODAC	LT GREY	APH-	W LOC m FOLIATED,	FOL'N	- TR-VW SER ²	1-3% FG PY (AVE 2%)	LITHO: BCD # 6654
68.0 m	F Q ± FP	GREEN	VF	REL HOMOG. LOOKING RHYODAC	30°	- POSS SILICIFIED IN	AS FG DISSEM & LOCAL	62.5 - 64.2
	PHYRIC TUFF,		MX	QTZ (1-3%, <1mm) ± FP (<1-3%,	(15-45°)	MOTTLED SECTION	PY ± QTZ ± SER STR ie)	
	MINOR F. TUFF			<1-1mm) PHYRIC CX TUFF,		- W QTZ 1-5mm VEINS	62.6 m: 3mm, PY-SER, c/a 50°	
	& SILICEOUS T.		F CX	MINOR RHYODAC F. T. &			65.8 m: 3mm, QTZ-PY, c/a 45°	
				SILICEOUS MOTTLED TUFF			67.95 m: 1-2mm, PY-QTZ, c/a 60°	
				62.49 - 64.20 m: RHYODAC Q ± FP				
				CX T.				
				64.20 - 66.14 m: RHYODAC F.				
				TUFF.				
				66.14 - 68.0 m: RHYODAC		SILICIFIED(?)		
				SILICEOUS MOTTLED TUFF, 1-2%				
				QTZ EYES				
68.0 TO	FAULT /	VLG			SHEAR			
68.73 m	SHEAR	GREEN -	VF	S - INTENSELY SHEARED	20-35°	- W-S SER ²	- 1-2% PY AS DISS &	
		GREY		SECTION / FAULT. IN		- W QTZ VEINS 1-3mm.	STRINGERS, ie) 68.25 m; 2mm	
				RHYODAC T / SILICEOUS			PY, c/a 45°	

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
80.18 to	DIORITE,	DULL M-	F-GM	VW FOLIATED, VARIABLY M-L S	SHEAR	- W CHL ²	TR PY, LOC ^{CALC-} PY-CPY	LITHO: BCD # 6654
85.32 m	FP ∅	DK		SHEARED FP ∅ DIORITE.	15°	- VARIABLE M-S CALC	STR.	82.3-85.3
		GREEN	F-C	FP PAENOS <1-3mm BIMODAL,		VEINS / FLOODS	ie) 84.72m; 5mm, CALC-PY-CPY, 9/10 75°	
			CX	10%.		W		
				80.18-81.98m: FP ∅		- W-M CALC <1 mm VEINS		
				DIORITE.				
				81.98-85.32m: M-S		- S CALC FLOOD /		
				SHEARED DIORITE, LOC		VEINS		
				PSEUDO BX TEX.				
85.32 to	MISSING	CORE						
94.82 m								

LITHOGEOCHEMISTRY

MAJOR OXIDES

TRACE ELEMENTS

SAMPLE NUMBER	FROM (m)	TO (m)	MAJOR OXIDES										TRACE ELEMENTS					Rock Type	Alt	Min	Grid							
			SiO ₂	Al ₂ O ₃	CaO	MgO	Na ₂ O	K ₂ O	FeO	MnO	TiO ₂	P ₂ O ₅	ppm Cu	ppm Zn	ppm Pb	ppm Ag	ppb Au											
6275	38.2	40.6																										
Rhyodac t./siliceous t.			vw - w/m ser 2-3% py																									
6651	45.0	48.0																										
and cx t.			w chl-, s-m ep tr py																									
6652	52.0	55.0																										
dac-rhyodac t./silic. t.			w-s ser 1-3% py																									
6653	62.5	64.2																										
Rhyodac QFP cx t.			silicified(?) 1-3% py																									
6654	82.3	85.3																										

Hole No. 85-2

Entered by

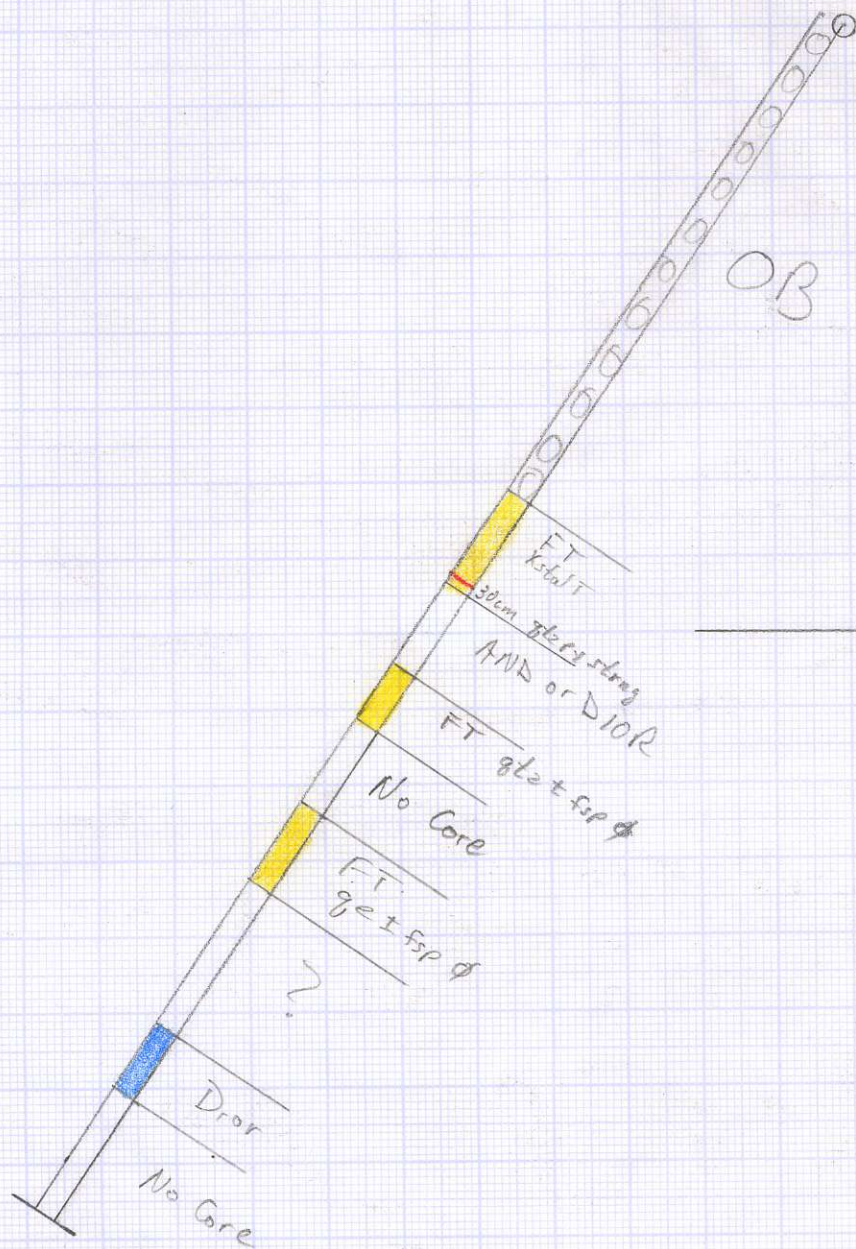
Re Logged by M.J. GRAY

Page No. 106/1

Location?

85-2 -56°

85-2-08
25 509
57 35



Camamara
Section 400W
Looking West
1:500

Canamera 85-2 Summary Log.

Location (Mt Sicker Grid Coordinates) 22+10W, 3+40S

Az 186
Dip -56
TD 94.8

Purpose: Test a zone of high chargeability/low resistivity and a high (878ppm) Cu. in soil anomaly.

0.0 - 38.1 OB

38.1 - 45.0 <FP FeI TUFF> <W Ser> <2-3% py>

+44.7-45.0 <Qtz Vn> <Py stringer>

45.0 - 51.65 <AND TUFF> <W chl> <tr py>

51.65 - 56.35 <FeI TUFF, Q(F)P> <W-m ser> <1-3% py>

56.35 - 62.5 <Missing Core>

62.5 - 68.7 <FeI TUFF, QFP, FLT> <VW Ser> <2% py>

68.7 - 80.2 No information - possible page missing or no core?

80.2 - 85.3 <DIOR>

85.3 - 94.8 <Missing Core>