









# DIAMOND DRILL RECORD

PROPERTY \_\_\_\_\_

HOLE No. 85-4

DIP TEST		
Footage	Angle	
	Reading	Corrected

Hole No. \_\_\_\_\_ Sheet No. 5 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
60.8	77.1		<p>Feldspar porphyritic, silicified <sup>basalt</sup> non. (to v. wkly.) sch'ose., M. (grn.-) <sup>sub-translucent to wkly. translucent</sup> gy. w/ intrus. w/ opaq. pastel yel. spots. hard but scratches w/ difficulty suggests wk. Seri. (+ chl.?) altm. Relatively uniform texture.</p> <p>Fsp. phenos.: aprx. 5-10%, poorly distinct, translucent to foggy M. gy. st. to v. st. microbd., loc. with good cleavage faces; very hard, gen. 1x2 to 4x5 mm; gen. blocky-appearing, with poorly distinct boundaries; hardness because of silicification.</p> <p>Grains.: v. poorly distinct due to altm.; could be (metaviric or) Fsp., Maf? MicroPlc., metabitic; wkly. Seri. - chl. - Ep. - (leucoxene?-), v. st. Qtz. - altm.</p> <p>At 60.8 - 62.1 m &amp; 62.6 - 63.5 m, aprx. 3-5% dils., irreg. drab, opaq. yel., Ep? - altm. spots w/ irreg. boundaries, com. 1 mm to 5 mm dia., but few patches 2 to 10 cm wide. Some sm. Pz of these altm. spots could be altm. Fsp. phenos.</p> <p>At 61.5 - 61.55 m &amp; 62.0 - 62.6 m, two intrus. of M. to dk. to v. dk. grn. - gy., wk. to mod. sch'ose., mod. to st. Seri. - chl. - (Ep. - (leucoxene?-)) altm., v. F. xln.?, Fsp.?- maf.?- basalt:?: gradational contacts w/ adjoining Fsp. Plc., silicified <sup>basalt</sup> Altm. &amp; darkening of colour &amp; intensity of schly. increase towards centre of intrus.</p> <p>Schly. at 80° to C.A.. Intrus. could be flow?? selvages?.</p>	4-60.8	60.8	61.8	1.0					

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 HOLE No. 85-4

DIP TEST		
Angle		
Footage	Reading	Corrected

Hole No. \_\_\_\_\_ Sheet No. 6 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
FROM	TO											
60.8	77.1	(cont.)	Py. = at 62.1m, 1cm tk. zone, parallel to schty. w/ 5-7% irreg. patches of v.F. - F. grnd. Py. (in. mod. to st. schose. basalt. At 64.7 - 66.8 m: overall aprx. 0.5-1% v.v.F. to F. grnd. Py. concentrated to 5% as irreg. patches on irreg. hairline to 0.5mm tk. seri. + chl-lined fracs. & irreg. diss. grns in sm. patches of st. seri. + chl. altern. (altrd. Mat.?? grns.?). Vnts: aprx. 1-2% Cal. - to Cal. + Qtz. - filled fracs. hairline to 1mm tk. rem. discontinuous, at various angles to C.A., loc. criss- crossing.									
			Downhole from 64.1m, textures & colour relatively uniform, except for 50 cm. intrvl. (67.1m) w/ few %, spots of complete? Ep. altern. (concentrated up to 5-7% in zones to 5-8 cm wide). At 69.4 m (aprx.) to 72.5 m, % of Fsp. phenos decreases downhole, from aprx. 5-8% to 2-3%; at 72.5 to 77.1 m (bottom of unit), aprx. 1-2%, Fsp. phenos. apparent, but grndms. appears similar to that uphole (above 72.5 m) except w/ consp. 2-3% diss. irreg. patches, com. 0.5 to 2mm dia (loc. to 7x8mm) of v.dr. qz-arm, v. st. seri. + chl + albite? or Qtz. (+ leucroxene?) altern. that could be altr'd mafic? or Fsp.? phenos. or altern. spots.	4-64.7	64.7	65.7	1.0	9	2	58	0.1	1
			Py. (cont.): at aprx. 66.8 - 77.1 m, aprx. v. minor to minor. irreg. distributed, v.v.F. to v.F. grnd. patchy Frac.-Py. & diss. Py. Rare to minor %, Hemtic. Fracs. throught unit. Basal contact gradational (discontinuously) over aprx. 30 cm:	4-75.7	75.7	76.7	1.0	4	2	21	0.1	1

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DIP TEST		
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Hole No. \_\_\_\_\_ Sheet No. 7 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH		RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm
FROM	TO											
50.8	72.1	(cont.)	Basal contact of unit taken as base of uniform textures & colour which occurs at 30 cm intrvl. of mod-schose. v-dk-gy.-grn., completely Serit.-chl. (leucocrene?) altrd. basalt w/ 5% irreg. patches of st. silicified basalt? consisting of Esp. Pic. & microPic., metabitic basalt? which is sub-translucent M. gy. w/ lt. v. drab olv-grn.-yel. completely Ep-altrd. Esp. phenos.; patches 2x4mm to ≥ 2x5cm, elongate parallel to Schty.. Also in intrvl., 5 x ≥ 4.5 cm patch of v.v. st. drab olv-grn. Ep. altrn w/ gradational borders. Silicified? patches w/ gradational (over 0.5-1mm) to sharp boundaries.									
77.1	82.7		Basaltic flow? v.wkly. to wkly. schose. M.-dk. (to v-dk) grn-gy., completely Serit.-chl.-quartz? → Ep.-(leucocrene?-Hemst.-)altrd. (of var. %). Textures v. poorly distinct due to altrn., but appears to be predom. v.F. to F. xln.? w/ apx. 5-10% metabitic? grndms. between Esp. xls. gen. soft but one 8 cm intrvl. w/ 5% irreg. patches of silicification, where sub-translucent M. gy. & hard & resembling next uphole unit of silicified basalt. 11 main irreg. patches of v. st. drab olv-grn. Ep. altrn.; patches gen. 2 to 10 cm wide; with gradational borders up to 1-2 cm wide where Ep.-altrn. decreases outwards & com. w/ 3-7% v.F. diss. patches of Hemst.. Several patches have 'halo', 2-11 cm wide w/ few to 10% diss. Ep. altrn.? patches 1x1 to 4x5 mm.	4-80.0	80.0	81.0	1.0	51	2	98	0.3	1
			Hemstic. Fracs.: apx 0.5-1%, irreg. Fracs lined w/ M. brick-rd.					1896		ppm	Mn	

## DIAMOND DRILL RECORD

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DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. \_\_\_\_\_ Sheet No. 8 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
77.1	82.7	(cont.) Hemt. + Cal. - filled Frers. & vnlt. 0.1-1 mm tk; Frers. & vnlt. com irreg., discontinuous, com. at 60-70° to c.A. At 77.6 m, 10 cm x > 4.5 cm wide patch of Esp. Plc., metabitic? silicified? <sup>basalt:</sup> wky translucent M. gy., hard, w/ 10% , ragged, completely Ep.-altd. Esp.? phenos. 0.5 to 4 mm dia. - Patch w/ sharp boundary; ← Boundary of patch marked, in part by 3 patches of complete? Ep. altn., up to 1.5 x 7 cm; Ep. altn. w/ sharp but irreg. contact w/ frag.? but diffuse boundaries w/ enclosing basalt. At 81.8 m & 82.1 m, 2, aprx. 5cm wide intrus. of wk. (to st.) withing., in part (up to 1cm wide) w/ withrd. Hemtic. Frers. Basal contact of unit appears sharp (in broken core); marked by start of patches of M. gy., hard, quartz? altn.									
82.7	99.3	Partly silicified? (feldspar microporphyratic) metabitic? basaltic flow?: v. wk. Schty.; M.-dk to dk. gy.-grn., completely Seri.-chl.- Ep.- altd., wk. (to mod.) magtic. Bslt. w/ aprx. 10% patches (decreasing in % downhole) of v. st. silicification? (Qtz.-altn.), and 5-7% patches of Ep. (& Qtz.) altn. Bslt. appears ultrafine grnd. Seri.-chl. w/ aprx 5-7% v. F., irreg. diss. patches of opaq. v. pale yel. Ep.-altn., a few % of which may have been Esp. microphenos. Silicification? patches: aprx. 10% ; irreg. distributed, highly var.	4-89.0	89.0	90.0	1.0	5	2	116	0.1	1









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Hole No. \_\_\_\_\_ Sheet No. 12 Lat. \_\_\_\_\_ Total Depth \_\_\_\_\_  
 Section \_\_\_\_\_ Dep. \_\_\_\_\_ Logged By \_\_\_\_\_  
 Date Begun \_\_\_\_\_ Bearing \_\_\_\_\_ Claim \_\_\_\_\_  
 Date Finished \_\_\_\_\_ Elev. Collar \_\_\_\_\_ Core Size \_\_\_\_\_  
 Date Logged \_\_\_\_\_

DEPTH FROM	TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppm
101.5	101.7	(cont-)	Ep.-altrd bed overlain? by 2cm tk intrvl of Bstlr. ash tuff? grading upwards? into chry.? ash tuff? overlain? by, faulted, 3mm tk. lam. of v. st. Ep.-altrd ash tuff? - whole bdd. intrvl at least 4.5 cm tk. Base of unit sharp? = at 70° to C.A. (opposite sense of apparent dip as upr. contact of unit); marked by sheared Schty.? and broken Ep. altn. patches.									
101.7	104.3		Basaltic flow? = non? schose., dk. (brwn-) grn.-gy., completely Seri.- Ep.- chl.- (Cal.- <sup>leucoxene?</sup> Hemi.-) altrd., mod. magtic. (to non-magtic. at basal 50 cm), v.v.F. xtn.? or metavolc. Bstl. - v. wk. to mod. Cal.-altn.: appears to increase w/ increase of Hemi.? altn. (up to 0.5%) Uprmost 40cm of unit w/ aprx. 50% irreg. zones of patches of dk. gy. mod. to st. silicification. Vnits. of filled Frers. = aprx. 2-3%, Cal.-to Cal.+ Qtz. (to Qtz.+ Cal.) filled Vnits. of Frer.-fillings = hairline & discontinuous to 1cm tk. & irreg. patchy to lensey, in complex, criss-crossing array. Basal contact may be gradational over aprx. 10cm, but in intrvl. w/ 3-5% Qtz. + Cal.-filled Vnits. & some shearing.									
104.3	124.1	(E.O.H.)	Feldspar? porphyritic basalt flow? = non? schose., dk. (red-brwn.-) grn.-gy., completely Seri.- Ep.- chl.- (Cal.- Hemi.- leucoxene?) altrd., non magtic., v.v.F.? xtn. grading downhole (at aprx. 107.5m) into v.F. to F. xtn. Bstl. w/ Esp. phenos.	4-114.0	114.0	115.0	1.0	96	2	73	0.2	1



# Canamera 85-4 Summary Log

Location (Mt Sicker Coordinates) 22+69W 7+87S

Az 007°  
Dip -50°  
TD 124.05 m

Purpose: Test IP chargeability high and a broad Cu in soil anomaly.

0.0 - 39.5 m

39.5 - 63.3 <AND TUFF> <Patchy<sup>M-S</sup> ep, sil> <1-2% py>

63.3 - 76.6 <F(α)P FeT, FLT> <M sil, vw ser> <tr py>

76.6 - 102.2 <AND T, LT> <vw chl, Patchy ep> <tr py>

+81.8 - 83.2 † <FAULT>

+94.2 - 95.6 † <DIOR>

102.2 - 124.05 <DIOR>



FROM TO M	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
0 TO 37.50	OVERBURDEN							→
39.50 TO 47.20	AND T.-XL T.	MED. GREEN - GREY	F-VF MX F-M XL	WV- WEAKLY FOLIATED, LOCAL CRUDE LAYERING OTHER- WISE MASSIVE. CRUDE LAYERING AS BANDS OF F. ASH IN XL T. (UP TO 20 CM THICK) FP PHENOS < 1-2mm (< 1-1mm <sup>ave</sup> ) UP TO 25% FP, AVE 10-15%	FOL <sup>N</sup> 45-60	- LOCAL SECTIONS PERV SILICF (42.3-43.90) WITH ASSOC. W-M BLEACH - PATCHY <sup>M</sup> PIST GREEN EP-QTZ <sup>ALTN</sup> 1-15 cm, ie) 39.50-46.60 m. - <sup>M</sup> SELECTIVE SAUS <sup>Z</sup> OF FP 44.30-46.20 (30% SAUS <sup>Z</sup> )	1-2% F.G. DISS. PY; - NOTE 2-3% PY IN SILIC <sup>F</sup> SECTIONS AND 3% BLEBBY PY IN EP-QTZ PATCHES. NANOSCALE	LITHO: BCD# 6268 39.5-42.5 m
47.20 TO 47.85	SAND SEAM	LT. BR.	F	SAND-SILT SEAM.				





FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
60.94 TO <del>63.30</del> 76.5 m	AND CX T	MED GREY	APH-VF	VW-W FOLIATED, MASSIVE-	FOL'N	<sup>MOST</sup> - Pervasively silicified	TR - <1% PY	MINOR HEM ON LOC FRAC
	- SILICIFIED	- GREEN	MX	CRUDELY LAYERED AND F.T	60-80°	m-s SELECTIVE EP <sup>2</sup> OF	- LOC STR PY-CHL, 5mm, 9/80°	COATINGS
	<del>(PSS INCLUDES)</del>	<del>MED</del>		‡ CX TUFF. SILICIFIED AND		FP PHENOS	@ 61.8 m	
	<del>DAC-RHYOLAC</del>	<del>LT</del>	F.M CX	CX T IS TYPICALLY FP PHYRIC (0-15%)	LAYERING	- W-M CHL LOCALLY - W LOC MOD CALC		LITHO: BCD # 6656
	<del>(CX T)</del>	<del>GREY</del>		<1mm FP WHICH ARE <sup>SEL</sup> EP <sup>2</sup> + CLIN PARCH. ? 75°?		‡ QTZ 1-2mm VEINLETS		61.00-63.00
				MX IS SILICIFIED. NOTE ALSO				
				CONTAINS 5% QTZ EYES(?) <1-4mm				
				(POSS SEL SILICIFICATION)				
				60.94-61.75m: SILICIFIED AND		- PERV SILICIFIED		
				FP CX T.		- M SEL EP <sup>2</sup>		
				61.75-62.2m: AND T. / F CX T.		- W-M CHL		
				62.2-63.3m: SILICIFIED AND		- PERV SILICIFIED		
				FP CX T.		- M-S SEL EP <sup>2</sup>		
63.3 TO	DAC FP φ	M-LT	APH-MX	VW FOLIATED, MASSIVE	FOL'N	- PERV SILICIFIED	TR - <1% PY	POSS A FP PHYRIC
66.8 M	CX T.	GREY		DAC FP PHYRIC CX T	~60°	- LOC W-M SEL EP <sup>2</sup> OF		DYKE?
	- SILICIFIED		F.M	- SILICIFIED. FP <sup>&lt;1mm</sup> CONTENT		5% OF FP		CTC'S BETWEEN <sup>SILICIFIED</sup> UNITS
	(OR DYKE)		CX	10-25% (AVE 20%), ALSO		- W-M QTZ ‡ CALC.		TRANSITIONAL
				5% MAFIC CLOTS OR		IRREG 1-2mm VEINS.		- NEED THIN SECTION
				PUMICE PHEARSE FRAGS(?)				TO DETERMINE CHL FROM
				<1x2mm, TYPICALLY ELONGATE.				SER <sup>2</sup> PUMICE

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
66.8 TO	AND CXT.	M GREY	APH-MX	VW FOLIATED, MASSIVE AND	FOL'N	- PERV SILICIFIED	TR - <1% PY	LITHO: BCD # 6269
71.5 m	- SILICIFIED	- GREEN		FP CX TUFF - SILICIFIED.	?	- m SEL EP <sup>2</sup> TH-0		66.0 - 69.0 m SEE ATTACHED
	OR		F-M CX	FP CONTENT 10-15%, <1mm.		- W QTZ & CALC <1-2mm		
	RHYODAC			TR-10% <sup>BLUEISH</sup> <del>POORLY</del> QTZ EYES <sup>1-3mm</sup> <del>POORLY</del>		THICK VEINS		
	FRP CXT/ DYKE			POSS A RHYODAC-DAC CXT OR DYKE <del>WITH</del> SOME SILICIFICATION.				
71.5 TO	DAC FP <sup>2</sup> Q	LT-M	APH-VF	VW FOLIATED, MASSIVE	FOL'N	- PERV SILICIFIED	TR - <1% PY	NOTE, PIECE TAKE FOR
76.6 m	PHYRIC CX- LITHIC T.	GREY	MX	DAC - RHYODAC FRP CX-LITHIC TUFF.	~70°	- m SER <sup>2</sup> OR CHL OF FRAGS.		(TS) TO IDENTI
			F-CX	FP CONTENT 5-10%, <1mm	Bot ETC	- w-LOC m QTZ & CALC		LITHO: BCD # 6655
			L-FRAGS(?)	POORLY DEFINED, QTZ EYES	?30°	1-2mm IRREG VEINS		73.0-76.0m
				TR - LOCALLY, <1mm. FRAGS(?)		- TR EP, PATCHY		
				ARE DK GREEN PHEANITE(?)				POSS ABOVE UNIT IS
				SER <sup>2</sup> / OR CHL <sup>2</sup> . POSS MAFIC				RELATED
				FRAGS(?), HAVE DISTINCT TAILS				
				IN SOME CASES. SIZE 2mm				
				- 15mm x 3mm, MAINLY				
				APPEAR ELONGATE.				

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
76.6 To	AND T /	M-DK	VF: MX	VW-W FOLIATED, REL MASSIVE	FOL'N	- VW-W CHL	NVS-TR PY	NOTE HEM ON SOME
81.8 M	FCX T.	GREEN &		AND F.T. / F CX TUFF,	65°	- W-M <sup>(10-15%)</sup> PATCHY EP <sup>+QTZ</sup> AS		FRACTURE COATINGS.
	(POSS MINOR DIOR DYKES)	PIST GREEN	VF-F CX	E PROBABLE SMALL DIORITE DYKES CROSSCUTTING.		5-15cm ROUND BALLS - <sup>NVS</sup> HEM-RICH RIMS.		NOTE ONE FRAG(?) @
	MINOR LAPILLI T.			FP <sup>PHENO.</sup> CONTENT CONSPICUOUSLY HIGH (30%) #1 & <1mm TYPICALLY (EVID FOR DIOR:).		- W-M CALC ± HEM 1mm VEINS		77.8m IS 10x5cm EP-QTZ PATCH E CONSPICUOUS 2-3cm SEL(?)
				76.6-77.3 m: AND T E		- VW-W CHL		EP <sup>2</sup> OF FP, POSS FP & FRAG
<del>81.8 To</del>				10-15% MONOLITHIC LAPILLI-SIZE				
<del>83.2 M</del>				2-50mm FRAGS, ELONGATE // FOL'N, POSS DAC-RHYODAC FRAGS FROM ABOVE UNIT.				
				77.3-81.8 m: AND T / F CX LOCAL FRAGS.		- W-M PATCHY EP - VW-W CHL		
81.8 To	FAULT	DK	VF	W-M FOLIATED / SHEARED,	TOP CTC	- W-M CHL, S CHL-CLAY	NVS	HEM TH-O ON FRAC
83.2 M	ZONE	GREEN		REL MASSIVE DIOR OR AND F. TUFF.	45° BOT CTC	IN GOUGE SECTIONS - W-S CALC ± HEM		COATINGS.
					70°	IRREG 1-2mm VEINS		
					INTERNAL GOUGE 50°			

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
83.2 TO	AND CX T,	M-DK	VF-MX	VW-W FOLIATED, MASSIVE	BOT CTC	- VW-W CHL	NVS-LOC <1%	NO CPY NOTED
94.2 M	MINOR	GREEN/		AND CX T E PATCHY	80°	- SEMI-PERVASIVE SILIC <sup>FN</sup>		
	LAP T.	GREY	F-MCX	EP-QTZ ALT <sup>N</sup> , MINOR	SHARP	RELATED TO EP ALT <sup>N</sup>		
	LAYERS	MOTTLED		AND T E LAP FRAGS	FOL'N	- MOD (20°) PATCHY EP+QTZ±PY		
				86.3-86.5m, 90.1-90.3m.	70°	ALT <sup>N</sup> 2cm-10cm BALLS		
					(60-80°)	E PROXIMAL PATCHY-PERV		
				EP PATCHES DO NOT APPEAR TO		SIL <sup>F</sup> BORDERS		
				BE AFTER FRAGMENTS.				
94.2 TO	DIORITE	DK GREEN	VFG	TR FOLIATION, MASSIVE;	BOT CTC	- VW CHL	NVS	
95.6 M	DYKE	- BROWN		VFG DIORITE DYKE.	60-70°	- LOC IRREG EP-QTZ		
				HEM-RICH AS FG DISSEM.	MINOR GOUGE	VEINS		
				5-15%, NOTE LEUCOXENE		- W-M CALC ± HEM		
				15% NEAR LOWER CTC.		<1-3mm VEINS		
95.6 TO	AND T/	DK GREEN	VF MX	W FOLIATED, MASSIVE-LOC	BOT CTC	- VARIABLE NIL-M CHL	NVS-TR PY	BATHO: BCD # 6270
102.19 M	CX T.	SL GREY,		CRUDELY LAYERED AND T/	60-70°	- LOC PERV SILIC <sup>FO</sup> SECTIONS		95.5-98.5m
	E MINOR	ALSO	F CX	CX TUFF E SECTIONS	REE SHARP	ALSO ASSOC E EP ALT <sup>N</sup>		
	RHYODAC	M-LT		OF PERV SILIC <sup>F</sup> PX(?)		- VW-W (<5%) LOC EP BALL		
	FY DYKES	GREY		PHYRIC CX TUFF.		TYPE ALT <sup>N</sup> <1cm-5cm		

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
				95.6-96.62m: AND T/XL T, MINOR DIOR DYKES		- W CHL - W SEL EP - MINOR SIL <sup>FED</sup> PATCHES		
				96.62-96.92m: SIL <sup>FED</sup> AND CX T. E DISS HEM CLOTS. NOTE FRAGS AT BASE OF INTERNAL. (SIM TO )		- PERV SIL <sup>FN</sup> , THOUGH PATCHY NEAR BASE		
				96.92-97.4m: AND T. MINOR FRAGS (?) OF ABOVE SECTION.		- SIL <sup>FED</sup> FRAGS (?) - W CHL		
				97.4-98.2m: SIL <sup>FED</sup> <sup>PHYRIC</sup> <del>AND</del> <sup>OR DYKE</sup> <del>OR</del> <sup>LT-M</sup> <del>OR</del> <del>PHYRIC</del> CX T (?); LT-M GREY-SL GREEN. 10% 1-2mm HEM-EP REPLACED PHENOS E CRUDE SQUARE OUTLINES. (SIM TO )	TOP CTC 80° BOT CTC 60-70° IRREG	- PERV SIL <sup>FED</sup> (?) - W-M SEL EP - HEM AL <sup>M</sup>		- PASS DESERVE A (TS) LOOKS CROSS CUTTING
				97.4-102.19m: AND FT/CXT, MINOR DIOR DYKES.	FOL'N 70°	- VW-W CHL - W EP <sup>67</sup> BALL TYPE AL <sup>M</sup> E PROXIMAL PATCHY SIL <sup>FN</sup> - LOC W-M SEL EP OF FP PHENOS		- HEM ON FRACT.

( $<1-20\text{mm}$   
thick)

FROM TO	ROCK TYPE	COLOUR	GRAIN SIZE	TEXTURE AND STRUCTURE	ANGLE TO CORE AXIS	ALTERATION	SULPHIDES	REMARKS
102.19 To	DIORITE	M-DK	F-M-	VW FOLIATED MASSIVE	Fol <sup>N</sup>	-VARIABLE W-S	NVS-TR TH-0, EXCEPT	NOTE: LEUKOXENE CONSPICUOUS
124.05M	( <del>AND</del> RELATED DYKES)	DULL GREEN-GREY	C	DIORITE (GABBRO) AS		CALCITE $\pm$ QTZ VEINS	IN CHILLED MARGIN	TH-0 THIS DIORITE UP TO 8%
		± WHITE		<del>W</del> FP $\phi$ , SUBPEGMATITIC DYKES <del>W</del> $\frac{1}{2}$ EQUIGRANULAR-WEAKLY FP $\phi$ DIORITE	TOP CTC 75°	-VW CAL/EP		LITHO: BCD # 6271 114.00-117.00M
				102.19-103.97m: DULL M-DK GREEN-GREY, F. GRAINED CHILLED MARGIN			1-3% PY	
				103.97-107.55: DK-MED DULL GREEN-GREY F-M GRAINED EQUIGRANULAR				
				107.55-108.30: MELANOCRATIC M-C-SUBPEG DYKE, WEAKLY FP $\phi$ . HB UP TO 10x1mm NEEDLES IN COARSE PHASE. 35-45% FP, 45-55% MAFICS				NOTE INTERNAL SLICKENSIDES $\bar{c}$ HEM COATINGS
				108.30-112.26m: M-DK GREEN F-M GRAINED WEAKLY FP $\phi$ DIORITE				5% DISSEM HEM TH-0 LOCAL M-C LEUKOXENE GRAINS
				112.26-112.91m: CALCITE VEIN-BX, MX SUPPORTED $\bar{c}$ DIOR FRAGS				





ASSAY SHEET

Sample Number	From (m)	To (m)	Estimate		Length (m)	% Cu	% Zn	% Pb	gm. T Ag	gm. T Au	% SiO <sub>2</sub>	% TiO <sub>2</sub>	% Na <sub>2</sub> O	% MgO	% Fe	PPM Cu	PPM Zn	PPM Pb	PPM Ag	PPB Au			PPM Mn
			Cu	Zn																			
4-43.6	43.6	44.8			1.2											15	155	2	0.4	1			
4-46.8	46.8	47.2			0.4											67	157	2	0.1	1			
4-60.8	60.8	60.8			1.0																		
4-64.7	64.7	65.7			1.0											9	58	2	0.1	1			
4-75.7	75.7	76.7			1.0											4	21	2	0.1	1			
4-80.0	80.0	81.0			1.0											51	98	2	0.3	1			1896
4-89.0	89.0	90.0			1.0											5	116	2	0.1	1			
4-98.2	98.2	99.2			1.0											63	81	2	0.1	2			
4-101.0	101.0	101.09			0.09											245	127	2	0.1	3			
4-114.0	114.0	115.0			1.0											96	73	2	0.2	1			

HOLE NO. 85-4

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