

Length 206' Contractor DRILCOR
 Bearing 358° Core B0 Stored 5' (removed)
 Dip -60° Casing KAD Date July 16 1981
 Lot Logged by
 Elev. 5502' Location
 O.B. Thickness Nil Started July 12/81 Finished July 13/81
 B.R. Thickness Started 11 am Finished 6:30am

Hole No. 81 CAN 2
 Project J.C. SYNDICATE
 Claim

**J.C. STEPHEN
EXPLORATIONS
LTD.**

DRILLING INTERVAL	% CORE RECOVERED	BOX No.	SCALE 1" =	ALTERATION	FRACTURING	MINERAL	GEOLOGY	Purpose Comment	SURVEY		ANGLE	
									Footage	Bearing	Reading	Corrected
	40%							0-5.5' Casing				
	100%		10			50° 45°		5.5-7.5' F-m gr. lt. brown porph Seagull; Qtz, fsp phenos to 1/4"; minor biotite, some plag alt; Fe stain on fract.				
	95%		20			30°		7.5-8.5' Fe stain mafics decrease, possible fluorite on fract at 30'; slight fsp alt.				
			30			45° 30°		8.5-11.0' Low mafics, Fe stain to 9.5, some plag alteration				
			40			30°		11-19' F-m. gr Seagull, mainly plag, some Qtz pheno. Moderate alteration, Fe stain in swirled pattern enclosing local changes in color ranging buff, green, purplish-mainly buff.				
			50			30°		19-26' As above, becoming richer in mafics. Acquires a ... slightly more greenish tinge.				
			60			30° 45°		26-28' Highly altered crumbly Seagull, green (pyroxene? epidote?) to pink tinge, sub-porphyrific; highly alt plag.				
						45° 30°		28-36.5 Actinolite garnet skarn-garnet varies from green-brown to red; occurs in irregular swirly patches; blebs of calcite and Qtz common; epidotized on fractures; some Fe stain. Occasional calcite veinlets. At 36' an orange-brown stain or alteration extends 3-4" along core before contact with granite.				
						30° 45°		36.5-37' Small skarn bands (1/2") banded in a f gr greenish quartz rich highly alt. granitic rock.				
						30° 45°		37-40.5' Grey-green f gr intrusive with pheno Qtz, plag, minor biotite; occasional fract filling of fluorite, epidote.				
						30° 45°		40.5-42' Very fine gr green/grey rock contains plag pheno; calcite rich pheno to 1". Possible tuff?				
						30° 45°		42-45.9' Grey f-m gr porph Seagull; Qtz, plag pheno, minor biotite; slight alt. of plag.				
	95%					30° 45°		45.9-46.3' F gr tuff phase plag pheno, some calcite veining -carbonate rich (calcite blebs)				
						30° 45°		46.3-46.6' Grey f-m gr Qtz-plag porphyry, slight rust stain.				
						30° 45°		46.6-48.5' F gr green tuff phase, calcite blebs, possible plag pheno; pyrite, pyrrhotite.				
						30° 45°		48.5-61' Grey to grey/green to buff. Qtz feld. porphyry; f-m gr; slight rust stain. Fluorite at upper contact.				

SURVEY:		ANGLE	
Footage	Bearing	Reading	Converted

Purpose
Comment

GEOLOGY

MINERAL

FRACTURING

ALTERATION

SCALE

1" =

BOX No.

% CORE
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DILLING
INTERVAL

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Elev

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Page 3 of

144.5-145' very fract, altered, small qtz crystals of
fract surface.

155' Highly altered, crumbly 2"

174-175 Highly alt plag, rust stained, very fract

180-206 Fresh

192-194.5' Fract surface 30° to 90° fine qtz crystals

END OF HOLE 206'

