Company Mining Division Geogra Coordi	on	Omi	.nec	a		Pro Sta Com	perty l rted l pleted	Lennac La March 27, March 31 C.J.Hodg	Inclination	
Footage	Core	%	<u> </u>				···		<u>LL 74-2</u> Remarks	
Ţ.	Rec	Rec				T				
									0-26 Casing	
									26-298 Dull grey andesite, variable textu	re from
									fine grained equigranular to porphyritic	
									the most part fragmental (flow breccia -	no
									foreign fragments).	
					!			トリ.	- Well fractured, with quartz veins (+ p	y, ep.
								<u> </u>	trace mag, trace cpy) and pyrite veinlet	
									Pyrite and epidote also occurs in dissem	
									grains and clots.	
									- Quartz veins 1%, 1 mm - 2 cm.average 1	-3 mm.
									Commonly drusy, Commonly low angles to C.	
									Py 3-5%, Py/cpy ≥ 5/1, epidote 2%	
	<u> </u>									
						<u> </u>			Rock is reasonably competent to 150'	
									28' looks like K-feldspar associated	with
									py-ep vein	
									32.5' traces moly in 1/2" quartz vein	
									The state of the s	
									38.5-39' chloritized plagioclase porp	hvrv
									fragments (dyke?) at 75° to CA	<u> </u>
									Tragments (dyke:) at 15 to GA	
·									43-48 Blocky. Calcite veins on fractu	res.
									Diocky. Galette veins on Hactu	
							_			

Footage Core											Kemarks
Rec	Rec	<u>: </u>	ļ								
				1_							
		<u> </u>									59.5' Quartz vein with K-feldspar
											66.5' Quartz vein with cpy, trace moly, 3 mm.
·											K-feldspar selvage
				1		1		1			73.5-97' Light to dark green fragmental structure
	1			\vdash	1	1	+	\vdash		-	13.3 77 Eight to dark green fragmental structure
	1			1		┪	+	 	 		108-120' Shear zone, blocky
	 	 		┼─	┪				+		100-120. Shear zone, blocky
	 	 	 	+	+	+-		 			100 110. 0 51
	-	 		┼	+	+-	-			+	108-112' 2.5' ground (1.5' recovered)
	-			1		┼—	 	<u> </u>	 		
	-			-	 	 					112-118' 5.5' ground (0.5' recovered)
	ļ			<u> </u>	ļ	<u> </u>	<u> </u>				
				<u> </u>		<u> </u>				_	150-209' Major shear zone at 20°(?) to CA
				<u> </u>							Core very blocky throughout. Gouge inter-
	<u> </u>				T -						mittently 172-198'. Core recovery between
							1				160-168 (5'); 168-172 (2'); 172-174 (1');
							1		1	 	17/ 179 (6!) 179 195 5 (7.5!) 195 5
					 	1	-				174-178 (6'); 178-185.5 (7.5'); 185.5-
					 	├	-				190 (4.5'); 190-194 (1'); 194-198 (4');
					 	 	┼			 	198-200 (1')
						├	 			 	
					 		 		-		198-202' BFP dyke
											298-323 BFP, grey chloritized, 1/2% disseminated epidote
							<u> </u>				
											Upper contact at 30° to CA
									1		1-2% quartz veins
									1	10	2% sulphides, pyrite >> chalcopyrite
							1		 	 	Numerous andesite inclusions towards base.
							 		-		
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	FOOTAGE	COL	* 198 7 443	f kel a	Tilbrain to				y	1100			and the property of the property of the company of
2		Rec	Rec			et et de la		(sales de la company)		AND THE PARTY		market de caracter	Kemarks
1	ž <u> </u>		1	-								 	
		-	1									 	200 070
						_						 	323-370 Andesite, with BFP dykes
							\neg					 	
													Blocky and chloritized, with minor shears at
						-						<u> </u>	324.5', 328-330', 342.5'.
-													
-								_	_				BFP dykes at 325.5 (6"); 332-333 (lower contact
•			-										45° to CA); 342.5-347; 351.5-353; 355.5-359.
-													1% quartz veins with epidote, pyrite, minor
													magnetite. Pyrite 1-3%
-													magnetite. Fyfite 1-3%
_									\neg				25/1 21
						_			-				354' 2" quartz-K-feldspar-epidote-pyrite vein
						-			-				80° to CA
							-		-				
													368-370' Gouge zone at lower contact
						-		_					
						_							370-384 BFP, dark grey, weakly chloritized
													grey; weakly childricized
													1% quartz veins
												U	1/2 1%
										$ \vdash$			1/2 - 1% sulphides, pyrite >> chalcopyrite
					$\neg \vdash$	_		\dashv					
									-	-			374' 3/8" quartz vein 20° to CA, with selvage
_						- -				_			of moly, minor chalcopyrite
-						-		_ _	\bot				
•													384-408 Andesite
												,]	39 culphides (/ 5/1)
						-						\	$\frac{3\%}{3\%}$ sulphides (py/cpy = 5/1), 1% quartz vein, 1/2%
									7			-	epidote, 396-401'— Cpy, py in 1/2" quartz vein at 0° to CA. 403'— 1/2" quartz vein with moly.
									+-				0 to CA. 403'- 1/2" quartz vein with molv.
									\dashv				The purpose are the control of the c
													408-415.5 BFP, fresh
													1% sulphides (pyrite >> chalcopyrite)
_						4_						NI	IDDAY contact 25° to CA
-												C	S S S S S S S S S S S S S S S S S S S
-													
							1		\top	_			0
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	-	•	-										N. C.

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Footage	C0~6	7										Remarks
Footage	Rec	Pac							$\neg \Gamma$			
	REC	Rec					 -					415.5-521 Andesite breccia. med-dark grey mottled.
												1 2% quartz veins with nyr, chy, epidote, some
		· .									<u> </u>	1 - (20' /83' /89') Many of
										- /	1	the larger quartz veins (> 1/4") are 0-20° to CA
										-		Sulphides approx. 3% (py/cpy approx. 3/1)
									_			440' - 1/4" cpy seam 10 to CA.
									_			440' - 1/4 cpy seam to to cm.
												521-534 - BFP
												Pale green clay-sericite alteration of feldspar
							_					Rere quartz veins
												528' 1/2" vuggy quartz vein with moly.
									-			Manager and the second of the
												534-606 - Andesite tuff breccia, greywacke, dull grey
								_			-	
												green 1-2% quartz veins, 2-3% sulphides, pyrite >> cpy
									_		├	1-2% quartz verits, 2-3% surpitates, py-
		ļ							_			538-547' Fine grained, volcanic greywacke,
												locally banded at 80° to CA
												locally banded at 80 to CA
												(1)
	 											547-590' Andesite breccia (flow breccia?) same a
	-				1							415.5-521
					-							
												590-606' Andesitic tuff-breccia with greywacke
			ļ									matrix. Some banding at 75° to CA
			ļ								 	1/2% disseminated epidote throughout.
				ļ					-		 	Chloritized throughout. Black chlorite
				<u> </u>					_			especially apparent adjacent to hairli
									L_			quartz seams.
								1				
												606 END OF HOLE
										•		
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Mi Di	ning visi	onohic_	Omi	neca		ted	Pro Sta Com	perty rted plete	#5 Lenn Marc Apr Oy C.J	ac La h 31, il 2,	ke 1974 1974	Inclinati Depth	303 Lon46°	Coordinates 112+00N 74+64E Altitude Lake	
Co	ordi	nates.					wg	geu i	<u> </u>	• Houg	5011		LL 74		
Foo	tage	Core					·····		F	Fr 5.			. Re	marks	
		Rec	Kec		-		-		% Cu	% Mo	Cari				
0	60										Casi	.ng			
60	70										60-82	BFP			<u> </u>
. · · · · ·		ļ				<u> </u>					- F	airly fres	h - plagioc.	lase is translucent	to pare
70_	82	ļ	<u> </u>		_					 				very fine grained t	_0
		<u> </u>								-	ar	hanitic ma	c chout $3-4$	%, up to l" wide, so	
82	98	-	 			-	\vdash		- 	1	-(uartz vein	work with n	merous attitudes	Jiiic
	110						 			+	<u> </u>	Sulphides a	upprox 3%	py/cpy approx. 1/1.	Minor
98_	110									 \	m	constite (<	1%) associ	ated with sulphides	in
110	120	-				+-	+-+		-	 	+	arrower qua			
110	1,20										Sı	ilphides in	quartz vei	ns (75%) and dissem	inated
120	1 30									-		25%.			
120											-1	Rare K-feld	lspar veins	(e.g. 74')	
130	140														
											6)-90' Qui	te blocky w	ith several clay god', 7 9- 80', 84 - 90'.	uge
140	150											zor	nes at 73 - 77	<u>', 79-80', 84-90'.</u>	There-
														at least 345', ver	у
150	160					_	<u> </u>		_	ļ		con	mpetent.		
		<u> </u>									l		3. 3		(DMP)
160	170	ļ						-	 		82-9	g Grey, i	inaltered po	st-mineral porphyry	(/ / / / /
		ļ					-				<u>C</u>	ontacts at	approx. 45°	to GA	
170	180	 	 -		_	 `	-			 	V	ery minor I uartz veins	oy. cpy. (1/	4% total) in rare 1	IIIII •
100	190	 						_		 	1 4	dares verm			
-100	130	 				+				1	1				
		1				1				1					
															ال معادر ب
				des 4	8-10-2			W. No.		g gr					and the second s
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	فللشخص		1 ~	1									Kemarks
	Footag	BCore	Do-		· · ·						Ι	T	
		Kec	Rec								 		98-116 BFP, as 60-82
			 	 	 						 		Quartz veins up to 5-7%; pyrite z cpy. About
_			ļ		 						 	171	' 0.5% Cu ?
_					<u> </u>					-	ļ	16	100.5- 102.5' Andesite inclusion
_					ļ	ļ				ļ		-}	100.J= 102.J Andesite inclusion
_					ļ						ļ		116-133.5 Andesite: Contacts at 45-60° to CA
			<u> </u>		<u> </u>						<u> </u>		
			<u> </u>								ļ <u>.</u>		Vein quartz up to approx. 10%
			<u> </u>						į				Sulfides 3% (py ~ cpy). Cpy locally in coarse
										<u> </u>			splashes (e.g. 132')
-													K-feldspar locally in quartz veins
													Magnetite 1/2% 1 mm, veins
***************************************			 	 -	 					 			133.5-226.5 BFP
-					+								-Quartz veins approx. 10%, mainly subparallel at
-			}		 		 				1		approx. 60° to CA. Py/cpy approx. 1/1, total 3%,
-					 						 -	-	at least half the sulphides are on hairline
-			 	<u> </u>							┧		fractures at 60-70° to CA, which appear to cut
				<u> </u>						<u> </u>			quartz veins or move out from them, Minor mag.
			 	<u> </u>	-	<u> </u>					- 	117	(1/4%), trace moly. Veins are \(\frac{1}{4}\) wide, 20/ft,
_			ļ	<u> </u>	 					ļ	 	1	rarely 2-3" wide with green sericitized plagiocla
<u> </u>				 	<u> </u>	ļ					<u> </u>	_	rarely 2-3 wide with green selfctized plagfocia
			ļ	ļ	ļ	ļ				ļ	ļ		-Alteration generally is minor-weak local bleachin
			<u> </u>			ļ					ļ		of plagioclase and weak K-feldspar adjacent to
				İ		<u> </u>							quartz veins
											l		
													142' 1/2" bleached (kaolinized)vein with
			1										sulphides, sooty secondary biotite
													(Minor moly in quartz veins at 159,162,17)
			1	 	1								
١.			 	1	1	 							172-175' Green sericite alteration on either side
			 	-	-	 				+	+		of qtzankerite vein at 174'
-			-	 	 	 					1		
-			 	-	-	 							177 Trace purple fluorite on joint
i -			 		 	-				-			Opaque white clay alteration gradually
-			 	 		 				-			increases in intensity below 150'
-				 	-	 						_	Increases in intensity below 150
													700 705
													183-185 Quartz vein at 10° to CA, approx. 4" wide.
1,1												1	·
. 48	1	1	1	1			A South and the second	N- dFlor	Name of the last				

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				Ma						1.50	The second of the contraction of
La surant de la constante de l	Rec	Rec			<u> </u>		1				New Links
	i – –						 	 	 <u> </u>		102 1011 Water 1
										 	182-191' Moderately sericitized
		,									187-191' Andesite inclusion, Fine grained
											secondary biotite, 10% quartz veins
											secondary brotite, 10% quartz veins
					(226-227.5 Biotitized breccia with BFP andesite
											fragments. Felted biotite, py, cpy disseminated
										177	in matrix Intracive breezing marrial to 1
										160	in matrix. Intrusive breccia, marginal to late-
										 	stage porphyry dyke
									 		227 5 /5(D
									 	-	227.5-456 Post-mineral porphyry (PMP)
									 	-	207 5 00/1 7
									 		227.5-234' Intense green sericite alteration of
									 		plagioclase
						-			 		
									 		234-235' BFP inclusion with quartz veins
									 		P MP is typically unaltered, darker grey
									 		that BFP with 25% plagioclase phenocryst
									 		to 1 cm, 3% biotite phenocrysts to 1 cm.
											in 65% dull grey aphanitic matrix.
											Alteration is minor white kaolinization
											of plagioclase adjacent to fractures, an
											green sericitized zones adjacent to
										1	shear zones.Minor quartz-K-feldspar vein
											are present.
										 	are present.
						$\neg \uparrow$	_		 	 	Poro inclusione of DED
			$\neg +$			\dashv	-		 	 	Rare inclusions of BFP andesite
			_			\dashv			 		<pre>1/2% sulphides, py '= cpy. Disseminated</pre>
									 ····		and on fractures
							-		 		335' 2" quartz vein with K-feldspar, minor
									 		moly
							-		 		moly She
								_	 		370.5-372.5' Weak shear zone - kaolinized
				_		_					v
											· O
											c E
RATIO A TO	1	·					- 1	I	 	1, , , , !	

	Ree	Rec	e depart	The Control of the	The send of	a thair in the	2 20 30					
糖				+	┼─	┼─	┼	 	 			Remarks
₹ ″ \					1	 	 	-	├			
												375' 6" BFP inclusion
$-\!\!\!\!\!-\!$												
											ļ	395' 8" Andesite inclusion
					\neg		\dashv					indesite inclusion
					-							388-407 Calcite filled 6
												388-407' Calcite filled fractures about 1 per
			\rightarrow			-						1000
		_	-									408-456' Variably sericities
		_				_						
					-							
					\bot							455-456.
_					\bot							456 477
												456-477 Andesite
						T	_	+				Upper contact is shear zone
					T			-				
							_	-				458-461.5' -
						$\neg \vdash$						Skarn-type mineral:
					_	+	+-					Skarn-type mineralization with abundant ep, mag, py, cpy, tapering off at depth towards 461.5. Sulphides are particularly about the same parti
				_								Sulphides are services of at depth towards 461.5
				_	+-							Sulphides are particularly abundant between 458.5-
			_		-	+-		- -				-459.5' (10% cpy,) 15% py).
		_			+-							Section is your blue
			+									Section is very blocky. Gouge at 472.5-473.5'.
		+	+									Good quartz vein stockwork, 5-8% quartz; sulphides
		+	+		-	-					T	approx. 2% outside skarn section (py/cpy approx. 2-3/1.
		+	-		-					1		Section is
 		┼	+		<u> </u>							Section is quite bleached
1		+	 	-				7				/77 506
 		├	 					1	1			477-506 PMP, as above. Minor BFP inclusions.
		 						T	\neg			Minor quartz veins. \(\frac{1}{2\%} \) sulphides (py \(\frac{1}{2\%} \) cpy), in quartz veins, hairline seams, disseminated
								1	-	-4-	\	quartz veins1/2% sulphides (py ~ cpy), in quartz veins, hairline seams, disseminated
								 	+			, -I-octainated
									+			476.5-482' Gouge
									-			
				 	\rightarrow				 			482-488' Moderately somicity
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COST	den					~ · .!.						<u>π</u>
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	Jan Barra	*			200	C.						

Footage	Core	72	Sept. 19	हार देश			marea interession	ar con-late state.	and in the section			Remarks
	Rec	Rec									T	
	<u> </u>										,	506-509 BFP
										7	1).	5% quartz veins, 2% sulphides (py ~ cpy)
·				•						٠		Jis quartz verns, 2% surphrides (py - cpy)
												509-519.5 PMP, as above
												BFP inclusions at 515.5', 517.5'
											1	Bri inclusions at 313.5, 317.5
											1	510 5 522 Andreite: 1 11 1 50
											 	519.5-523 Andesite porphyritic, blocky, 5% quartz vei
											 	502 52/ 222
					-						-	523-534 BFP
											<u> </u>	5% quartz veins to 1/2", mainly 70-80° to CA
											ļ	commonly with K-feldspar selvages
										-	1/1	524-524.5 Sericitized shear zone
												1-2% sulphides py > cpy
-							_	.				
									l			534-585.5 Andesite dark grey
												534-542' Veryfine grained (greywacke?)
												grained (greywacker)
												5/2-585 5' More namel 6:
												542-585.5' More normal fine grained subporphyriti
												andesite
						_						Quartz veins 2-3%; sulphides, 3% (py/cpy
												approx. 5/1) Epidote up to 5% Immediately distribute
					_							Epidote up to 5%. If regularly distribut
												in patches, quartz veins, and with
											···	pyrite along seams.
								-				
i. - - 							_		_			571-571.5' PMP dyke 25° to CA, 1-2% disseminated
								_				epidote
				_ _					_			
		_										585.5-608.5 BFP, moderate clay-sericite alteration
	_								T			throughout. Upper contact 30° to CA. Quartz
											0 (Veins 2-3% K-foldspar solvesses company
									1		$\leftarrow \forall$	Sulphides 1-2%, py ~ cpy, trace moly. 597-598' Sericitized skarn.
											<u> </u>	carpillacs 12%, py - cpy, trace mory.
							\dashv	$\neg \neg$	_			507 5001 C
			_	\dashv		+-						
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W	Foo	tage	Core	7.	4.00	Same land	$\mathbb{A}_q \cdot \varphi^{\perp} \in \mathbb{X}_{\ell}$	ar (ver)	es gaza	ritino ele	and the	egi Maya	e describ		Remarks
			Rec	Rec											
_			•												
_							1		1	<u> </u>		<u> </u>	_ _		608.5-613 Andesite, dark grey, quartz veins 2%, minor
						 	 	ļ	<u> </u>	ļ		<u> </u>	4	-	608.5-613 Andesite, dark grey, quartz veins 2%, minor K-feldspar selvages, sulphides approx. 3%, py/cpy approx. 2-3/1.
_							 		<u> </u>				<u> </u>	/ .	cpy approx. 2-3/1.
								—	<u> </u>						
						<u> </u>			-		 	<u> </u>	_		<u> </u>
							-				ļ				613 END OF HOLE
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					36	•	28	- 1.5%				4			
A to		6.4													

ining ivisio eograp	on	Omir	neca	ì	mit	ed	St	art mpl	ed <u>.</u> etec	April 1 Apr	2, 19	974 1974_	_collar,	-48° at 59	Sheet 1 of 4 No. Coordinates 7' 108+00N, 73+93E Altitude Lake elevation
tage	Core	%												Remai	rks
												0-46	CASING		
<u> </u>												/.6 50/·	DED		
 			-							 		40-304	DFI		
 				 	-							46	-100' Alterat	ion: K-felo	lspar veins 5-6/ft, 1 mm.
				 	 								Local	sericitize	ed plagioclase at 65',
													79'.	90', 92',	6' adjacent to quartz-
1													calci	lte, pyrite	veins, 20° to CA.
													0uart	z veins ra	re $(<1\%)$, $<1/ft$ average.
													Sulph	<u>nides appro</u>	x. 1%, cpy-py, mainly
					ļ					ļ					Rare hairline magnetite
ļ	ļ			<u> </u>	ļ								seams	s, some wit	n cpy.
 									-			<u> </u>			as above with some
 									ļ	 		-10	0-200 Pretty	y much the	t silicified zones, and
 	<u> </u>				-					 			rauno	er prominen	ericite alteration.
+	<u> </u>			-			l	 				 	T race	es dissemina	eted epidote. less
				<u> </u>	 	 	 								
 										†			110-	115 ' - 4 ' r	ecovered in 2' quartz-
													calc	ite-pyrite	shear vein 112-114',
1				1									at 3	0° to CA, w	ith peripheral sericitize
1													BFP.	Sericite	alteration continues to
													125'		
			L	<u> </u>			ļ	ļ	<u> </u>	1					d pyrite veins at 123.
							<u> </u>						125 '	<u> </u>	
	1	1	1												· · · · · · · · · · · · · · · · · · ·
	ining ivisio eograp oordir	ining ivision eographic ordinates. otage Core	ining ivision <u>Omiı</u> eographic———	ining ivision Omineca eographic oordinates otage Core %	ining ivision Omineca eographic ordinates otage Core %	ining ivision Omineca eographic ordinates otage Core %	ining ivision Omineca eographic oordinates otage Core %	otage Core %	otage Core % Start	otage Core %	ivision Omineca Started April Completed April Completed April Logged by C.	ivision Omineca Started April 2, 19 eographic Completed April 4, Logged by C.J.Hodge otage Core % Rec Rec	Started April 2, 1974 Completed April 4, 1974 Logged by C.J.Hodgson Otage Core Rec	Started April 2, 1974 Collar, Completed April 4, 1974 Logged by C.J.Hodgson Depth 597	PropertyLennac Lake Started April 2, 1974 Completed April 4, 1974 Logged by C.J.Hodgson PropertyLennac Lake Started April 2, 1974 Completed April 4, 1974 Logged by C.J.Hodgson Pepth 597' Remai R

· 48)

	143-145 Quartz-pyrite shear veins 05 to CA,
	BFP is sericitized l' either side
	222 20 SCITCIMEN 1 EIGHEI SINE
	164-174 Targe querta vein en ciliaiti.
	164-174 Large quartz vein or silicified zone
	with sericitized BFP inclusions with
	secondary biotite. Minor pyrite in
	this zone.
+	Moderate-intense sericitization extends
+	down to about 203'
	
	179-180' Bleached feldspars adjacent to pyrite-
	quartz-calcite veins @ 20° to CA
	queres sarotte verillo e zo co on
	200 2001 0 100 000
	200-300' Same as 100-200
	Sulphides uniform, at approx. 1/2%
	(cpy > py) dissem and fractures
· †	Minor quartz veins, quartz & K-feldspar
. +	veins, K-feldspar veins (total <1%),
	averaging may be 1/ft (1/4-1/2" wide)
	220.5' 3" PMP dyke - 70° to CA
	TECOLO S IIII UNE - /U LU UM
	221.5' Sericitized quartz-pyrite-hematite
	shear vein l'at 20°, Same at 213'
	263' 6" PMP dyke
	264' 6" sericitized pyritic shear zone
	
	300-400 Continuing very weak K-feldspar and
	vely weak k-leidspar and
	quartz veining, ≤ 1/2% sulphides. Several shear zones with peripheral
	Several shear zones with peripheral
	sericitized BFP
	Scrience Dir
	O:

	Rec	Rec				Г		Remarks
						+		319.5-320' Sericitized shear
								339-341' Sericitized shear gouge
								348-348.5' Sericitized shear gouge
						1		270 2721 0 1 1
				1		 		37/1: 31 Containing the angle
						+		374' 3" Sericitized shear gouge 374' 3" Sericitized shear gouge 389' 2" pyrite shear zone at 40° to CA
				-				389' 2" pyrite shear zone at 40° to CA
								The section 372-404 is throughout quite blocky, with
								numerous shears in addition to the larger ones mention
								Green sericite alteration throughout.
					_			
								400-504' Continuing fresh looking BFP with
								minor quartz and quartz-K-feldspar
								veins 1/4" (up to 3/ft, but total <1%)
								Sulphides 1/2 - 1%, cpy ≥ py
								458-466.5' Sericitized zone
								493-504' Increasing sericite alteration towards
•								contact, with minor pyritic fractures
								at 502.5'
				1				dc 302.5
				1				504-505 Dark grey, fine grained, andesite
				++				
				++		 		5/5 50/ M. 11
				- -		 		505-584 Medium to dark grey chloritized BFP or PMP (?)
				+		 -		Tone is non-uniform, with alternating medium and
				+		-		dark grey sections. Unit is not as convincingly
								PMP as in LL-14-3. This is more of a tonal than
								a textural difference. Quartz veins plus quartz -
								K-feldspar veins are just as numerous than above
		_						if not more so (1-4/ft, 1-2%). Sulphides appear
								to be about equally abundant to above unit at
								approx. 1/2% (cpy ≥ py).
				1				Carbonate veins are common at 10-60° to CA
				1				Carbonate verns are common at 10-60, to CA
				 				!
			_	-				O P.
				<u> </u>				-1
		•	•					

_			Rec	Rec	<u>:</u>	7	T	T-	\overline{T}	1	T	T .		Remarks
							\top	\top	1	 	 			
								1			\top	1		571-572' Shear zone, bleached and sericitized.
								1	1		 	 		505 552 P:
							 	 	+-		+	+		505-552 Biotite phenocrysts are not present.
_					-	+	+	_			-			Apparently completely gone to chlorite
			 	 		+	┤				-			
			ļ —			 	ļ							552-577 Much less altered, almost same as above
														504'. Biotite phenocrysts unchloritized
														504'. Biotite phenocrysts unchloritized
									1	+	†	 		F77 F0/ T
					i	 	 		+	+	┼──			577-584 Intensely chloritized, with 30% green
						 	 -	 	+		 	 		sericitized plagioclases in a black chloritic
		·	 		 			 	┼		<u> </u>			matrix
-						ļ							1	
													, ,	584-589 Blocky, highly chloritized fine grained
													104	andosite with great
									t				+	andesite with quartz veins, 2% py, minor cpy.
_									 	 	 	 		
										 		 		589-597 Breccia, with BFP, andesite fragments. Some
_									<u> </u>	<u> </u>				interstitial carbonate, minor disseminated
														sulphides (< 1/2%, cpy = py), along with traces
		<u> </u>												disseminated epidote.
														arodiminated epidote.
													 	
														Can not tell whether intrusive or diatreme breccia.
_														May herald approach of PMP as in I.I74-3 last
	_													g" appears to be non brecciated BFP
														597 END OF HOLE
							.	1						
													1	
								\neg					 	C) Adam 1 by
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2.5														

Footage	Core	%									Remarks
	Rec										
	ļ										0-40 CASING
	ļ										vo cor a madain broosis chlorite-carbonate
										_	40-295 Grey andesite breccia, chlorite-carbonate
	ļ										alteration. Calcite mainly on stringers.
											Quartz veins approx. 1-2%, about 3/ft.
	<u> </u>									1011	Sulphides approx. 3%, Py/cpy = 3-5/1, 1/2% epidot
										160	mainly on fractures with pyrite. Rare moly in
	1										quartz veins at 99',146',156', generally in quart
											veins wider than 1/4", commonly with drusy quartz
											Rare magnetite veinlets.
											40-43' Sheared, with calcite and chlorite
											171-203' Very blocky about 29' of core recovered
									1		219-230' Splash of cpy with py, magnetite
											0' 228' 6" cave
											233' 6" chloritized shear
	1										282.5-285.5' chloritized shear zone
											288' 4" chloritized shear
	 										291.5' 4" chloritized shear
	 			<u> </u>				_		-	
	 		l	 	1		_				The section 280-295' is heavily chloritized and
	-				 . 				- 	+	sheared throughout
	 			-	\vdash		_			_	Shealed throughout
	 		<u> </u>		 	\dashv			 		295-306 BFP dyke
	 	 			1 1						Upper contact 25° to CA, lower about 30° to CA
	 	 			 	\dashv					Weakly chloritized, quartz veins approx. 1%.
	 	 		 	1						Sulphides approx. 1-2% pv > cpv.

7	LOOLERGE			I	,					·		Remarks
1		Rec	Rec	-							 	
1	-	 	 	 							 	
3	`	-	-	 							 	306-365 Andesite breccia
-											 	Same as 40-295'
•											ļ	
-				ļ							<u> </u>	
!												
į											l	cpy approx. 3/1
1												1/2% disseminated epidote
;												318-326' Blocky, chlorite slips, esp. 6" at 322'
****												365-494.5 Fine-grained foliated quartz diorite, unli
-										1		any phases seen in other holes.
-								-		 		
4											-	3% subparallel biotite phenocrysts to 5 mm. 70-90
A									_		 	to CA.
1										-		10-25% plagioclase phenocrysts to 8 mm.
1												
!												Texturally this unit is very in-homogeneous.
:												Locally it resembles BFP, but grades from that
ŧ												to a very fine-grained porphyry with no sharp
į												contact between the two. Included fragments of
1						l						pinkish BFP are common. On the other hand, this
												unit is unlike the PMP in that it is quartz-veine
1												and has a low but constant sulphide content.
4							$\neg \uparrow$					and has a low but constant surprise content.
1										1		Unit is fairly fresh, but shows kaolinite alterat
Mark Land												
4										+		of plagioclase where more coarsely porphyritic.
1										-		Quartz veins 1% with sericite selvages, possibly
1								_				some K-feldspar.
1										_		Sulphides < 1/2% py →/cpy
4							_		_			
4												365-369'looks like pretty good BFP
ide.												
1												384' 2" quartz veins and moly 30° to CA
1												395' 2" quartz veins and moly 30° to CA
4												2 quartz verms and mory 50 to on
								$\neg \neg$				
4						_	-					
-	. —								_	-		
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Fo	otage	Core	7		<u></u>				·	-	·		Remarks
7 		Rec	Rec			<u></u>		<u> </u>	<u></u>		<u> </u>		
*		<u></u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	 	<u> </u>	 	1		396.5' - 494.5' Good fine grained phase
1						<u> </u>		<u> </u>		1	ļ		with BFP inclusions
:					L			<u></u>	<u></u>		<u> </u>		457-458' Clay-sericite gouge zone
						<u></u>							482-488' Good PMP. Cuts off quartz veins in adjacer
	<u> </u>							<u> · </u>					fine grained phase
									L				
		<u> </u>						Ľ					
													494.5-536 BFP, grey with pinkish tones
. ————————————————————————————————————		Į i								1	 	1	Very rare quartz veins, traces sulphides except in
							1	1		1	+	 	major shear zone
:		 		 		 	 	 	 	1	 		Traces disseminated epidote
	1		 	 	-	-		 	 	+	 	-	Traces arsseminated epidote
	+	 	 	 	 	-	 			+	1	-	510-5281 shoom sone blocker 11
-	+	I		 	 	-	 		-	 	-	 	510-528' shear zone, blocky, local gouge, green
		 	<u> </u>					 	 	 	 		sericite alteration throughout. Pyritic shear
		<u>'</u>		\vdash		-	-	 	<u> </u>		1	-	vein 0° to CA @ 510-513'. Gouge at 522-524'
	-						<u> </u>			<u></u>			
									l				536-598 Fine-grained quartz diorite with 15-20% BFP
1	<u> · </u>												inclusions: essentially on intrusive breccia.
-													Foliation very variable - mainly at approx. 45° to
													CA. Quartz veins 1%, to 1" wide, some with
1										1	 		K-feldspar rims.
ia —	1									 	 	1	Sulphides <1/2% (py/cpy > 1/1).
						\dashv	\vdash			 	 	 	Traces disseminated epidote
:	+						 				 		Minor calcite veins
	+						 			-	1-		TILLOL CALCIDE VELIA
	 									 			
<u> </u>	+											+	590.5-596' Sericitized shear zone
	+						'				-	-	500 END OF HOLE
	+											-	598 END OF HOLE
							'			<u></u>	ļ		
													C Hodgen P Gry
4													0
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LL-74-1

IICE				Deartin		Sueer of	c5 note No.	
	Property	Lennac La	ake	Inclina	ation -90°	Coordinat	ces	,
	Started	March 25	1974			114+0	ON	
	Complete	dMarch 26,	1974			76+2		
<u>g.</u>	Logged b	yC.J.Hodge	on	Depth	603'		40' above	<u> </u>
							lake	
			7		g	Remarks		
T		T				icinal K5		
		†			· · · · · · · · · · · · · · · · · · ·	· ·		 ,
		\mathbf{I}	Casing	3				 ,
-		4 .						
			14-206					
 		ļ .	Dull	grey-gre	en, andesite	, fine grained,		
		-	- loca	al plagi	oclase pheno	crysts (2mm. 5-1	.5%)	
		}	<u>- 10ca</u>	illy sub	tle breccia	texture apparent	(flow bre	ccia
1		}	- chlo	ritized	throughout.	Minor epidote i	<u>n dissemin</u>	atei
		+	spot	s and q	uartz veins			
			- quan	tz vein	stockwork t	hroughout. Veins	1 mm. to	4 cr
			WIGE	(av. 5	mm.)., 10-1.	5 per foot, pred	<u>ominantly</u>	
			CDV	ש מחם כו	olu Cocor	e axis. Veins c	ontain py,	
	,		para	illal to	core exists	-magnetite veins	<u>1-2 mm</u>	
			all	other v	eins Vein	re late-stage, c quartz comprises	utting	 -
			of r	ock bety	ween 14 and	182' and 5% of re	ock between	
			182	and 206	.5'. Some ve	eins have drusy	cavities	
			- sulp	<u>hides</u> to	otal about 3%	%, with py/cpy a	pprox. $5/1$	
			occu	r on 1 r	m. fractures	s, in quartz vei	ns and	·
			diss	eminatio	ons			
								-
				<u> </u>				
		\	30-4		r magnetite-	cpy-py veins at	low angles	
		. ()	40'		O°) to CA			Sheet
		. `		trace	e moly in qua	artz vein		_ ป.
-		·	<u> </u>	T. Meak	snearing and	d calcite veins		17
			~					ے کے

, -	ore			**************************************		705.5.A1	eres (m.	₩-diri.	· · · ·	_			Remarks
+	Rec	Kec		_	 	-	+	+	+	ا			
_										_			145.5' Bleached andesite adjacent to quartz
_							<u> </u>		1	_			ankerite vein
									\perp	_			158-168' Magnetite veinlets
<u>_</u>]]		L	L	$oldsymbol{ol}}}}}}}}}}}}}}}}}$	_			173-174' Bleached andesite
		[I	_]			\Box	\perp	1_	_	1	
4			T	T	T			1			_		206.5-219 Biotite-Feldspar Porphyry (BFP)
	[\Box \Box											
1		T	T	T		\Box							- Upper contact at 20° to CA. Rock consists of
1	[T		\Box								35% plagioclase phenocrysts to 1 cm. (av. 5 mm.)
1_	_												5% biotite phenocrysts (5 mm.)
1			[T									1% amphibole phenocrysts (8 mm.)
_	_	\bot	\Box	\Box							_		2% quartz phenocrysts
<u> </u>		\Box	$\bot \Gamma$				_		ſ				57% fine grained groundmass
_						\neg				1		1	- 1. 11. Granned groundings
<u> </u>										1			- Predominant alteration is weak-moderate intensity
						\neg							apple green sericitization of plagioclase, with
				\neg	_					1	\neg		cloudy clay (2) alteration of plagioclase, with
					\neg	_			 		\neg	 	cloudy clay (?) alteration of plagioclase in pato and adjacent to fractures
						\dashv				1			and adjacent to fractures
			\dashv	\dashv	_	\dashv	-			 	-		Voin quarte is 5% of 1 C 1 111
			_	_	$\neg \vdash$	7					\dashv	1	- Vein quartz is 5% of rock, Sulphides total approx
		_	_		_	\dashv	-			├ ``	H	 	3%, Py/cpy = 1-2/1. Rare moly (e.g. 215.5').
		\dashv	-	-		+				-	4		Sulphides occur in quartz veins (25%), on micro
	_		_ _	- -			-				+		fractures (50%) and as disseminations (25%)
		+		-+-		+					+		010 004 5
	_	+			+-		-				+		219-224.5
			- -	- -	- -		-				\dashv		
		-	- -								\perp		- Post-mineral biotite feldspar porphyry. Sharp up
	-		- -			_	_				\perp		contact at 45°. Similar to main porphyry, but pla
			- -	- -	- -	_	_				\perp		ioclase phenocrysts only 15-20%. Matrix 75-80%.
	-	-	- -				\perp				1	$_{\perp}i^{-}$	darker grey, finer grained, much less altered tha
						\perp L $^{-}$		[]		T	7、	206.5 - 219.
	_ _									1	T		
					Ţ	T	\neg				\exists		No quartz veins. Traces disseminated py. cpy.
	- 1	1 -	T		7	\top	\neg				十		quality veries, fraces disseminated by, cby,
			1										

Rec					10, 17, 182.0	· · · · · · · · · · · · · · · · · · ·	Remarks
KOC	KEC	 	- -	+	-		
							224.5 - 242.5 As 206.5-219, but grn. sericite alteration is more intense, with relict patches of white clay alteration of plagioclase -quartz veins 5-7%, many at 0° to CA -minor barren quartz-carbonate (ankerite?) veins occur in this section and at 206.5-219, at 070° to These cut other quartz veins and are up to 1" wide
						CO,	242.5-269.5 Andesite Upper contact @ 45° to CA, lower at 30° to CA Quartz veins very abundant, about 10%. Py/cpy app 1-2/1. Total 3% sulphides. Rare late mag-quartz veins. 247.5'- 4" quartz vein with abundant pyrite
							/ S-336 BFP // teration less than 224.5-242.5. Mainly white clare tion. Py/cpy approx. 1/1-2. Total approx. 3% sulphides Quartz veins mainly 30-60 and 0° to CA, about 5%, mainly < 1/2" (av. 1/4")
							327-336' - Schistose towards contact 330' - 2" quartz vein with abundant py, no cpy. vuggy.

不是一个人,我们就是一个人的人,我们就是一个人的人,我们就是一个人的人的人,我们就是一个人的人的人的人,也不会有什么的人的人,也不是一个人的人的人,也是一个人的人

cotage	Core	7.	1.00					technologie (Missier)	and the state of t			Remarks
	Rec	Rec		T	T	T	T	T	T	Ι.		
				1	1		$\exists \Box$	i		1		
				1		\top	1			1		336-376 Andesite
			-		1	\top			1	_	1)	Upper contact at 45° to CA, lower at 35° to CA, 5%
				1	T				1			quartz veins
				1	\top				1			Sulphides 3-4%, py/cpy approx. 1/1
					1		1	1-	1			tarphitaes o 4%, pyropy approx. 1/1
						1	1	1	1			376-603 BFP
£ .				1	\top	1-	1-	+-	1			
				1	+	1	+	-	 			-Weak to moderate clay-sericite alteration of feldspa
					+-	+-	+-	+-	 			local pinking adjacent to quartz veins @ 386', 397-8
					+-	-	+-		-	<i>*</i>	<i>(</i>)	403' is hematite.
					+	+	+				J ,	10/ 1 1 1 1
				-	+	+	-	+				-1% sulphides, py/cpy approx. 1/1
				 	+-	+-	+	+				
					┼		+	-				-quartz veins 3% to 467, then about 1% between 467'
							-	-				and 603'
	<u> </u>				-	-	 	 				
		<u> </u>			 		 					380-385' Finer grained lenses at 45° to CA
					<u> </u>	-		<u> </u>				(1-4" thick). Inclusions?
					_	 						
-					_	1						395-407' White clay alteration increases towards
					ļ		<u> </u>					fault zone
												407-422' Rock is gouged, sheared, rubbly
	· .											
			I							7	().	422-426' 5% quartz veins, with 2% cpy
												122 420 3/6 qualte verilis, with 2/6 Cpy
												426-429' clay gouge
												420-427 Clay gouge
									-+			/22-575! prodominant alternation
												422-575' predominant alteration is weak-intense
												apple green sericitization of plagioclase
1												//51
-			 -									445' 6" clay gouge ω
		 -						-				445 6 clay gouge
:												450-455' Quartz-carbonte veins to 1" in
	 -											sericitized BFP (healed fault zone?)
												0
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ega3oo:	Core	7.								_			Remarks
	Rec	Rec								7	•		
ν, .]			456.5' Minor moly disseminated in 3" quartz vein
										-			467-603' Quartz veins decrease to approx. 1%,
-			 				-			┨			sulphides 1/2-1% (cpy > py). Green sericite
										-{			
	·		 							-		· · · · · · · · · · · · · · · · · · ·	alteration continues strong to 575',
										-			weakens thereafter
										1		 	476-476.5' sericite-clay gouge
										7			
										1	•		507.5-508' Sericitized shear zones @ approx. 45°
										Ī			513-514' to CA "
					Ī					7			518-519' " "
								-		7			523-527'
										1			528-531' " "
										1			533-534.5' "
											-		
										1			543.5-545' clay and sericite shear
]			
										_			566.5 4" andesite inclusion with 5% quartz veins.
]			most of which terminate at edges of
										<u> </u>			inclusion
										<u> </u>			
										ļ			584-603' Last box of core. Generally fresher-
										<u> </u>			looking, fewer sulphides and quartz veins.
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