## DIAMOND DRILLING



010

Township: Hep

Hepburn

Report No: 10

WORK PERFORMED FOR: Canadian Superior Exploration Ltd.

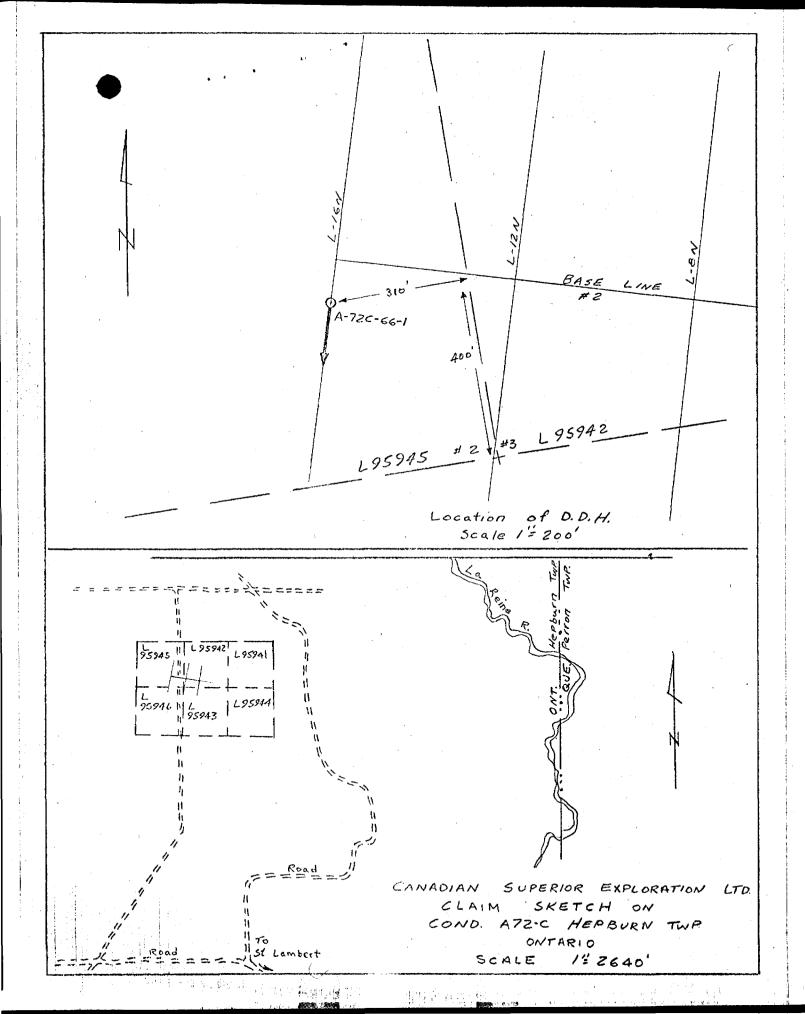
RECORDED HOLDER: SAME AS ABOVE [X]

: OTHER [ ]

CLAIM NO. HOLE NO. FOOTAGE DATE NOTE

1. 95945 A72C-66-1 4941 July-Aug/66 (1)

NOTES: (1) Donated by Kirkland Lake Resident Geologist Office, put on file July 7/87



			CANI	VOIAN CHDEDIOD	EVDIA	DATION	LIBALTS	- 0							
LOCATION: Hepburn Twp., Ontario L16N 100S			CANADIAN SUPERIOR EXPLORATION LIMITED  DIAMOND DRILL RECORD  Note: Grid baseline #2 is nearly E-W,					-0			HOLE	NQ:	<i></i>		
								_			<u> </u>	A72C-	-66-T		
AZIMUTH: S 16°W								_	PROPERTY: Sigma						
				though designated N.											
DIP:	-45	50	LENGTH: 494.0' ELEVATION:						CLAIM Nº: 95945						
											·				
STARTED:	Ju]	ly 28th, 1966	CORE SIZE:	AX	DATE LO	GGED: Ju			SECTION	:					
COMPLETED	300		DIP TESTS:	400' - 33 <sup>0</sup>		Au	igust 2	nd	LOGGED	DV - 4					
COMPLETED	Aug	gust 2nd, 1966	UIF IESIS.	400 - 33	·····				LUGGED	B1: (	E. Mo	oay			
PURPOSE:	<u>то</u>	investigate Mag. & E	M anomals	7							<del></del>				
101110321		investigate ray. a 2	ir anomar,												
FOOTAGE				SAMPLE	FOOTAGE		·	T			T				
from	to	DESC	RIPTION		Nō:	from	to	LENGTH	Au.	Cu.	Zn.			ļ	
		,													
0.0	39.0	Overburden to 33'	- casing	to 39'.							,				
39.0	42.0	Siliceous seds	light gre	y, cut by quar	tz										
		stringers with													
·		stringers - con	ductive l	pedding 15-250	1	39.0	42.0	3.0		.04	nil				
		to core.													
										<u> </u>					
42.0	92.5	Greywacke - with b							-	ļ				<b></b>	
		highly schistos		·····						· · · · · · · · · · · · · · · · · · ·		·		ļ	
		sections 1' to												ļ	
		are conductive										ļ		ļ	
		barren quartz s												ļ	
		56.5' - 0.3' ba												-	
		30° with sli		rtz snowing									<u> </u>		
		movement at	45°.											-	
92.5	173.0	Greywacke - more m	accive 1	Finely hedded	<u> </u>	<u> </u>							<del> </del>	<del> </del>	
92.5	1/3.0	at 30° to core							<del></del>				<del></del>	<del> `</del>	
		stringer and od							<del></del>			<u> </u>		-	
		(not schisted)							<del></del>					<del> </del>	
		(MOC SCHISCECT)	11091191	PJ •									<b> </b>		
173.0	375.3	. Greywacke - biotit	e-rich -	more fracts.										<del>                                     </del>	
		at start with s						-						<b> </b>	
		lost - siliceou							<u></u>		·		<b> </b>	<del>                                     </del>	
		Py173.0-175.0, 17		5, 183.5-185 <sub>-</sub> 0.				1							
		193.0-194.0 - 1													

## CANADIAN SUPERIOR EXPLORATION LIMITED

DIAMOND DRILL RECORD

HOLE Nº: A72C-66-1

PAGE Nº:

FOOTAGE SAMPLE FOOTAGE LENGTH DESCRIPTION Cu. Zn. Nº: from Au. 173.0 375.3 ...continued 205.4-206.4 - quartz vein at 15°. Fair py. both fine & coarse grained. 1.0 nil .01 nil 205.4 206.4 285.0 - bedding at 30° to core, average of section. Sulphide zone - conductive - mainly acid 375.3 444.0 seds. with some more basic sections mineralization mainly py. with much less po., as stringers - rare speck chalcopyrite in fine quartz stringers acid seds. often finely bedded. 375.3-377.8 - siliceous seds. - under 5% py. and po. 385.4-388.1 - purple bands - look like tuffs but have biotite layers - 10% sulphides. 388.1-394.8 - lamprophyre - much biotite and also fine hornblende low py. and po. 399.8 5.0 394.8-399.8 - 15% py. and po. 394.8 .01 nil 399.8-415.7 - 5%-7% py. and po. .05 nil 418.2 415.7 2.5 415.7-418.2 - 35% py. and po. 418.2-427.0 - under 5% py. and po. 431.7 nil 427.0-431.7 - 25% py. and po. 427.0 tr. 431.7-436.3 - mainly basic seds. -1-foot acid with 30% py. and po., rest under 5%. 436.3-442.6 - acid seds., except 0.5' basic dyke - 35% py. and po. 436.3 442.6 6.3 .02 nil Greywacke - light to med. grey - finely 444.0 494.0

bedded - numerous quartz stringers -

odd speck py. - some biotite granite dykes.

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FOOTAGE			SAMPLE FOOT		TAGE	1 1			<del></del>		3	
from to		DESCRIPTION		FOOTAGE from to		LENGTH						
444.0	494.0	continued										
		467.1-469.1 - grey biotite granite -										
		low disseminated py.						<u> </u>				
		481.0-488.0 - as above.										
		488.0-494.0 - some sections with py.										
		(under 5%).										
									<u> </u>			<u> </u>
		Note: Hole was drilled to 498' but 4'										<u> </u>
		core left in hole.										↓
		Dip of formations to south not			<u> </u>						<u> </u>	<u> </u>
		north as surmised.										
		Overburden judged to be 60' verti-										<u> </u>
		cally from geophysics but actually 23.5'	<b>.</b>		<u> </u>							
		Black sludge came up in the last two fee	<u> </u>									<u> </u>
		of casing.										1
									<u> </u>			
												<u> </u>
											<u>'</u>	
					٦							
										<u> </u>	<u> </u>	<u> </u>



ONTARIO

900

separate form is required for each type of work to be

	•	THE MINING ACT	REPORT OF WOR	lK .	recorded.				
To the Recorder of	•••••	LARDER LA	KE.	• • • • • • • • • • • • • • • • • • • •	Mining	Division			
I, Canad	ian Superio	or Explorat:	on Limited			*****			
	e of Recorded Ho 908 - 7 K:	ing St. East	Toronto 1	, Ontar	Miner's Licence io	•••••			
do hereby report the p	erformance of	494	days of	Diamo	nd Drilling				
not before reported to	be applied on the	e following contig	ous claims		,,,,				
Claim No. Da	ys	Claim No.	Days	Claim No.	Days				
L95.941 .9	4	•••••		************	•••••				
L95942 8	0				******				
L95943 10	<u>0.</u>	•••••			•••••				
L95944 6	0				•••••				
L95945 10	0				******				
L95946 6				************	•••••				
All the work was perf	ormed on Mining	Cloim (s)	L95945	11-43-	buin				
(In the case of geolog	ical and/or geop	hysical survey (s)	where more than 1	8 claims are	involved attach a	schedule)			
READ CAREFULLY:	THE FOLLOWIN	G INFORMATION IS	REQUIRED BY TH	E MINING RE	CORDER.				
addresses of the men who performed the work and the dates and hours of their employment. For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate. For Compressed Air or Other Power Driven or Mechanical Equipment  Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.  For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording. With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate. For Geological and Geophysical Survey - The names and addresses of men employed as well as dates. Type of instrument used in the case of geophysical survey. Reports and maps in duplicate must be filed with the Minister within 60 days of recording.  For Land Survey - the name and address of Ontario Land surveyor.  The Required Information is as Follows: (Attach a list if this space is insufficient)  A72C-66-1, Ax, 494.0', -45° L95945 Hepburn Twp.  Core stored at drill site.									
Drilled by C					ded Holder or Agent				
The Mining Act Certificate Verifying Report of Work  I, ORVAL E, LEIGH  Suite 908 - 7 King St. East, Toronto 1, Ontario (Post Office Address)  hereby certify:									

1. That I have a personal and intimate knowledge of the facts set forth in the report of work annexed here-to, having performed the work or witnessed same during and/or after its completion.

2. That the annexed report is true.

Dated January 30th 19 .67.

Terconner ( 1867 )