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## DIAMOND DRILLING

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TOWNSHIP: CHESTER TWP.

**REPORT NO:40** 

WORK PERFORMED FOR: Emerald Isle Resources

RECORDED HOLDER:	Same as Above Other	[ x x ] [ ]		
<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	Date	<u>Note</u>
P 720645	ER-87-1 ER-87-2 ER-87-3 ER-87-4 ER-87-5	175.0 189.0 175.0 176.0 175.0 890.0	Dec/87 Dec/87 Dec/87 Dec/87 Dec/87	(1) (1) (1) (1) (1)

NOTES: (1) #344/87, filed in June/88

DI	AMO	ND DRILL RECORD LOGGED BY D. CONSTABLE	<u>_</u>	ONSTAB	LE CONS	ULTING	INC.			<b>.</b>	
•	r					D.D.H	I. No. El	R-87-1	P#	GE 1/1	
TITUDE		BEARING OF HOLE N-15° E STARTED December 1, 1	987				CLAIM N	рР-	-720645	<u>.</u>	
		DIP OF HOLE COMPLETED December 2			4	<u></u>	DIRECTIO	ON AND	DISTAN	CE FRO	M
EVATIO	)N N	DIP TESTS Nil DEPTH 175.0	• .			· 1	NE. CLA		· ·		
	-	BQ Core	· .			· · · ·	·	· · ·		· · ·	
FO01 FROM	TAGE	DESCRIPTION	SAMPLE No.	FOOT	TO	SAMPLE			ASSAY	·	
0.0	16.4	OVERBURDEN								-	
				•	-	T	1.020	OLOGICAL			
16.4	175.0	Granodiorite					RESEA	RCH OF	FICE		
		Grey to grey-pink, hard, medium-grained and extremely blocky.		•			FEE	9 198	8		
		Rock is interrupted by narrow (1-2 foot) sheared zones of									-
		metasediments or metavolcanics or by more mafic phases of					RE				
1		intrusion.									
		From 63.6 to 64.2 slightly bleached zone with quartz vein in									
		centre (2" wide).									
					1	SSOC	ATION				
					IS		Do				
		From 84.2 to 84.6 pyritic quartz vein	· · ·		100	TID W. CO		V			
-		Even 120.8 to $122.0$ clichtly blocked and the set of $1$			13	ALZ.			· ·		· · · ·
		From 129.8 to 132.0 slightly bleached zone with quartz and ' pyrite lined fractures.	1		$ -\tilde{\mathbf{x}} $	FELL	N/		· · · · · ·	··········	
	-						<b>F</b>		·		
									· ·		
		END OF HOLE ER-87-1 IS AT 175.0'	<u> </u>					<u> </u>	<u> </u>		

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DI	AMO	ND DRILL RECORD _ LOGGED BY D. Con	stable		ONSTAB	LE CON	SULTING	INC.				
•	ſ	CHESTER TOWNSHIP	<u></u>				D.D.H.	No. ER	-87-2	P/	GE 1/2	2
			TARTED Dec. 2, 1987		-			LAIM No	• <u>P-720</u>	645		
PARTUR	RE	DIP OF HOLEC	OMPLETED Dec. 3, 1	987		<	D N	IRECTIC	N AND	DISTAN	CE FRO	M
EVATIO	N	DIP TESTSDIP TESTSDIP DIP TESTSDIP DIP TESTSDIP DIP DIP DIP DIP DIP DIP DIP DIP DIP	EPTH 189.0	- 			NE. CLAIM POST					
FOOT		DESCRIPTION	<u> </u>	SAMPLE	F001		SAMPLE			ASSAY		- <u> </u>
ROM	TO	DESCRIPTION		No.	FROM	TO	LENGTH					
0.0	12.0	OVERBURDEN										<b> </b>
					-	· ·					1	
12.0	189.0	GRANODIORITE	•			-						
		Grey-black, medium-grained, extremely blocky at start	but less blocky			. *						1
	·	after 40'. Average hardness with semi-massive pyrite										
		and quartz veins.										
÷ .												
		From 34.2 to 36.7 quartz veins in a bleached granodior	ite.							1. 1. <b>1</b> .		
		Bleached zone continues to 37.5'.	•									
		Small pyrite-quartz fracture (1" wide) at 48.9'.					3					
						·			1			
		From 52.0 to 53.5 bleached granodiorite zone with pyri	te patches				•					
		and narrow ( $< \frac{1}{4}$ ") quartz veins.										
								•				
		From 73.1 to 73.6 narrow sheared metavolcanics zone at	$73^{\circ}$ to CA							•		
		······································										Γ

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DIAMO	ND DRILL RECORD LOGGED BY Constable		CONSTABL	E CONS	ULTING	INC	<u>_</u>			
PROPERTY	CHESTER TOWNSHIP		·		D.D.H.	No	<mark>-87-2</mark>	P/	AGE <u>2/2</u>	) 
ATITUDE					NJ 1	•	<u>P-72</u>			
DEPARTURE	DIP OF HOLE45 <sup>0</sup> COMPLETED Dec. 3, 1	987		4	D	IRECTIC	N AND	DISTAN	CE FRO	M.
	DIP TESTSDEPTHB9.0			]	N	E. CLA	M POST	-		•
FOOTAGE	BQ Core	SAMPLE	FOOT	GE	SAMPLE			ASSAY		
FROM TO	DESCRIPTION	No.	FROM	TO	LENGTH					
	From 112.6 to 113.4 small_sheared_metavolcanics_zone_with			• •	•·					
	pyritic patches.		·							
							•			
	From 120.6 to 121.6 zone of bleached granodiorite with quartz			-	· · · ·				:	·
	veins and pyrite.									1 - A.
;	From 125.5 to 131.0 slightly bleached zone with a few 1" wide						* *2			
· ·	quartz veins and pyrite.									
	From 146.5 to 149.0 zone of granodiorite with 1" wide white								~~ *	
	quartz veins and massive pyrite fracture fills.				SSOCI	TION				1.1
				JE	[	) 9	1			•
	From 149.5 to 153.0 zone of black metasediment. Unmineralized.			J.	ID W CON	date				
	From 175.5 to 182.0 Diabase Dyke.			13			1			
	•				FELLO		12			·
	END OF HOLE ER-87-2 IS AT 189.0'.							•		
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OPERT	Y	ID DRILL RECORD LOGGED BY D. CONSTABLE	·	Г <b>—</b> ——			No E	R-87-3			′2
TITUDE		BEARING OF HOLE N 15 <sup>0</sup> E STARTED Dec. 3, 198	7			↑ C	LAIM N	P-1	720645		
PARTU	RE	DIP OF HOLECOMPLETED Dec. 4.	1987		V		IRECTI	ON AND	DISTAN	CE FRC	M
EVATIO	DN NO	DIP TESTS Nil DEPTH175.0				N	E. CLA	AIM POST	F	•	
FOOT		BQ_CORE	SAMPLE	FDO	TAGE	SAMPLE			ASSAY		
ROM	TO	DESCRIPTION	· No.	FROM	TO	LENGTH					
<b>0</b> .0	7.0	Overburden									
							3.0	NTARIO GE			
7.0	97.1	Grancdiorite						ASSESS	MENT F	LES ICE	
		Grey, blocky, medium-grained, average hardness with 2-3" wide shear						FEB	9 195	8	
	•	zones and $<$ $\frac{1}{4}$ " wide massive pyrite fractures and as plating on	•								
		fracture faces.						REC	EIV	E D	ľ
ţ											
		Shear Zone 17.1 - 17.3'									ŀ
		•									
		From 53.0 to 55.5 altered (bleached) zone with one foot wide white								1	
		quartz zone.			1	5					$\square$
				·							
97.1	175.0	Diorite		1							1
		Black, more mafic, finer grained and slightly gneissic unit with		<u>.</u>				1	1		Γ
		remnants of intrusive texture.					1	1		1	ţ.
	•	· · · · ·			· ·		<u> </u>		•		<u> </u>
		From 105.3 to 124.0 zone of bleached diorit <sup>e</sup> with blebs and				-	<u> </u>	+		1	<u>†</u>

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DIA	MO	ND DRILL RECORD LOGGED BY D. CONSTABLE	<u></u>	NSTABLE	CONSUL	TING IN	c				
•		CHESTER TOWNSHIP		r		<b>A</b>		37-3		GE	12
TITUDE		BEARING OF HOLE N 15° F STARTED Dec. 3, 198	37				LAIM No	<b>P-7</b>	20645		
		DIP OF HOLE450 COMPLETED Dec. 4,	1987		4	D	IRECTIC	DN AND	DISTAN	CE FRO	M
EVATIO	N	DIP TESTS Nil DEPTH175.0'	. • 		L.	N	E. CLA	IM POST	-	•	
FOOT	AGE	<u>BQ CORE</u> DESCRIPTION	SAMPLE	FOOT		SAMPLE	· · · · · · · · · · · · · · · · · · ·		ASSAY	······································	<u> </u>
ROM	то	DESCRIPTION	No.	FROM	то	LENGTH					
		semi-massive patches of pyrite.			· .						<u> </u>
				•					• •		ļ
		From 124.0 to 128.3 band of gneissic mafic metavolcanics.							<u> </u>		
	•	From 128.3 onwards rock is diorite with a blocky appearance and									
		frequently with no intrusive texture.									
!											
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					SOC	AT					T.
					R.	NO A					-
		END OF HOLE ER-87-3 is at 175.0'		Tě.		STABLE 7					
				TE.		- A	K.				<u> </u>
				N	FELIC	N.		1			
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DIAMON	D DRILL RECORD LOGGED BY D. Constable CHESTER TOWNSHIP		CONSTAB	LE CON	SULTING D.D.H.		-87-4	P/	AGE <u>1/2</u>	
	BEARING OF HOLE <u>S 15<sup>0</sup> W</u> STARTED <u>Dec. 5, 198</u>			V	NJ	•	• • •			
	DIP TESTSN11DEPTH176.0'				NE. CLAIM POST					
FOOTAGE	BQ_CORE	SAMPLE	FOOT	AGE	SAMPLE			ASSAY	· · ·	<u> </u>
FROM TO	DESCRIPTION	No.	FROM	TO	LENGTH			2.00.00		-
0.0 4.8	OVERBURDEN	· .					ASSESS	MENT F	ILES	
							FEB	9 198	β	
4.8 49.7	<u>Mafic Metavolcanic</u>						REC	EIVE	D	<b> </b>
	Black, fine-grained, blocky and unmineralized. Soft rock.					·				
	From 25.9 to 30.5 slightly pinkish, bleached variety, fine-grained.									
!							**			<u> </u>
49.7 176.0	Granodiorite							<u></u>		╄
	Black-grey, medium to fine-grained, slightly blocky and							<u> </u>		<u> </u>
	featureless.		· · ·		<u> </u>			<u> </u>		
										+
	From 69.4 to 70.6 pyrite and quartz_vein.					1			<u> </u>	<u> </u>
	From 97.2 to 99.6 quartz veins and pyrite.		· ·					+		
										<u> </u>
	From 101.0 to 102.4 quartz vein, unmineralized.									
				•	1	1		1.	1	

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RTY		STARTED Dec. 5, 1987 COMPLETED ec. 6, 198		CLAIM No.					<u>R-87-4</u> PAGE <u>2/2</u> P-720645 N AND DISTANCE FROM					
TION	DIP, TESTSN1 I	DEPTH176.0'		L	NE. CLAIM POST									
DOTAGE TO	BQ_CORE DESCRIPTION		SAMPLE No.	FOOTAGE FROM TO		SAMPLE			ASSAY		<u> </u>			
	From 103.0 to <sup>108.6</sup> polymictic agglomerate with	pyrite			· · ·									
	pyrrhotite patches.				· · · · · · · · · · · · · · · · · · ·									
		· · · · · · · · · · · · · · · · · · ·				•				ана на с • стан	•			
	From 123.6 to 130.8 zone of pyrite-quartz-carbon	ate veins and			- •						·			
	tension gashes.		· · · ·											
-														
		•							.÷					
	END OF HOLE ER-87-4 IS AT 176.0'										<u> </u>			
					<u>cs0</u>	tiazz			÷					
		· · · · ·					Ι				<u> </u>			
				15	baryo tr	CONSTABLE	é y	<u>.</u>	ļ					
	•	/	<u> </u>		A C	enso	<u> </u>	<u> </u>	<u> </u>	ļ	1			
		<u></u>	<u> </u>		FEI	JOW ?	ſ	ļ	<b></b>		<u> </u>			
		• · · ·				$\square$			[`	<u> </u>	1			
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DI	AMOND	DRILL RECORD LOGGED BY D. Constable		CONSTA	ABLE CO	ONSULTI			-		
	• •	BEARING OF HOLE <u>S 15<sup>0</sup> W</u> STARTED <u>Dec. 7, 198</u> DIP OF HOLE <u>-45<sup>0</sup></u> COMPLETED <u>Dec. 9, 19</u>					LAIM No	87-5 • <u>P-72</u> • AND	0645		
	N	DIP TESTSNi1DEPTH175.0'				N	E. CLA	IM POST	-	•	
FOOT	AGE TO	BQ CORE DESCRIPTION	SAMPLE No.	FOOTA	IGE TO	SAMPLE LENGTH			ASSAY	·	
0.0	6.5	OVERBURDEN					- AN	<del>. ಇ:೦ 6E</del> ( ನಿರ್ದೇಶವಗ	LOBICAL IENT FI	SURVEY	
6.5	102.1	Granodiorite Grey-pink, blocky, hard, fractured rock and medium-grained.							DI CET	<u>2</u>	
		Contains phases of more mafic rock, finer-grained for example,						RECI	IVE	Þ	
;		from 14.9 to 22.1'.									
	•	From 37.5 to 40.5 bedded meta-sediment at 78 <sup>0</sup> to CA.									
	<u> </u>	From 76.0 to 89.0 slightly bluish granodiorite with quartz augens									
		and irregular patches of pyrite.									
102.1	120.3	Diabase Dyke									
		Black, fine-grained, sharp IN and OUT Contacts, unmineralized,									
	· · · · · · · · · · · · · · · · · · ·	•	<u> </u>						•		
		•					<u> </u>	1	<u> </u>	Ŀ	

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DI	AMO		D. Constable	<u>CO</u> I	NSTABLE	CONSU	LTING IN					
ROPERT	·	CHESTER TOWNSHIP			D.D.H. No. ER-87-5 PAG						AGE <u>2/2</u>	<u></u>
ATITUDE	• 	BEARING OF HOLE S 150 W	STARTED Dec. 7, 198	37	CLAIM NoP-720645							
EPARTU	RE	DIP OF HOLE45 <sup>0</sup>	COMPLETED Dec. 9,	1987		A A		IRECTIO	ON AND	DISTAN	CE FRO	м
LEVATIO	N	DIP TESTS Nil	DEPTH175 <sup>0</sup>	 			N	E. CLA	IM POST	7	•	
FOOT	10E [	<u>BQ_CORE</u>		SAMPLE	E001	TAGE	SAMPLE	r	•	ASSAY	<u> </u>	
FROM	TO	DESCRIPTION		No.	FROM	TO	LENGTH			· ·		
120.3		Granodiorite										
		As before with frequent mafic metasediment	t and								1	
		metavolcanic stations.	anu									
						· ·						·
		From 121.0 to 121.7 white barren quartz ve	ein.									
											<u> </u>	
· · · ·		From 127.2 to 132.7 - Diabase Dyke.			•.							
		Intrusive IN and OUT Contacts.		1								
			•									
		White quartz veins up to 1" wide appear fr								· · ·		
							3					
						AS	OCIATIC				1.	
		END OF HOLE ER-87-5 IS AT 175.0'				SL.	1	2				
			/			6 DAY	CONSTANT	KE.			1	
			<u> </u>			13		1		1	1	1
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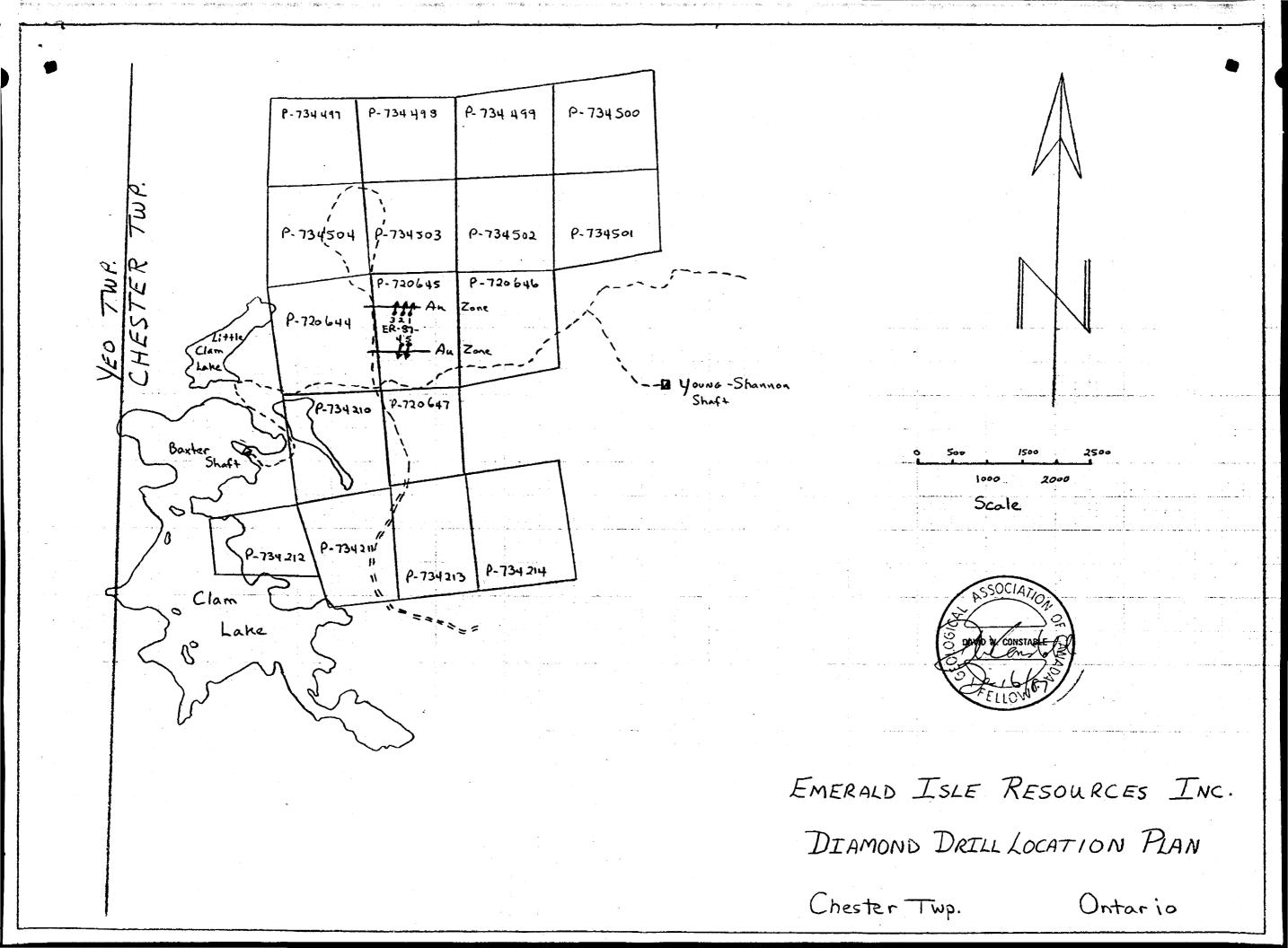
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<b>(S2)</b>	Ministry of Northern Developp Ind Mines	Report of Work	#2114/8			
Ontario		18706-344	Minin			
Name and	Postal Address of F	Recorded Holder	CES INC	41P12SW0048 40 CH	1 114111 1111 11111 11111 1111 Ster	900
					i=10	Rester Tup.
		5 FIELDING ROAD, nance and Distribution of	Credits			
1	890	Mining Claim Prefix Numbe	r Days Cr. Pr	Mining Claim efix Number	Work Minin Days Cr. Prefix	g Claim Work Number Days Cr.
	mance of the follow eck one only)	P /20644		734214		34504 52.4
Man	ual Work	720645		734497	52.4	
Shaf othe	t Sinking Drifting o r Lateral Work.	720646		734498	52.4	
Pow	pressed Air, other er driven or	720847		734499	52.4	
	hanical equip. er Stripping	734210	52.4	734501	52.4	
XXXDian	nond or other Core			734502	52.4	
drilli	ing d Survey	734212		734502	52.4	
All the ure	rk was performed a	on Mining Claim(s):	, <b></b> _,		J2.4	
L		type of equipment, Nam	P-720645			
Required	intormation eg.	type of equipment, wan	103, Audi 03303, 610.		•	<u> </u>
		CONTRACTOR:				
			DECEMBER 1	to DECEMBER 9	, 1987	
			B.Q. COR	E		
					<b>BEOO</b>	0000
	• • •			میں اور	RECU	RDED
- ·	POPCUPINE MINI	NG DIVISION	ASSECSA	ALNI FILLO	1	
	DFCEI	MED	RESEAR	Ch Céfice	DEC	8 1987
	MILLON		FEB	9 1988		
	DEC 18	1987			have any appression was a	
	11:45 4 1	ncl	RECI	EIVED Date of Report	Recorded Hold	ler of Agent/(Signat/re)
		/		December	16, 1987 AN	Constill:
<u> </u>	on Verifying Rep certify that I have	a personal and intimate know	wledge of the facts set	forth in the Report of V	Vork annexed hereto, havin	g performed the work
· · · ·	ssed same during ar Postal Address of Pi	nd/or after its completion and erson Certifying	d the annexed report	s true.		
	DAVID W. CO					
10 Ki	ngston Court	t, Sudbury, Ontar	io P3A 1C9	Date Certified	6. 1987 Certified by (S	ignature)
		chments Required by the		December_1		
Туг	pe of Work	Specific informati	ion per type	Other information (Co	mmon to 2 or more types)	Attachments
Manual Wo	ork	<b>L</b> 174				
Shaft Sink other Late	ing, Drifting or ral Work	Nil		manual work/operate	of men who performed ad equipment, together	Work Sketch: these are required to show
	d air, other power nechanical equip.	Type of equipment		with dates and hours	or employment.	the location and extent of work in relation to the
Power Stri		Type of equipment and am Note: Proof of actual cost within 30 days of recording	must be submitted	Names and addresses together with dates w		nearest claim post.
Diamond o drilling	or other core	Signed core log showing; fo core, number and angles of		done.		Work Sketch (as above) in duplicate
Land Surve	ву	Name and address of Ontar		<b>†</b>	Nil	Nii
788 (85/12)				<u></u>		

