

# GEARHART

## COAL INDUCTION LATEROLOG

**FILING NO.** \_\_\_\_\_

**COMPANY** M.L. BROWN & I.W. WOOLSEY

**WELL** EMERSON "A" NO. 2

**FIELD** ALFORD EXTENSION

**COUNTY** KIOWA **STATE** KANSAS

**LOCATION:** \_\_\_\_\_  
50' S of C NE SW Other Services CDL/CNS/GR/CAL

**SEC** 26 **TWP** 30S **RGE** 18W

**Permanent Datum** XL **Elev.** 2165 **Elev.:** K.B. 2170

**Log Measured from** KB **5** **Ft. Above Perm. Datum** D.F. ---

**Drilling Measured from** KB G.L. 2165

Date	5-7-82				
Run No.	One				
Depth-Driller	5175				
Depth-Logger	5175				
Bottom Logged Interval	5174				
Top Logged Interval	512				
Casing-Driller	8	5/8	@ 512	@	@
Casing-Logger	512				
Bit Size	7 7/8				
Type Fluid in Hole	Chem Gel				
Density		Viscosity	9.7	57	
ph		Fluid Loss	7.0	9.6 cc	cc
Source of Sample	Flowline				
Rm @ Meas. Temp.	.20	@ 67°F	@	°F	@ °F
Rmf @ Meas. Temp.	.14	@ 68°F	@	°F	@ °F
Rmc @ Meas. Temp.	.24	@ 68°F	@	°F	@ °F
Source of Rmf	Rmc	M	M		
Rm @ BHT	.10	@ 121°F	@	°F	@ °F
Time	End Circulation	0930 Hours			
	Logger on bottom	1131 Hours			
Max. Rec. Temp. Deg. F.	121°F			°F	°F
Equip. No.	Location	7112 Wichita			
Recorded By	Eichman				
Witnessed By	Mr. Palmer & Mr. Haze			horst	

FOLD HERE

Date	Sample No.	Changes in Mud Type or Additional Samples				Scale Changes		
		Depth-Driller	Type Log	Depth	Scale Up Hole	Scale Down		
Type Fluid in Hole								
Dens. Visc.								
pH Fluid Loss								
Source of Sample								
Rm @ Meas. Temp.		@	°F	@	°F	@	°F	
Rmf @ Meas. Temp.		@	°F	@	°F	@	°F	
Rmc @ Meas. Temp.		@	°F	@	°F	@	°F	
Source Rmf Rmc								
Rm @ BHT		@	°F	@	°F	@	°F	
Rmf @ BHT		@	°F	@	°F	@	°F	
Rmc @ BHT		@	°F	@	°F	@	°F	

EQUIPMENT DATA									
DUAL INDUCTION					GAMMA RAY				
Run No.	Tool No.	Tool Type	Tool Position	S.O.	Tool No.	Tool Type	Univ.	GAMM BKG.	
One	5415	DIL	Free	1 1/2	4334	Univ.		120	

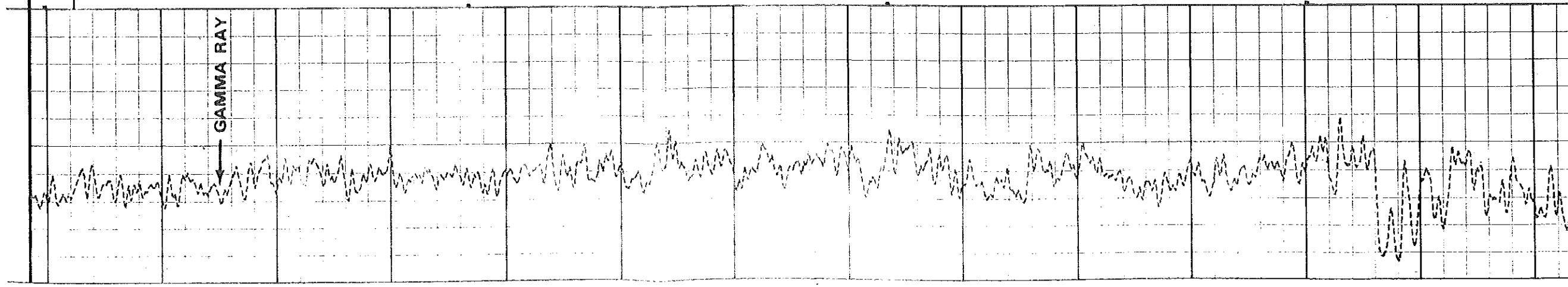
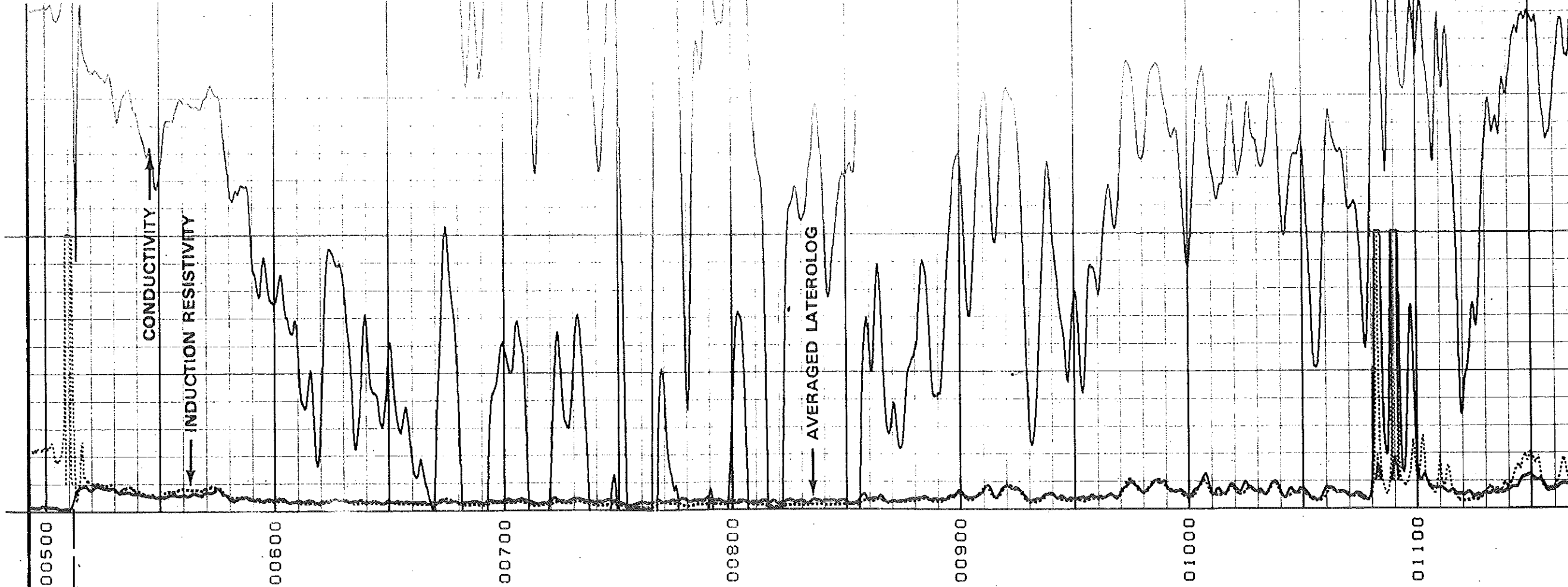
  

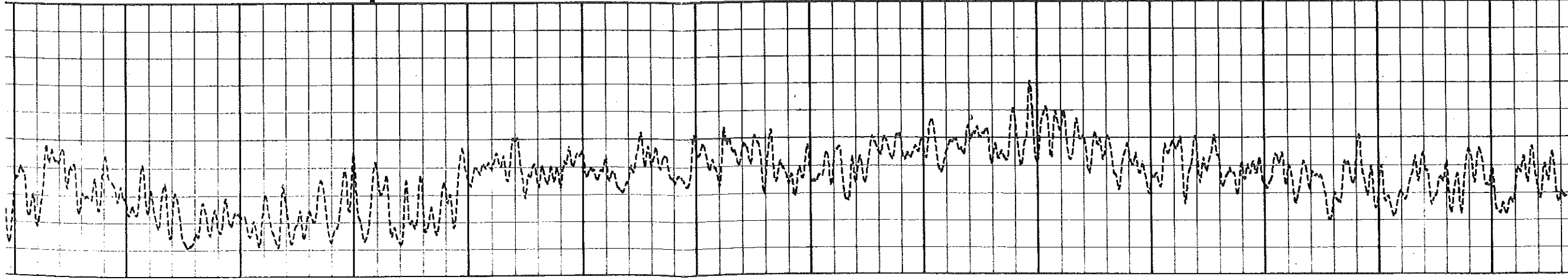
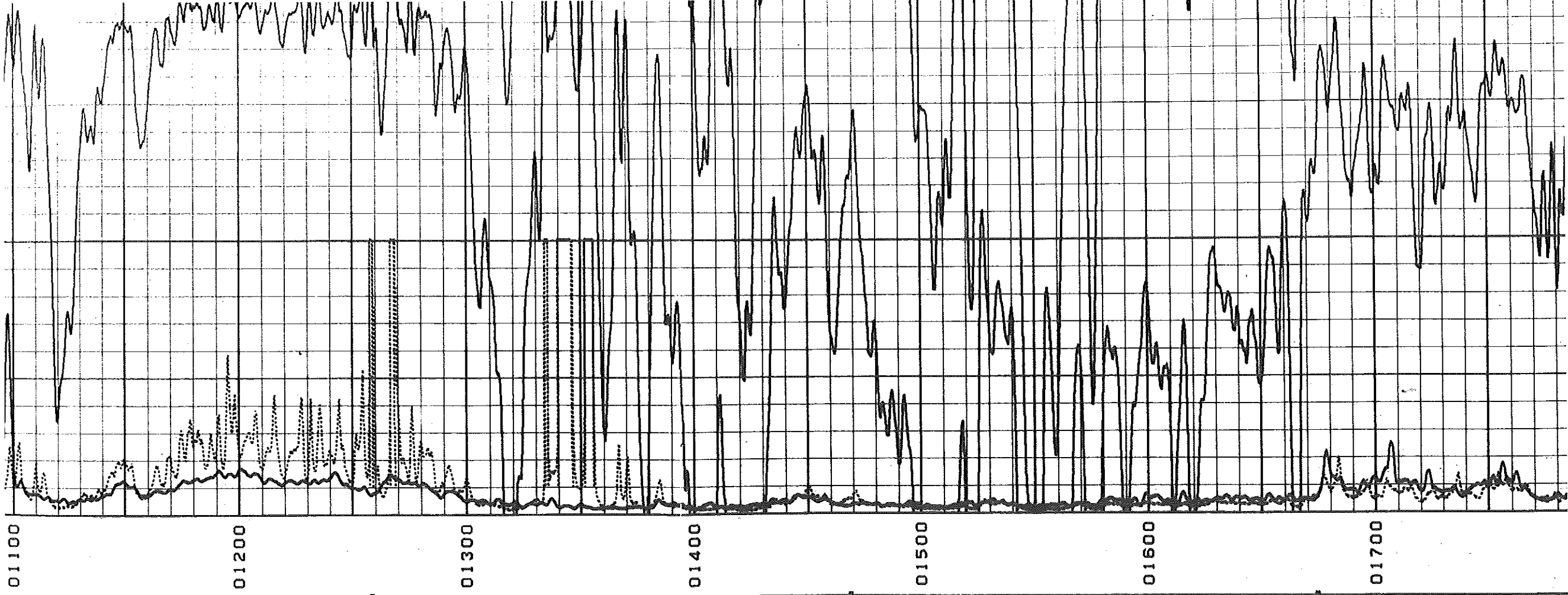
CALIBRATION DATA										
Run No.	LL 2-Ohm/m	LL 500-ohm/m	ILD Loop Cal.	ILD Int. Cal.	ILM Loop Cal.	ILM Int. Cal.	ILM Tool Zero	K	B	GAMM BKG.
One	9.4	2500	420	647	469	741	0	1.00	1.85	120

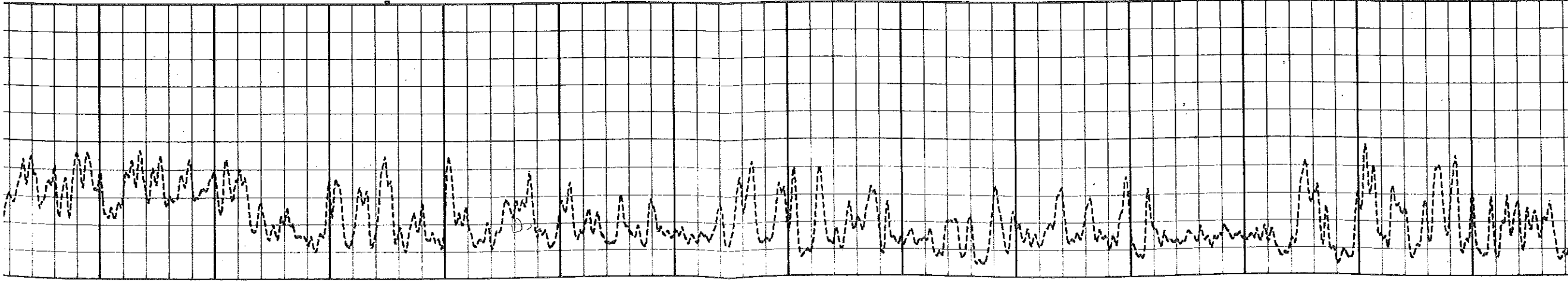
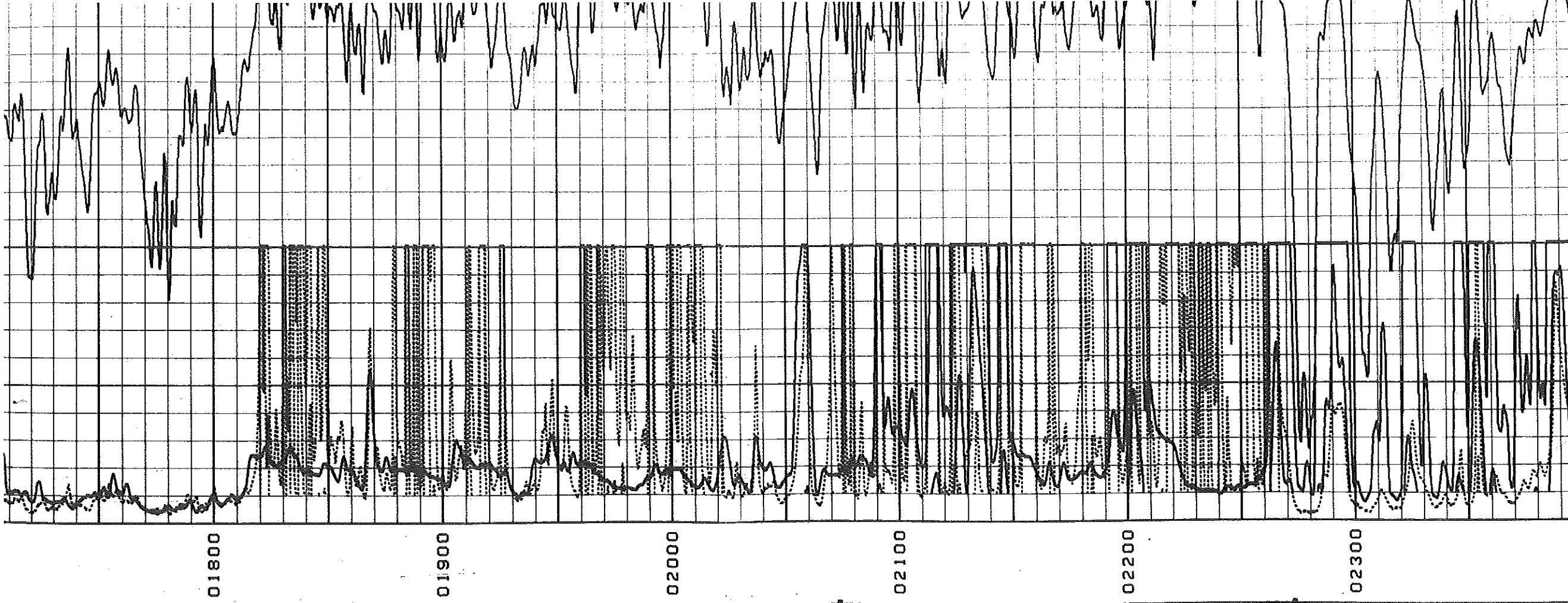
**REMARKS:**

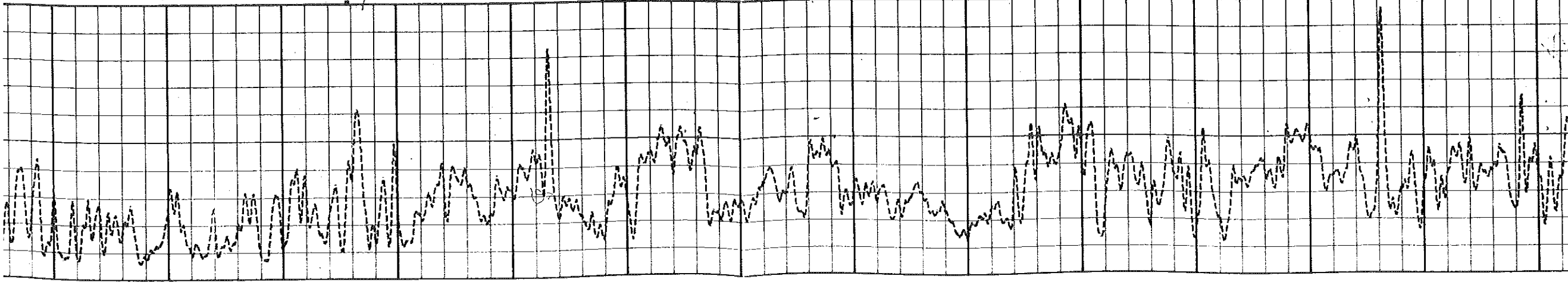
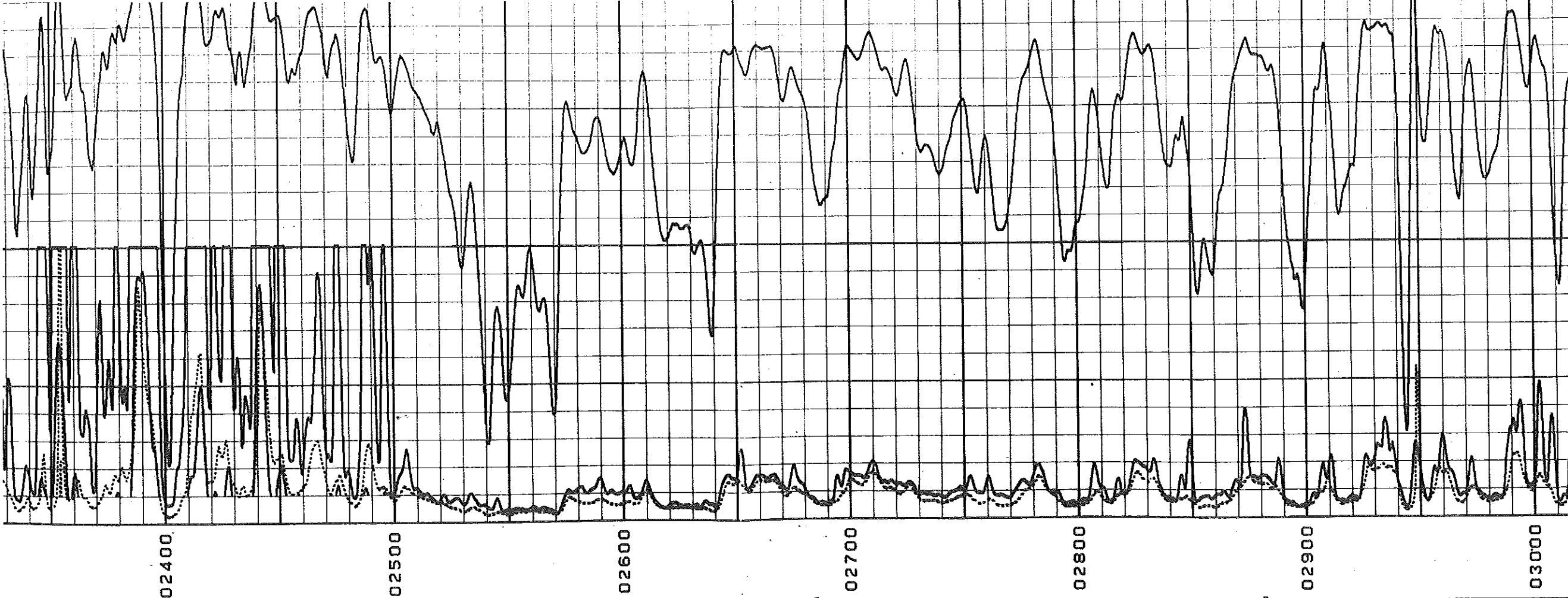
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05-07-82	12:04	492.5	172524	0042-23	0
1000	C (ILD)	MMHOS			
0	R (ILD)	Ω-M	50		
0	R (LL)	Ω-M	50		
	GR API	150			
			00500		









02400

02500

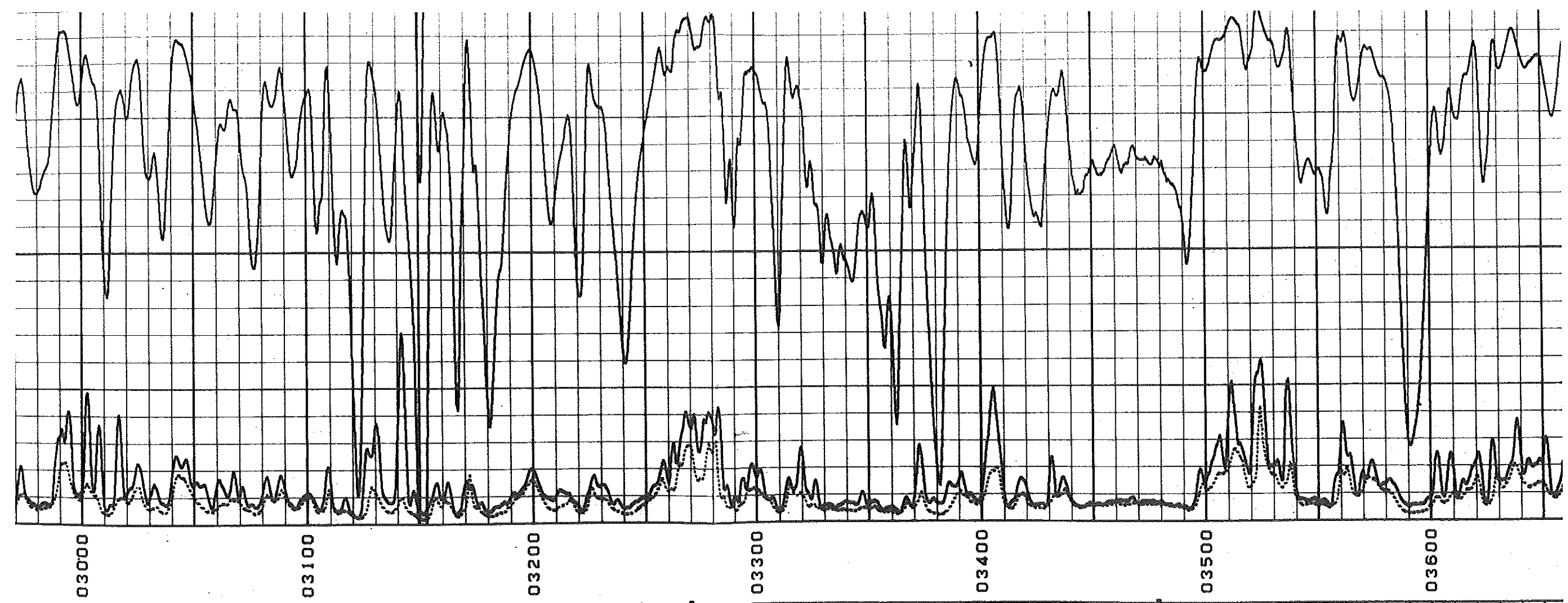
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02700

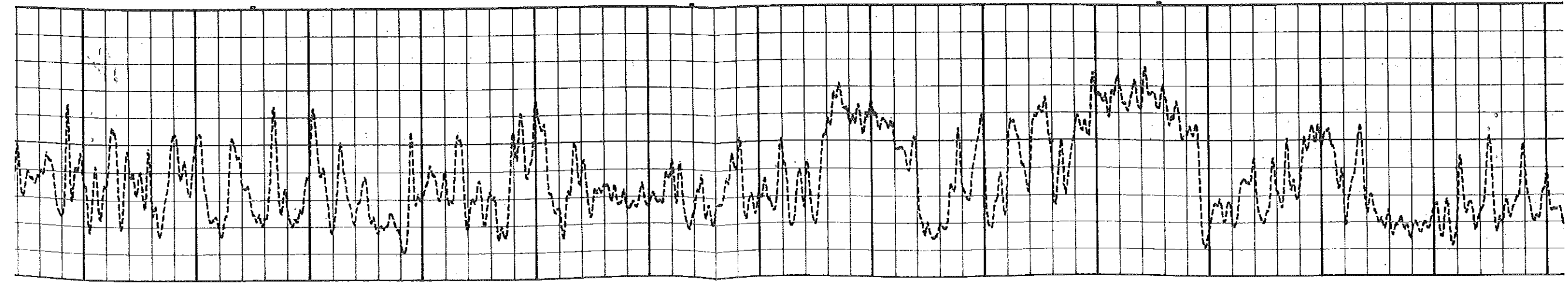
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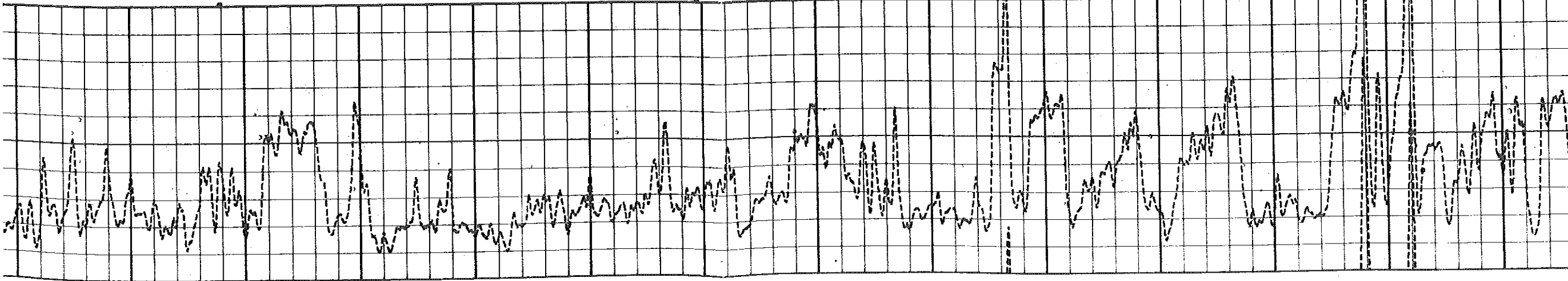
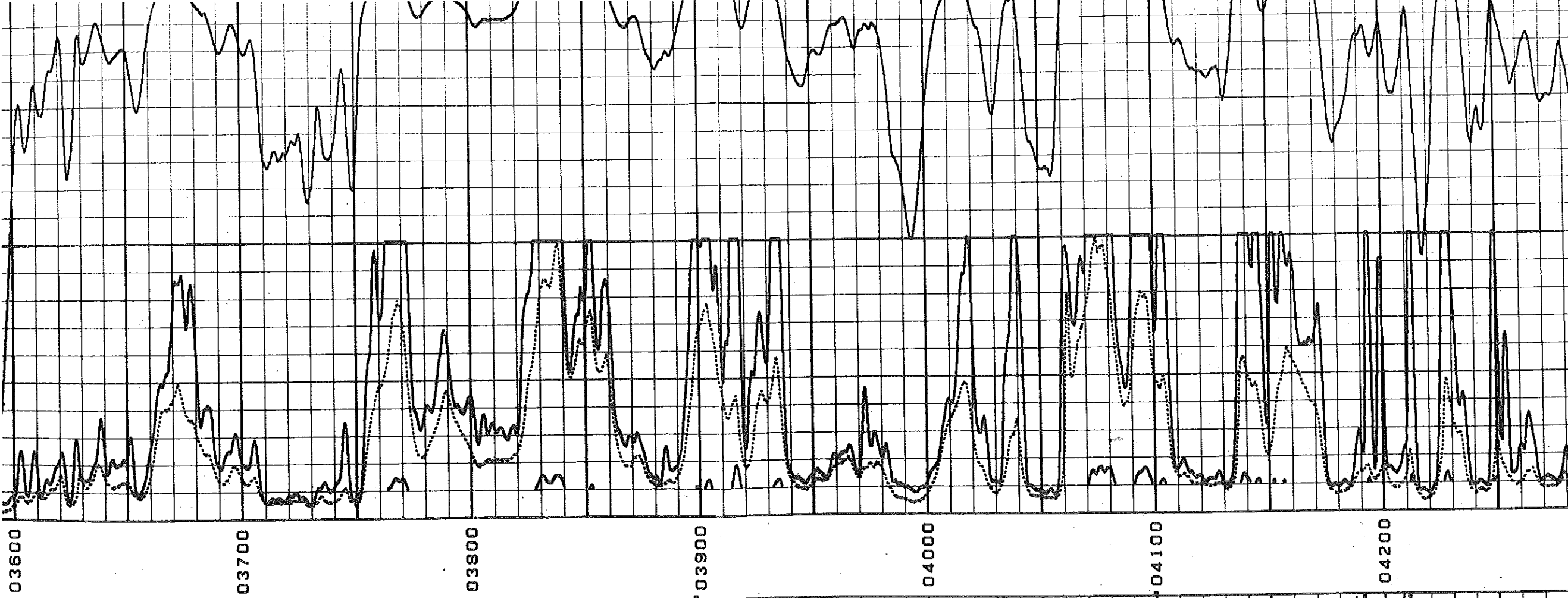
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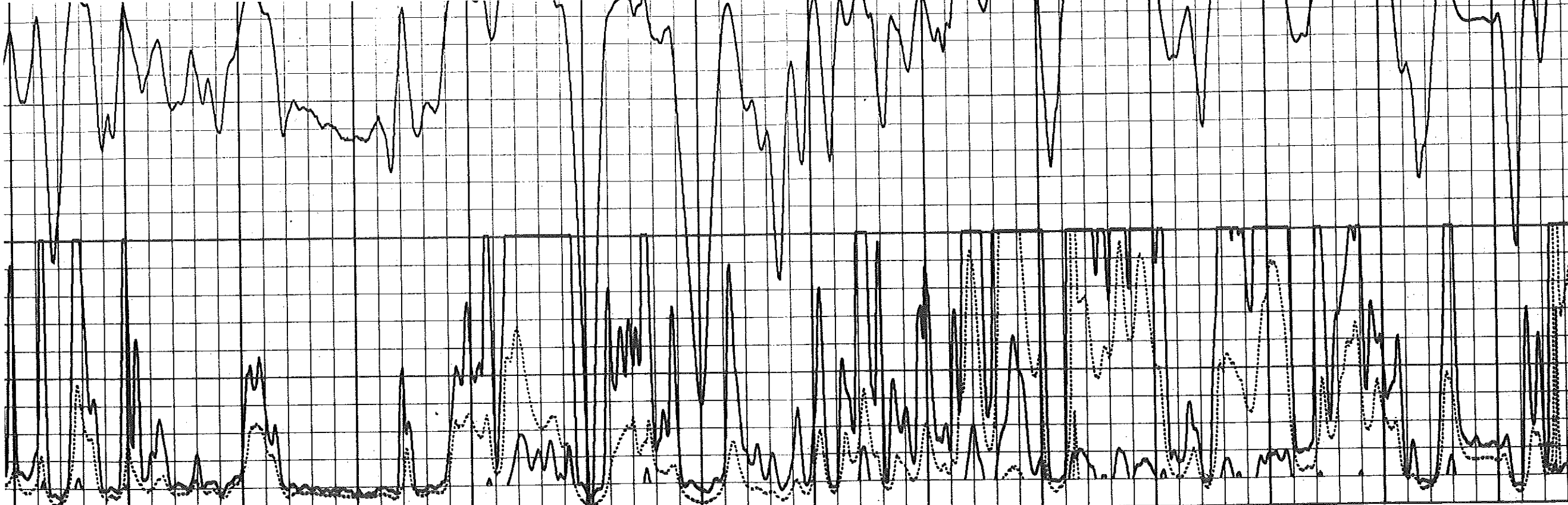
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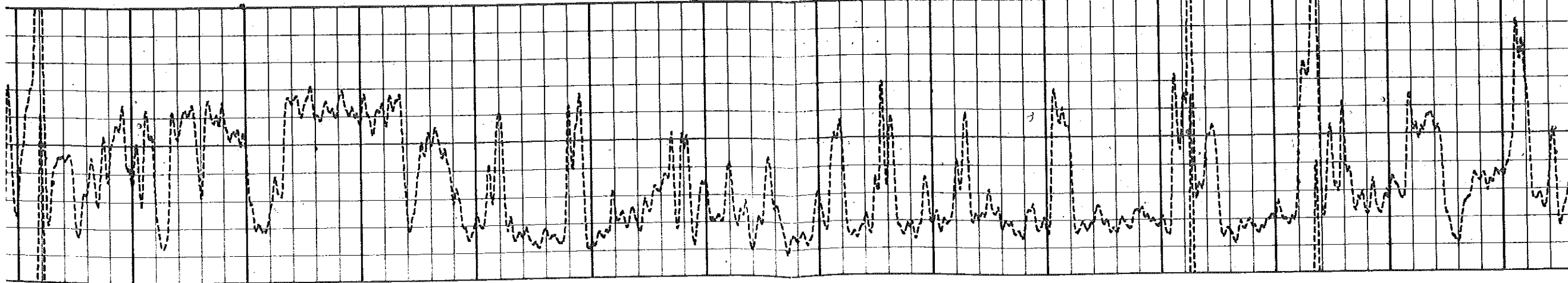
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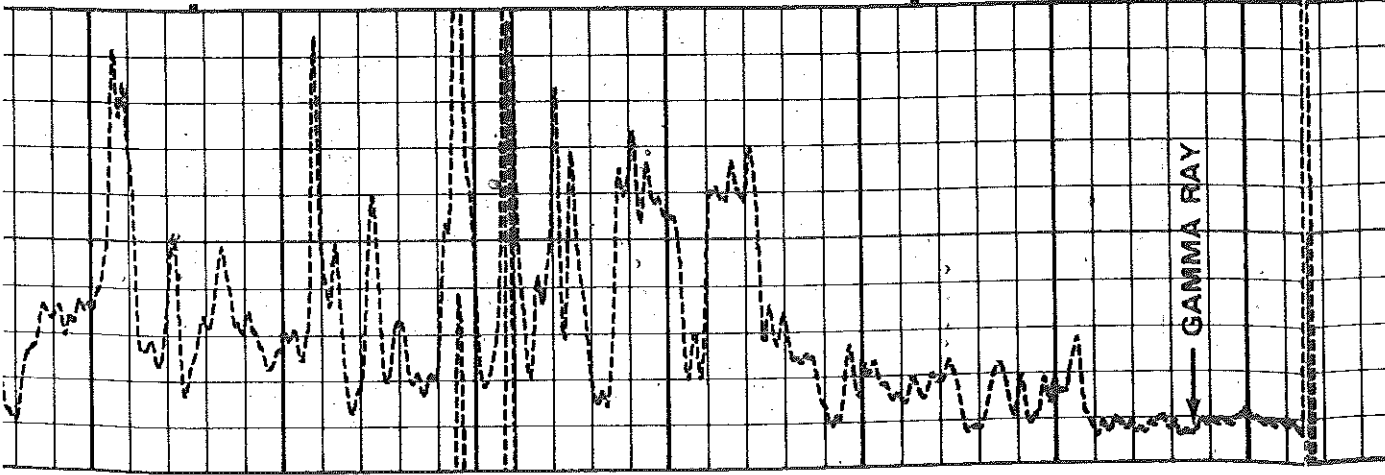




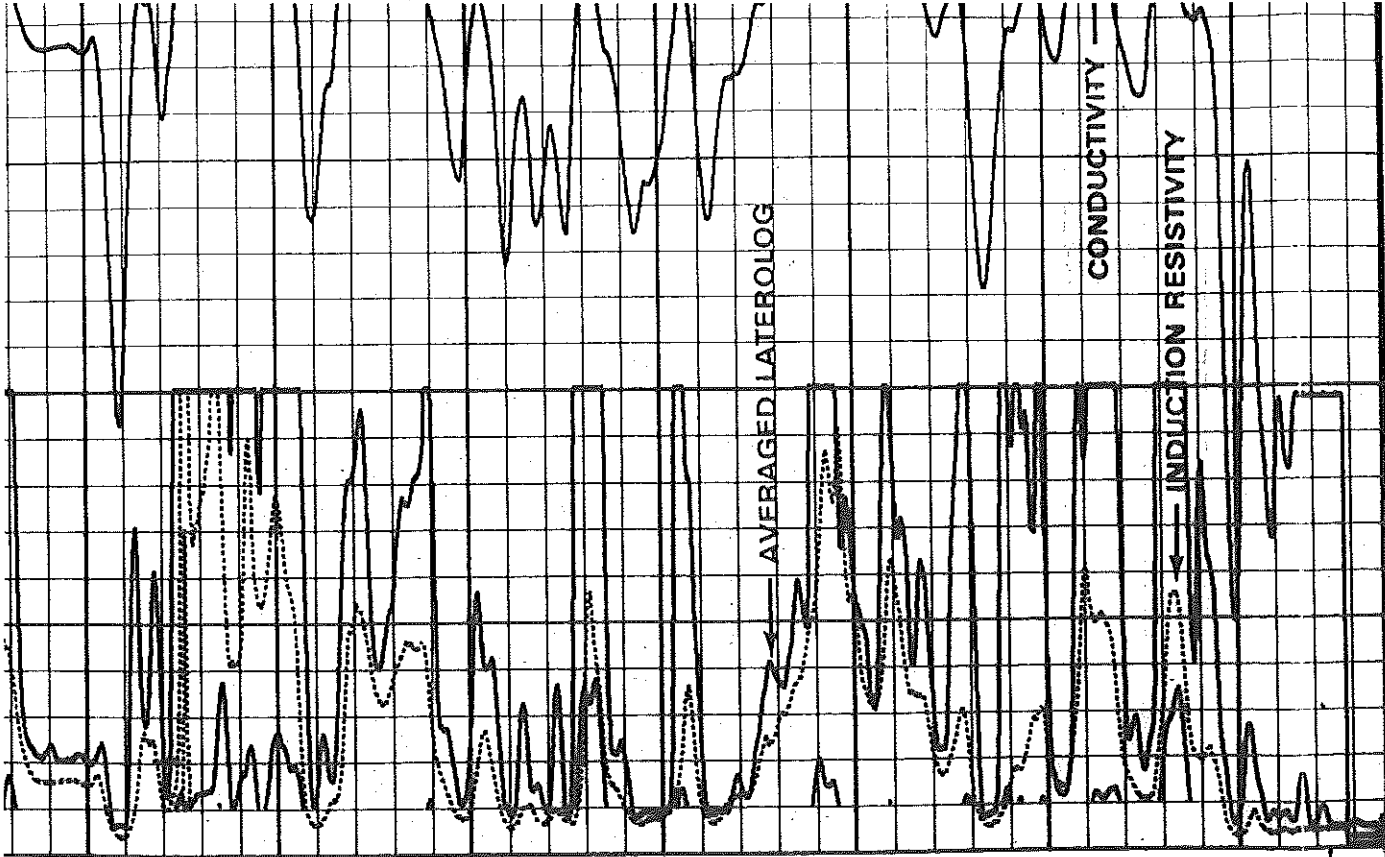
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GAMMA RAY



AVERAGED LATEROLOG

04900

05000

05100

CONDUCTIVITY

INDUCTION RESISTIVITY

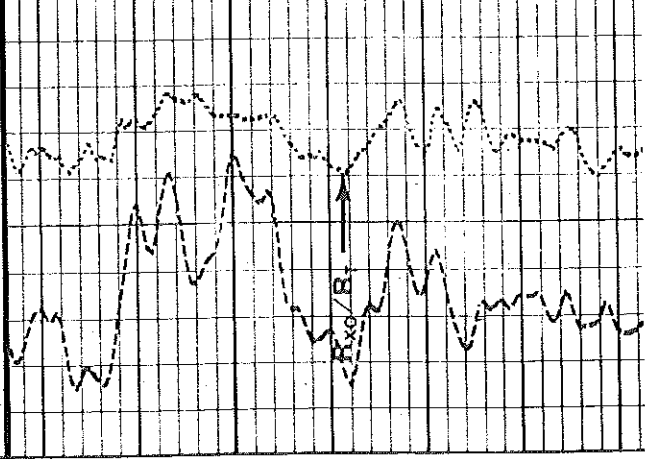
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0	R (ILD) Ω-M 50	
0	R (LL) Ω-M 50	

0 GR API 150

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05-07-82	11:53	3176.0	172524	0042-23	0

0 GR API 150  
RXO/RT

0.2	R (ILD) Ω-M
0.2	R (ILM) Ω-M
0.2	R (LL) Ω-M



RXO/RT

03200

LATEROLOG

MEDIUM INDUCTION

DEEP INDUCTION