



MICRORESISTIVITY LOG

PIONEER
Pioneer Energy Services

Company LARSON ENGINEERING, INC.
Well SCHNEIDER C #10
Field TRAPP
County BARTON
State KANSAS

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Location: API #: 15-009-26254-00-00

Other Services

924' FNL & 2228' FEL
SEC 2 TWP 16S RGE 14W

CNL/CDL
DIL

Permanent Datum GROUND LEVEL Elevation 1883'
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 1891'
D.F. N/A
G.L. 1883'

Date 3/12/2019

Run Number	ONE		
Depth Driller	3416'		
Depth Logger	3415'		
Bottom Logged Interval	3414'		
Top Log Interval	2700'		
Casing Driller	8.625" @ 431'		
Casing Logger	430'		
Bit Size	7.878"		
Type Fluid in Hole	CHEMICAL		
Salinity, ppm CL	10000		
Density / Viscosity	9.3 53		
pH / Fluid Loss	9.5 13.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.30 @ 65		
Rmt @ Meas. Temp	0.23 @ 65		
Rmc @ Meas. Temp	0.41 @ 65		
Source of Rmt / Rmc	CHARTS		
Rm @ BHT	0.18 @ 110		
Operating Rig Time	3 HOURS		
Max Rec. Temp. F	110		
Equipment Number	108		
Location	HAYS		
Recorded By	IAN MABB		
Witnessed By	VERN SCHRAG		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments

N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

RUSSELL, KS.

SOUTH ON 281 TO RD 230TH (COUNTY LINE),
EAST 1/2 MILE, SOUTH INTO

Log Measured From: KELLY BUSHING 8 Ft. Above Permanent Datum

THANK YOU FOR USING PIONEER ENERGY SERVICES
www.pioneerenergy.com 785-625-3858

Your Pioneer Energy Services Crew

Engineer: IAN MABB
Operator:
Operator:
Operator:

This Log Record Was Witnessed By

Primary Witness: VERN SCHRAG
Secondary Witness:
Secondary Witness:
Secondary Witness:

Top - Bottom

A	BOREID	BOTTEMP	CASEOD	CASETHCK	FLUIDDEN	M	MATRXDEN
0	in	degF	in	in	g/cc		g/cc
0	0	0	0	0	0	0	0
NPORSEL	PERFS	SNDERR	SNDERRM	SPSHIFT	SRFTEMP	SZCOR	TDEPTH
0	0	mmho/m	mmho/m	mV	degF	0	ft
		0	0	0	0		0

Database Filec:\users\imabb\desktop\logs\larson\schneider c #10\larson_schneider_c_10.db

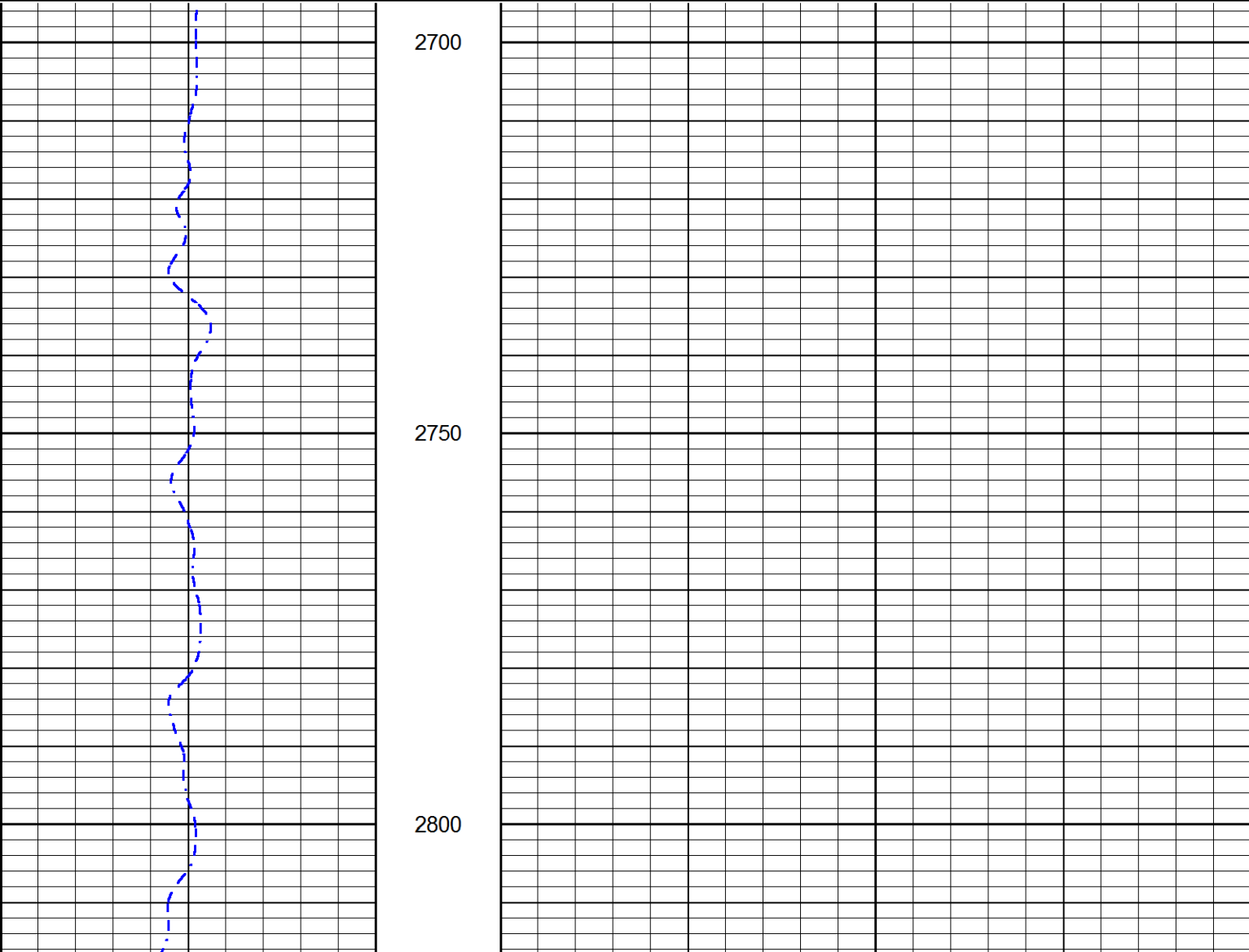
Dataset Pathnamestackmel/pass4.1

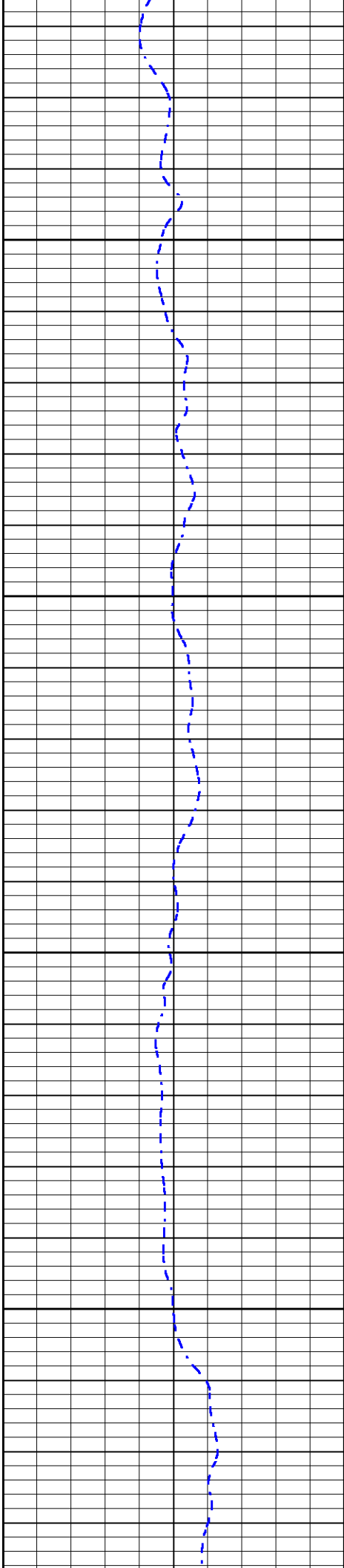
Presentation Formatmicro

Dataset CreationTue Mar 12 02:01:20 2019

Charted byDepth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	0	MICRO INVERSE 1 X 1 (Ohm-m)	40
6	MCAL (in)	16	0	MICRO NORMAL 2" (Ohm-m)	40
2.875	mcAl (in)	7.875	10000	Line Weight (lb)	0
6	Bit Size (in)	16			
-200	SP (mV)	0			



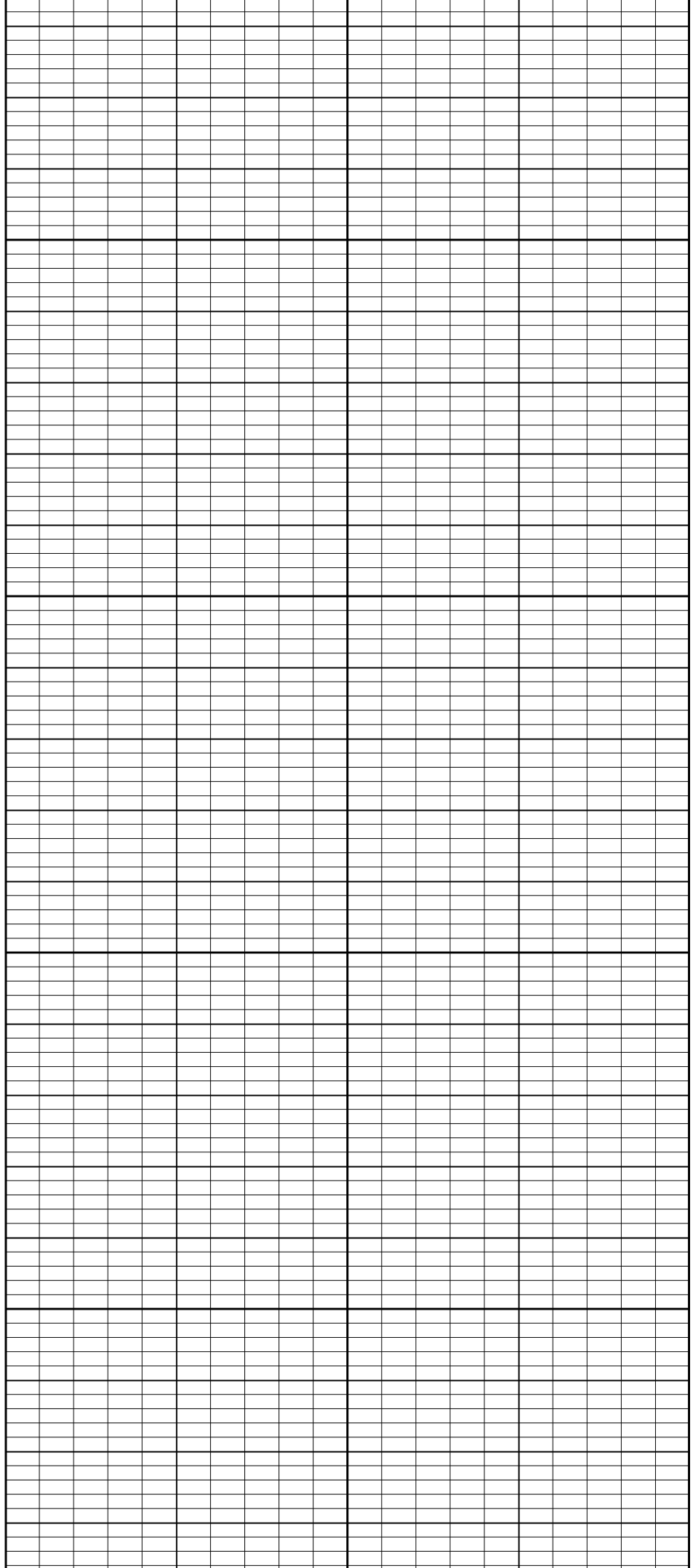


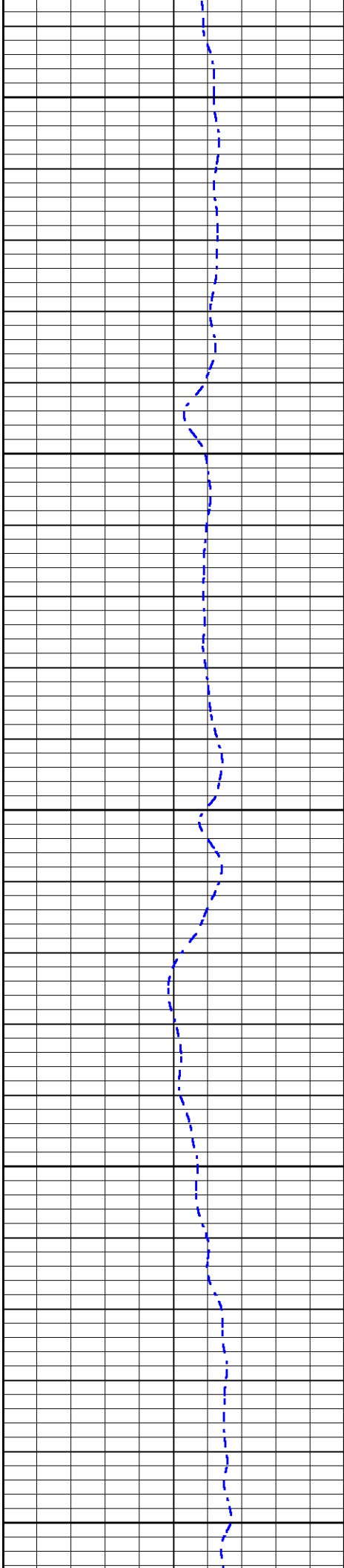
2850

2900

2950

3000





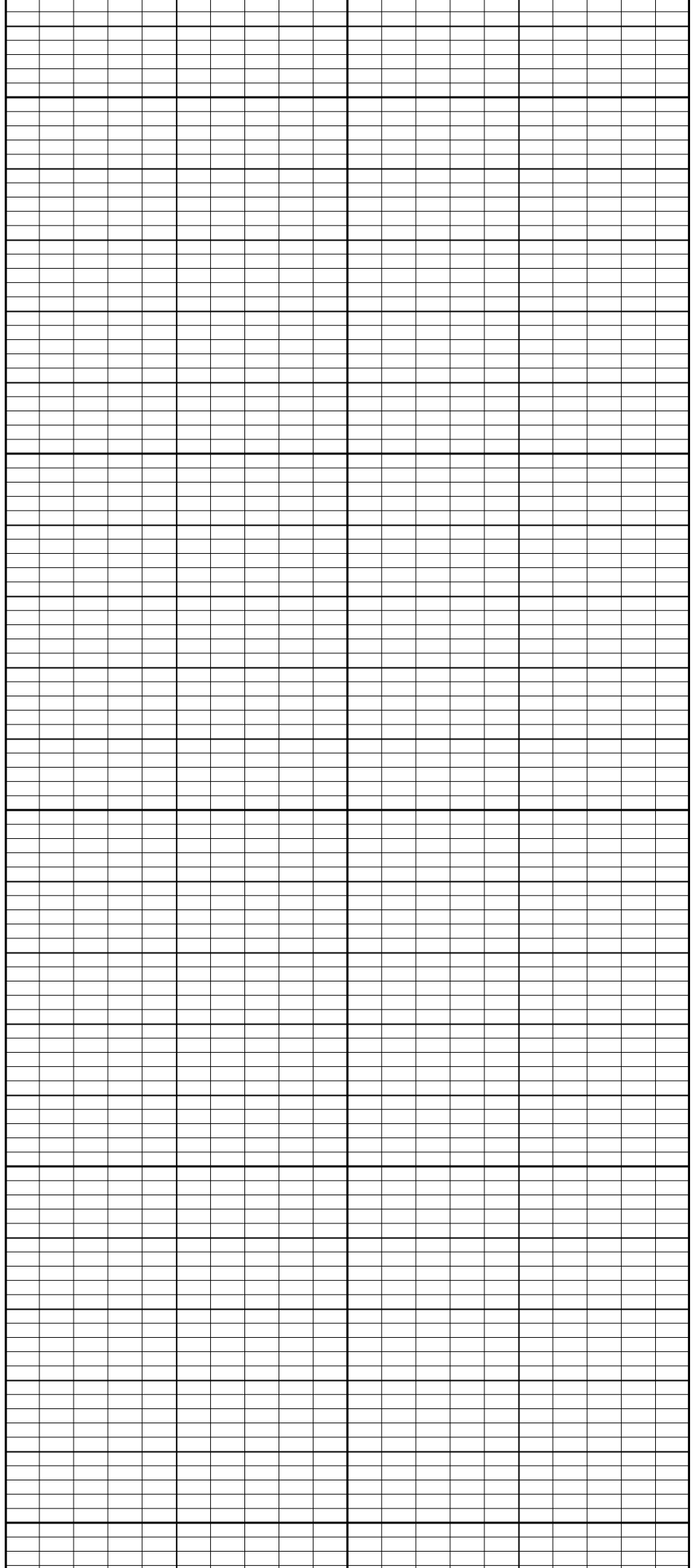
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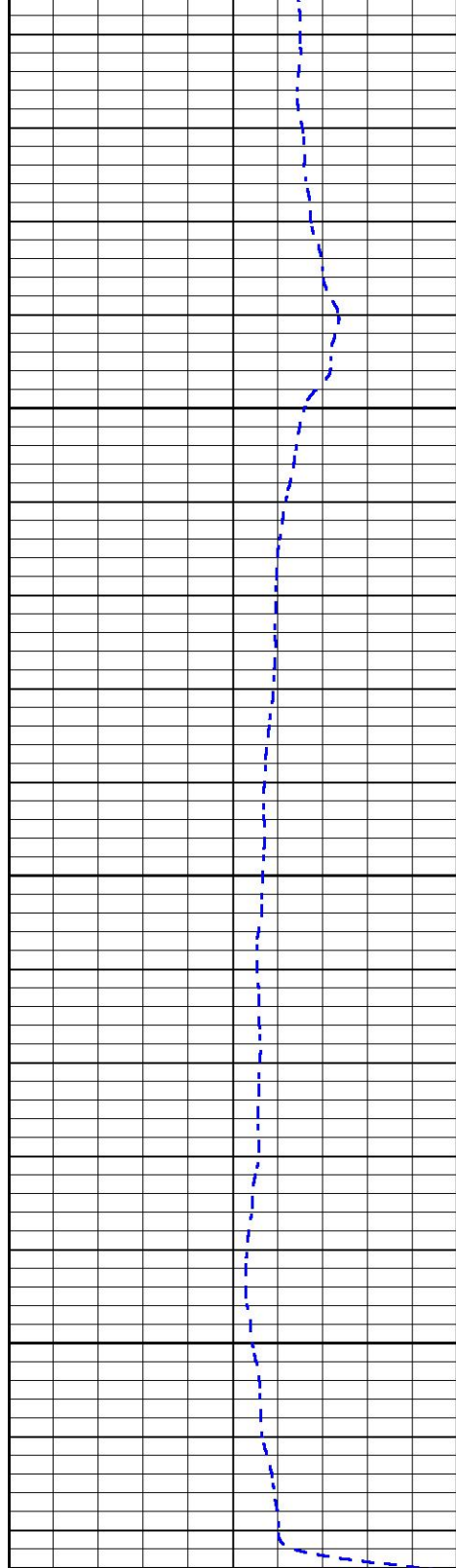
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3150

3200

3250



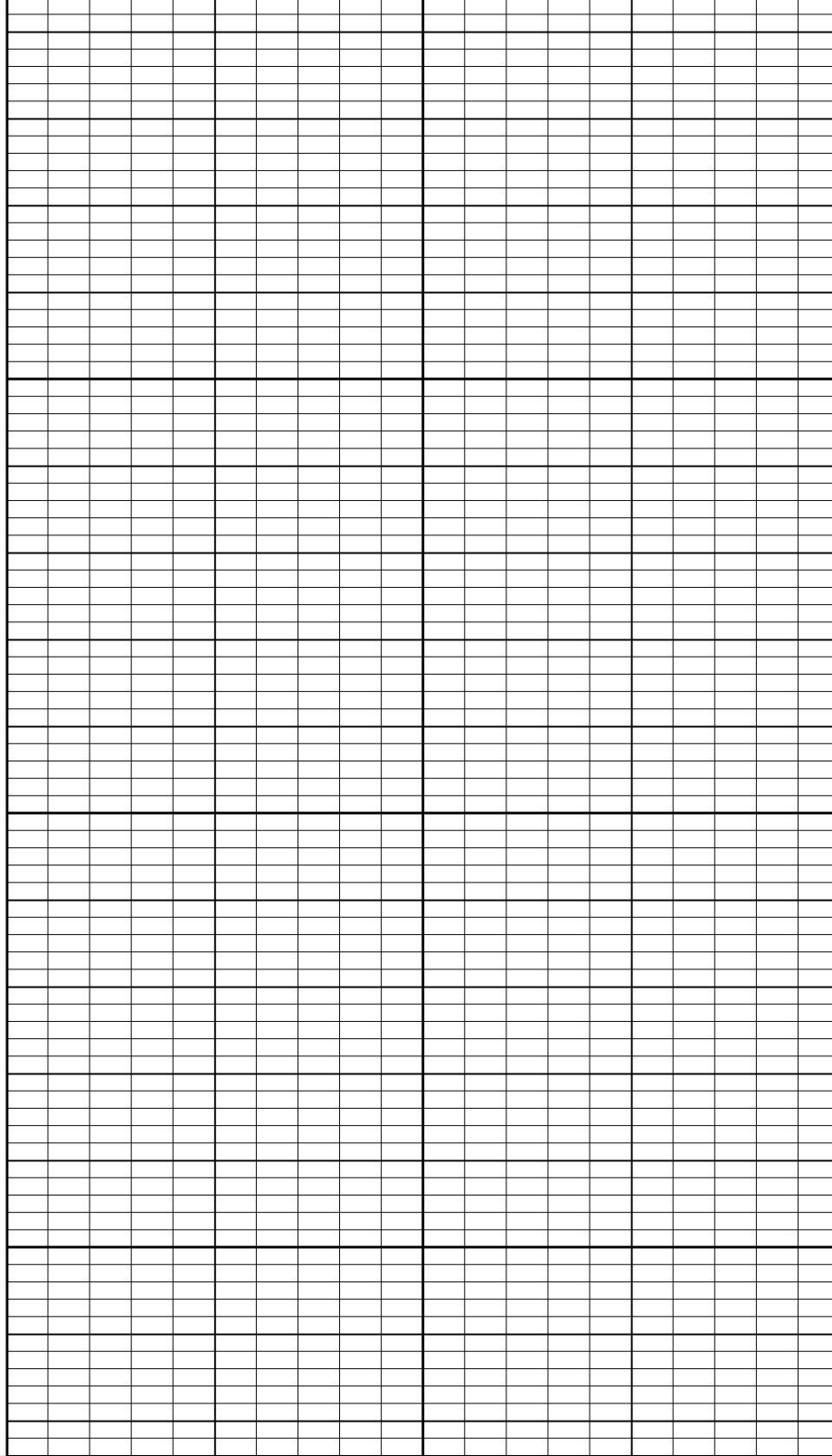


3300

3350

3400

0	GAMMA RAY (GAPI)	150
6	MCAL (in)	16
2.875	mcal (in)	7.875
6	Bit Size (in)	16
-200	SP (mV)	0



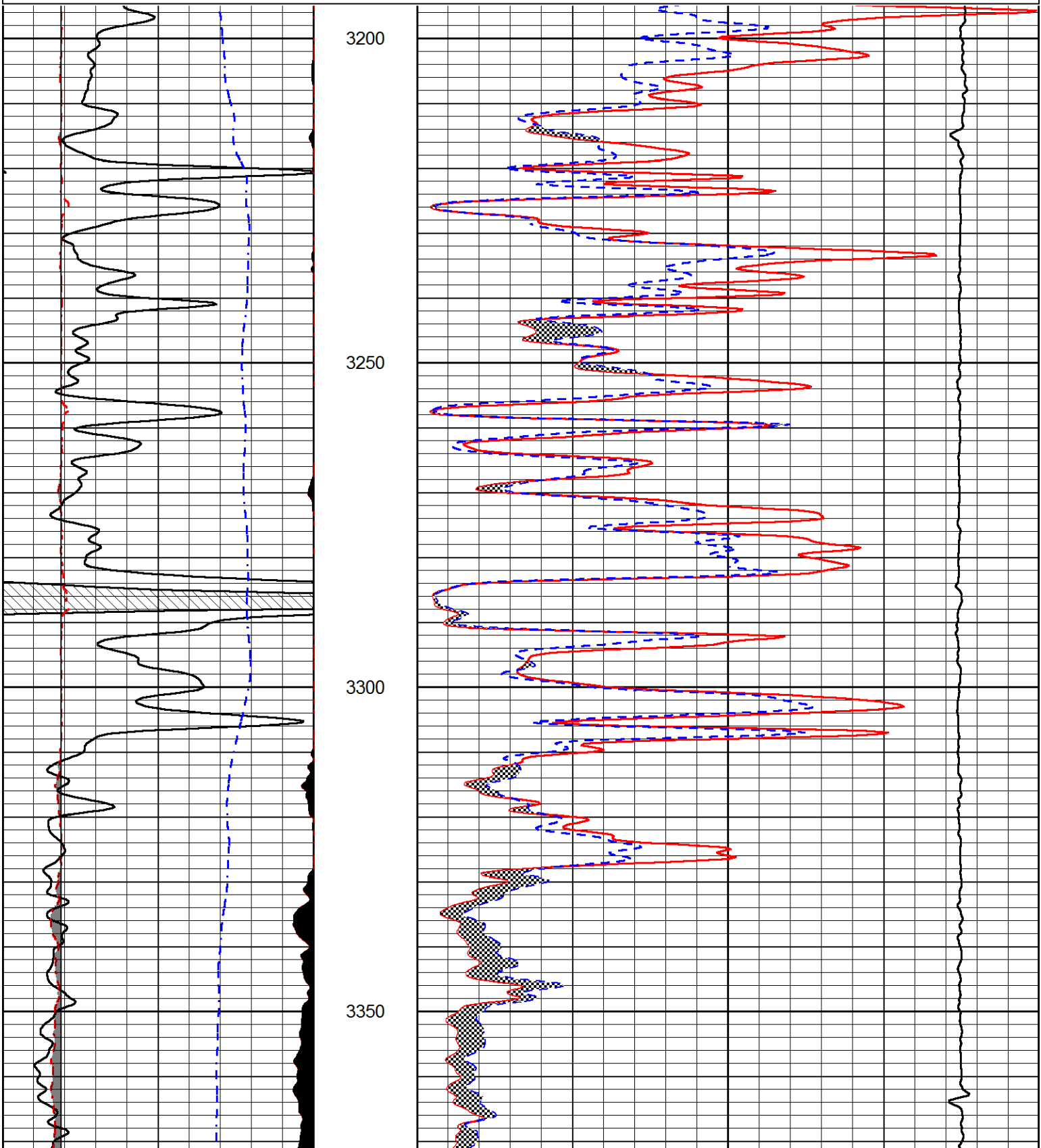
0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
10000	Line Weight (lb)	0

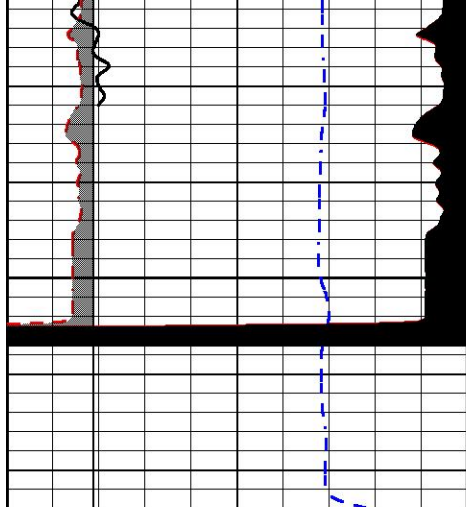


REPEAT SECTION

Database File	c:\users\imabb\desktop\logs\larson\schneider c #10\larson_schneider_c_10.db
Dataset Pathname	stackmel/pass2.1
Presentation Format	micro
Dataset Creation	Tue Mar 12 02:10:32 2019
Charted by	Depth in Feet scaled 1:240

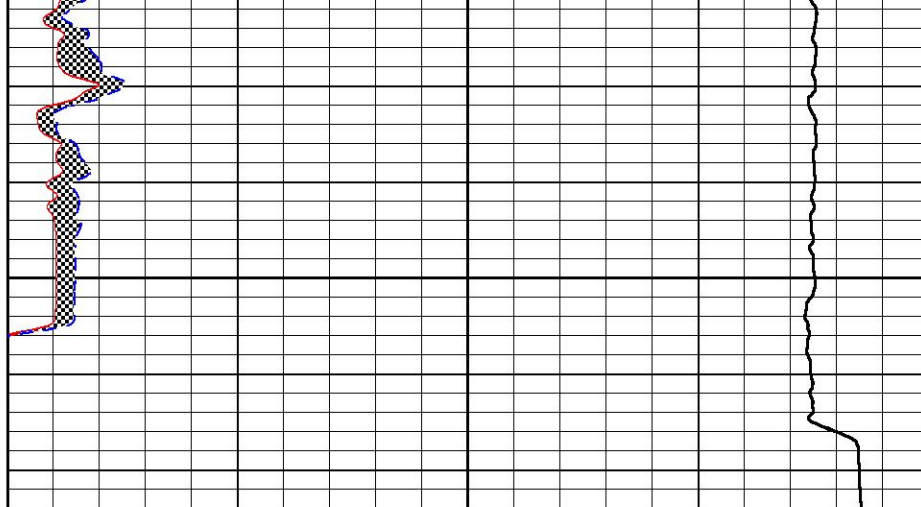
0	GAMMA RAY (GAPI)	150	0	MICRO INVERSE 1 X 1 (Ohm-m)	40
6	MCAL (in)	16	0	MICRO NORMAL 2" (Ohm-m)	40
2.875	mcals (in)	7.875	10000	Line Weight (lb)	0
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-200	SP (mV)	0			





3400

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6	MCAL (in)	16
2.875	mcals (in)	7.875
6	Bit Size (in)	16
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0	MICRO INVERSE 1 X 1 (Ohm-m)	40
0	MICRO NORMAL 2" (Ohm-m)	40
10000	Line Weight (lb)	0

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