



Centruw GEOPHYSICAL CORP.

27-00

COMPANY : FORDING COAL LTD.
 WELL : 27-00
 LOCATION/FIELD : Eagle Pit
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9030
 9035 **2700**

272700
 150230 N
 25013 E
 20675

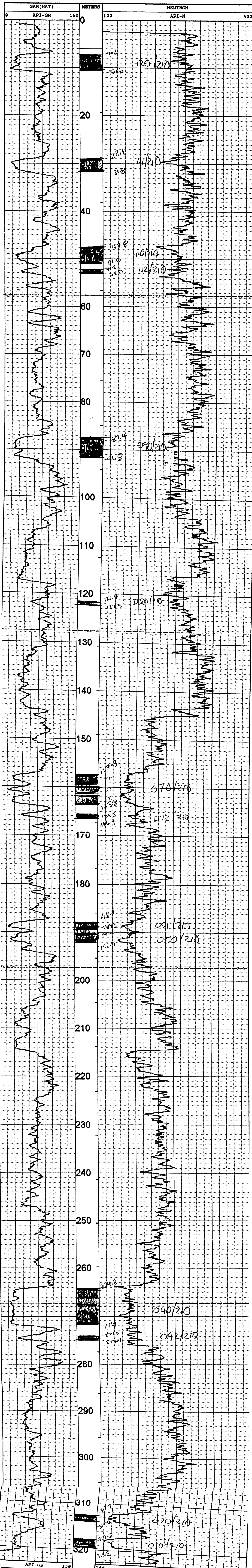
TOWNSHIP : RANGE :
 DATE : 07/16/98
 DEPTH DRILLER : 325
 LOG BOTTOM : 322.80
 LOG TOP : 0.60
 PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:
 CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS: 0
 LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Greschuk

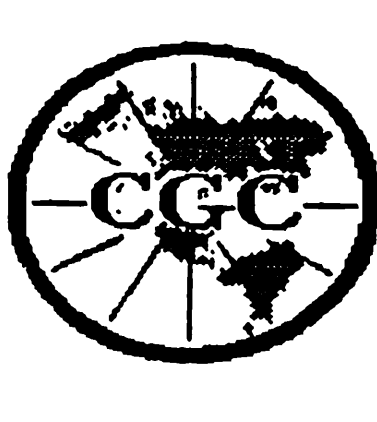
BIT SIZE : 13.333
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE
 BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140
 FILE : PROCESSED
 TYPE : 9067A

THRESH: 20000

Logged Through Rods

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-01

PH 2701

150001
25051.51
2089.91

COMPANY : FORDING COAL LTD.
 WELL : 27-01
 LOCATION/FIELD : EAGLE PIT
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9067
 9055
2701

TOWNSHIP :
 RANGE :

DATE : 07/04/98
 DEPTH DRILLER : 330
 LOG BOTTOM : 330.20
 LOG TOP : 0.80

PERMANENT DATUM :
 LOG MEASURED FROM :
 DRL MEASURED FROM :

KB :
 DF :
 GL :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : S. Cochrane

BIT SIZE : 13.333
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

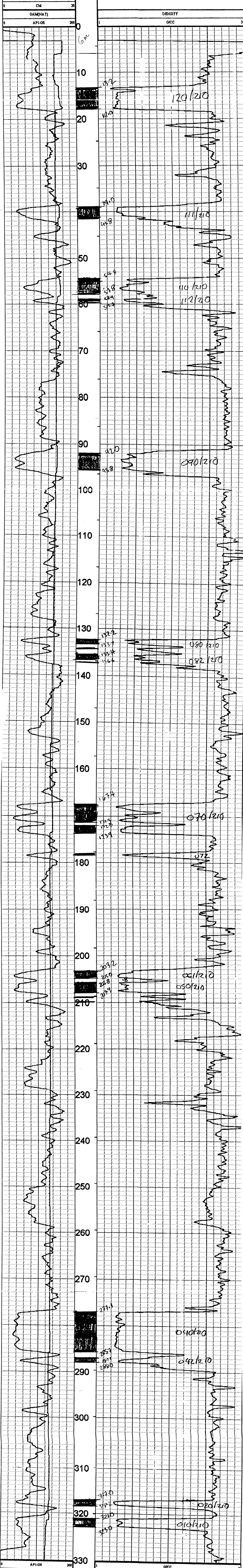
BOREHOLE FLUID : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

FILE : ORIGINAL
 TYPE : 9030AA

THRESH: 20000

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-01

COMPANY : FORDING COAL LTD.
 WELL : 27-01
 LOCATION/FIELD : EAGLE PIT
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9055
 9030

TOWNSHIP :
 RANGE :

DATE : 07/03/98
 DEPTH DRILLER : 330
 LOG BOTTOM : 329.70
 LOG TOP : 0.50

PERMANENT DATUM :
 LOG MEASURED FROM :
 DRL MEASURED FROM :

KB :
 DF :
 GL :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : S. Cochran

BIT SIZE : 13.335
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

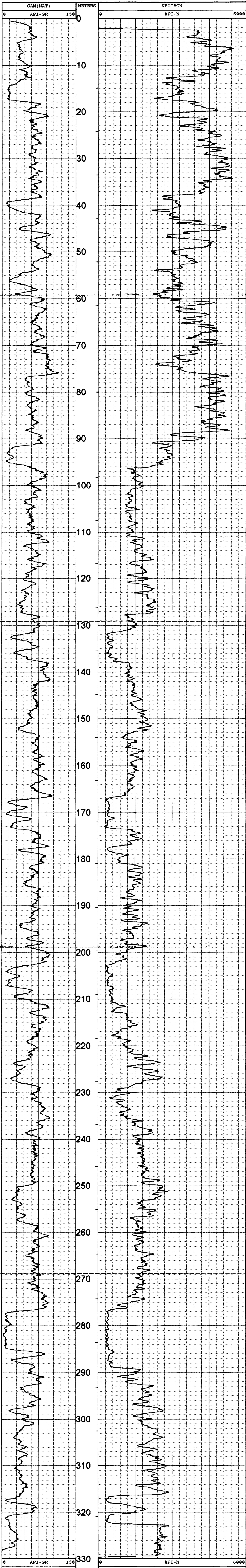
BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

Logged Through Rods

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

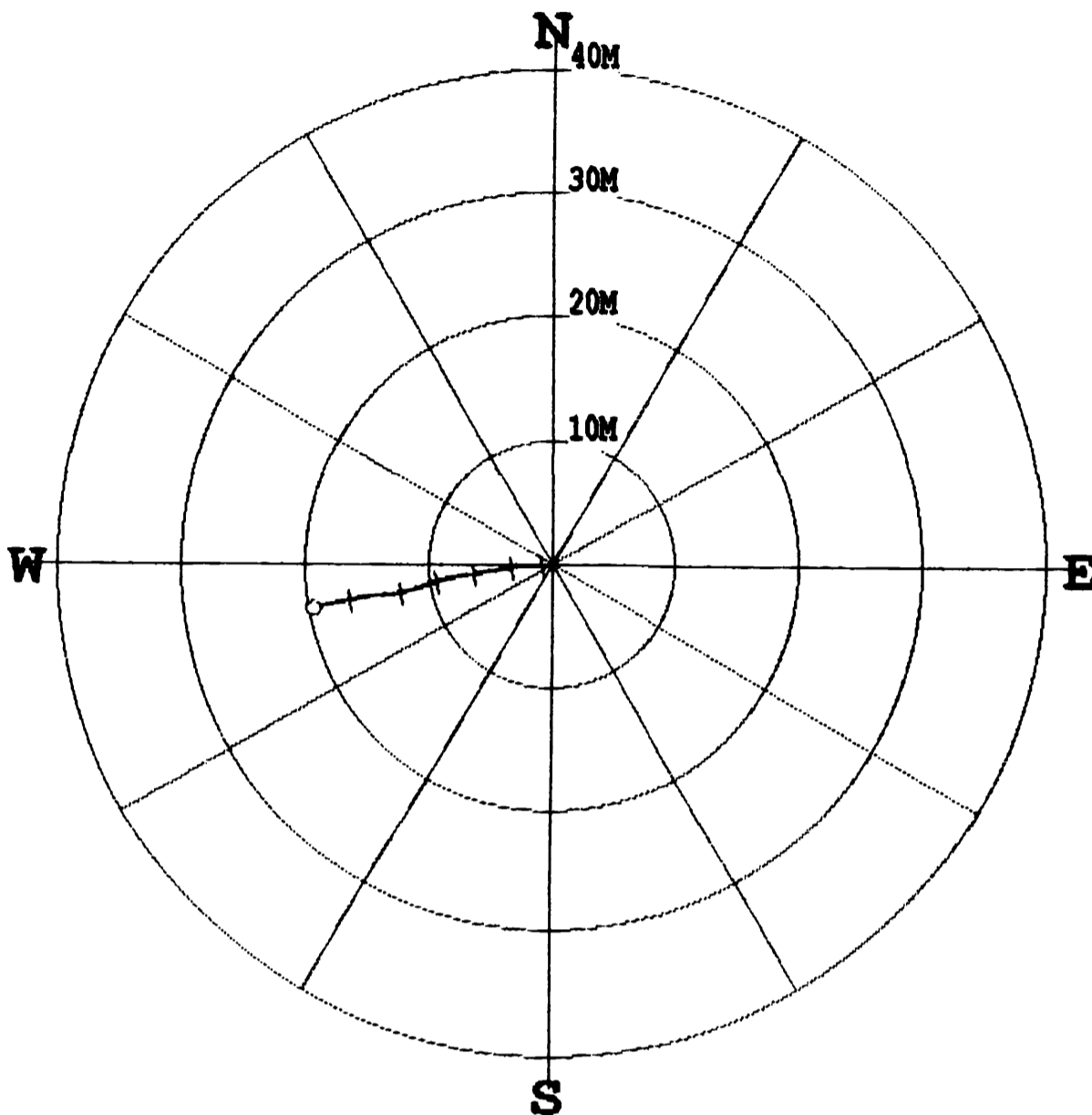


PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: EAGLE PIT
 HOLE ID: 27-01
 DATE OF LOG: 07/04/98
 PROBE: 9055A 238



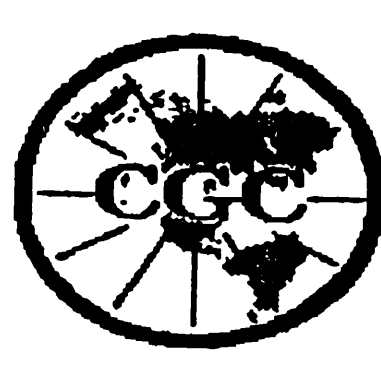
SCALE: 5 M/CM
 TRUE DEPTH: 330.01 M
 AZIMUTH: 259.4
 DISTANCE: 19.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 27-01
 FIELD OFFICE : CALGARY DATE OF LOG : 07/04/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-01_07-04-98_01-44_9055A_.10_16.10_331.00_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
17.7	17.70	-0.00	-0.00	0.0	265.4	0.9	265.4
26.1	26.10	-0.03	-0.14	0.1	258.2	1.0	226.5
36.1	36.09	-0.08	-0.40	0.4	258.8	1.6	265.3
46.1	46.09	-0.13	-0.71	0.7	260.0	2.0	256.4
56.1	56.08	-0.14	-1.06	1.1	262.3	2.1	249.3
66.1	66.07	-0.16	-1.48	1.5	264.0	2.4	281.3
76.1	76.06	-0.16	-1.96	2.0	265.2	3.2	276.9
86.1	86.05	-0.17	-2.53	2.5	266.1	3.4	264.1
96.1	96.03	-0.24	-3.08	3.1	265.6	3.2	268.5
106.1	106.01	-0.33	-3.64	3.7	264.8	3.5	261.0
116.1	116.00	-0.43	-4.22	4.2	264.2	3.8	254.7
126.1	125.98	-0.53	-4.81	4.8	263.7	3.4	245.7
136.1	135.96	-0.65	-5.42	5.5	263.2	3.6	263.4
146.1	145.94	-0.77	-6.06	6.1	262.7	3.8	254.6
156.1	155.92	-0.86	-6.70	6.8	262.7	3.4	258.0
166.1	165.89	-0.95	-7.33	7.4	262.6	3.7	259.1
176.1	175.87	-1.09	-7.95	8.0	262.2	3.5	263.2
186.1	185.86	-1.21	-8.52	8.6	261.9	3.1	262.5
196.1	195.84	-1.38	-9.09	9.2	261.4	3.4	256.7
206.1	205.82	-1.52	-9.66	9.8	261.1	3.4	253.2
216.1	215.80	-1.71	-10.20	10.3	260.5	3.3	248.0
226.1	225.79	-1.91	-10.76	10.9	259.9	3.5	247.4
236.1	235.77	-2.08	-11.31	11.5	259.6	3.4	254.9
246.1	245.75	-2.28	-11.91	12.1	259.2	4.0	260.4
256.1	255.72	-2.43	-12.62	12.9	259.1	4.1	269.2
266.1	265.69	-2.55	-13.41	13.6	259.3	5.0	268.0
276.1	275.65	-2.62	-14.29	14.5	259.6	5.1	262.6
286.1	285.61	-2.70	-15.14	15.4	259.9	5.0	258.4
296.1	295.58	-2.87	-15.99	16.2	259.8	4.9	258.4
306.1	305.54	-3.05	-16.79	17.1	259.7	5.4	255.4
316.1	315.50	-3.24	-17.72	18.0	259.6	5.8	262.7
326.1	325.44	-3.47	-18.72	19.0	259.5	6.5	259.3
330.7	330.01	-3.60	-19.22	19.6	259.4	6.3	258.0



Century GEOPHYSICAL CORP.

27-02

COMPANY : FORDING CO. LTD.
 WELL : 27-02
 LOCATION/FIELD : Eagle Pit
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9055
 9067 5702

149741
 24775.6
 2106.32
PH 2702

DATE : 07/15/98
 DEPTH DRILLER : 288
 LOG BOTTOM : 288.30
 LOG TOP : 0.70

TOWNSHIP :
 PERMANENT DATE :
 LOG MEASURED FROM:
 DEL. MEASURED FROM:

RANGE :
 KB :
 DF :
 CL :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Greenlock

FILE : PROCESSED
 TYPE : 9030AA

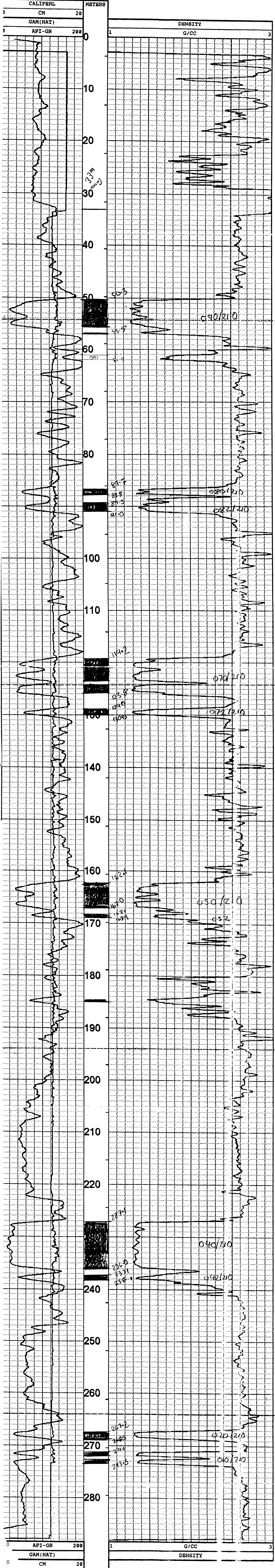
BIT SIZE : 13.333
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

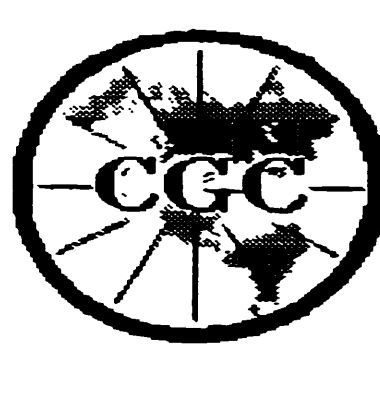
BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

THRESH: 20000

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





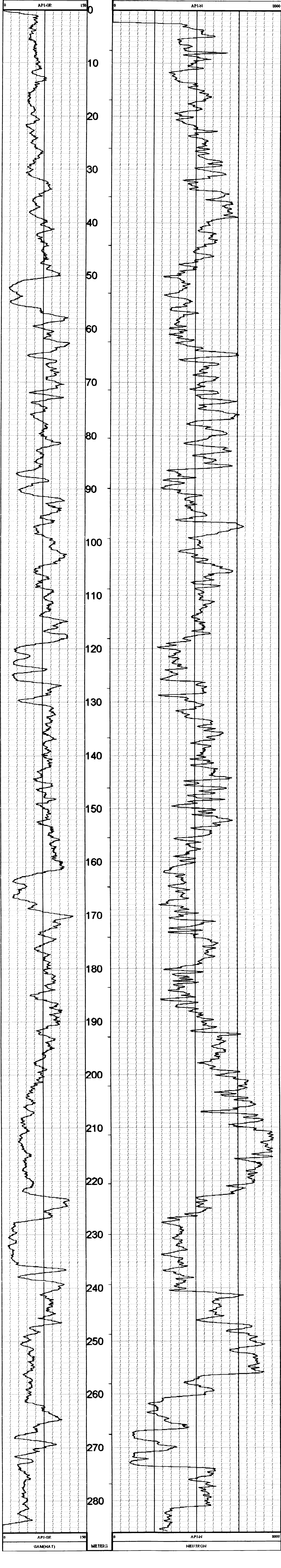
Century GEOPHYSICAL CORP.

27-02

COMPANY : BORDING COAL LTD.	OTHER SERVICES : 9030	
WELL : 27-02	9055	
LOCATION/FIELD : Turn P11		
COUNTY : Elkford		
STATE : BC		
SECTION :	TOWNSHIP :	RANGE :
DATE : 07/15/98	PERMANENT DATUM :	
DEPTH DRILLER : 288	LOG MEASURED FROM :	FB
LOG BOTTOM : 286.00	DEL MEASURED FROM :	DF
LOG TOP : 0.50		GL
CASING DIAMETER : 16	LOGGING UNIT : 9612	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS : 0	RECORDED BY : J Greschuk	
BIT SIZE : 13.333	ROGHOLE FLUID : 0	FILE : ORIGINAL
MAGNETIC DECL. : 19	RM : 0	TYPE : 9067A
MATRIX DENSITY : 2.65	EM TEMPERATURE : 0	
NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 140	
		THRESH: 20000

Logged Through Rods

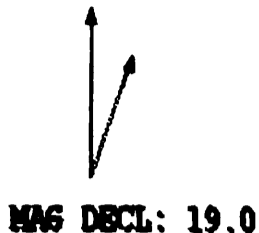
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



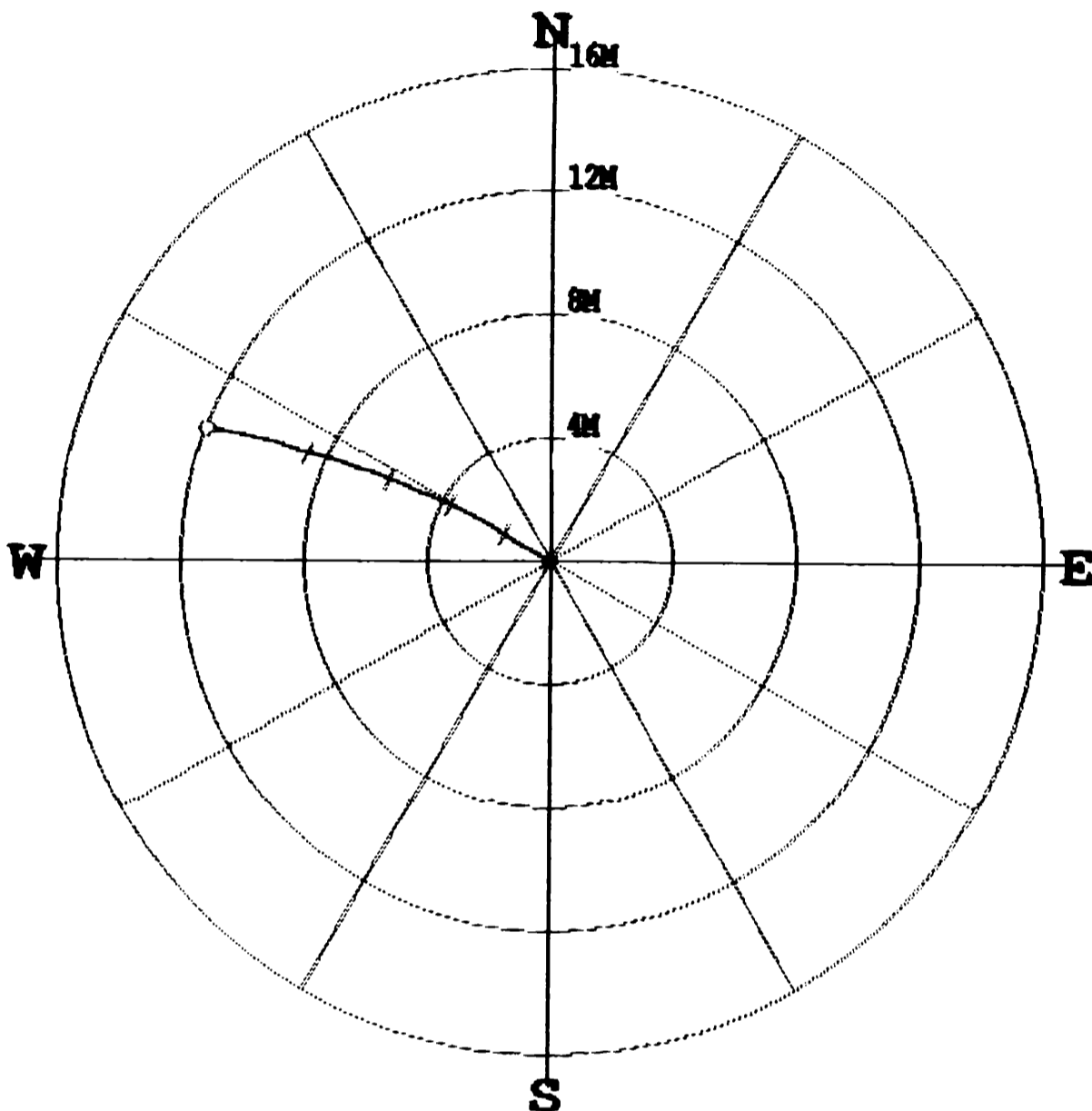
DATE	TIME	0	SENSOR	STANDARD	RESPONSE
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2 Jun12.98	14:06:34		GAM(NAT)	Default [API-GR]	Default [CPS]
1 Jun12.98	14:40:23		NEUTRON	Default [API-N]	Default [CPS]
2 Jun12.98	14:40:23		NEUTRON	271.000 [API-N]	89 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: Eagle Pit
 HOLE ID: 27-02
 DATE OF LOG: 07/15/98
 PROBE: 9055A 238



SCALE: 2 M/CM
 TRUE DEPTH: 290.66 M
 AZIMUTH: 291.1
 DISTANCE: 11.9 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD.	HOLE ID. : 27-02	
FIELD OFFICE : CALGARY	DATE OF LOG : 07/15/98	
DATA FROM :	PROBE : 9055A	238
MAG. DECL. : 19.000	DEPTH UNITS : METERS	
LOG: 27-02_07-15-98_17-11_9055A_.10_43.10_291.30_DEVI.log		

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
44.7	44.70	0.00	-0.00	0.0	292.2	1.1	292.2
53.1	53.10	0.08	-0.17	0.2	295.6	1.5	294.2
63.1	63.09	0.21	-0.42	0.5	296.8	1.8	301.3
73.1	73.09	0.37	-0.70	0.8	298.2	2.0	291.0
83.1	83.08	0.53	-1.00	1.1	298.0	2.2	302.2
93.1	93.08	0.73	-1.30	1.5	299.4	2.3	303.4
103.1	103.07	0.95	-1.63	1.9	300.3	2.4	304.5
113.1	113.06	1.18	-1.99	2.3	300.7	2.3	294.4
123.1	123.05	1.37	-2.35	2.7	300.3	2.7	287.0
133.1	133.04	1.55	-2.69	3.1	300.0	2.1	296.9
143.1	143.04	1.71	-3.02	3.5	299.5	2.4	303.5
153.1	153.03	1.88	-3.38	3.9	299.1	2.4	291.7
163.1	163.02	2.04	-3.75	4.3	298.5	2.4	294.7
173.1	173.01	2.18	-4.12	4.7	297.9	2.5	287.4
183.1	183.00	2.33	-4.50	5.1	297.4	2.7	299.3
193.1	192.99	2.53	-4.93	5.5	297.2	2.6	293.2
203.1	202.98	2.69	-5.38	6.0	296.5	2.8	286.4
213.1	212.97	2.87	-5.85	6.5	296.1	2.9	277.2
223.1	222.95	3.04	-6.35	7.0	295.6	3.4	298.7
233.1	232.94	3.24	-6.89	7.6	295.1	3.4	289.0
243.1	242.92	3.39	-7.45	8.2	294.4	3.5	283.4
253.1	252.90	3.58	-8.08	8.8	293.9	4.8	290.4
263.1	262.86	3.85	-8.85	9.7	293.5	4.8	283.8
273.1	272.83	4.03	-9.65	10.5	292.6	4.7	288.9
283.1	282.79	4.22	-10.48	11.3	291.9	5.0	322.1
291.0	290.66	4.30	-11.13	11.9	291.1	4.7	272.6



Centru GEOPHYSICAL CORP.

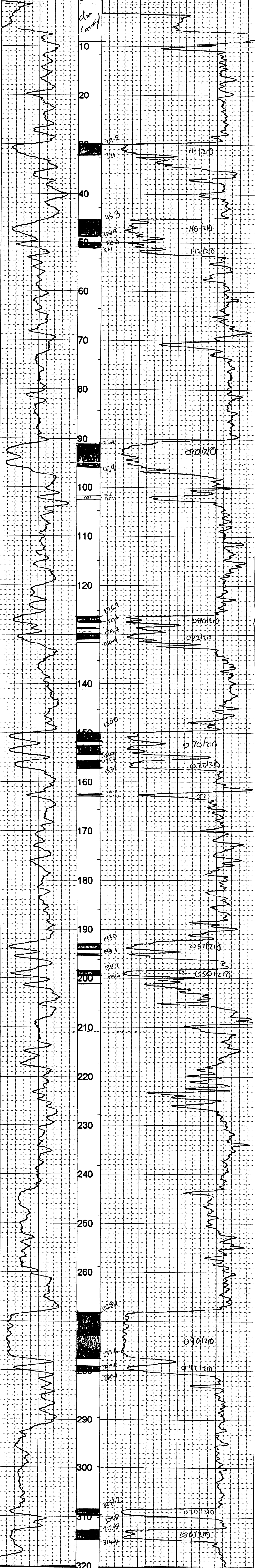
27-03

COMPANY : FORDING COAL LTD. WELL : 27-03 LOCATION/FIELD : EAGLE PIT COUNTY : Elford STATE : BC SECTION :	OTHER SERVICES: 9067 9055 2703	DATE : 07/09/98 DEPTH DRILLER : 321 LOG BOTTOM : 320.30 LOG TOP : 0.80 CASING DIAMETER : 16 CASING TYPE : STEEL CASING THICKNESS : 0 BIT SIZE : 13.355 MAGNETIC DECL. : 19 MATRIX DENSITY : 2.65 NEUTRON MATRIX : SANDSTONE TO WNSHIP : PERMANENT DATUM : LOG MEASURED FROM: DI L MEASURED FROM: LOGGING UNIT : 9612 FIELD OFFICE : CALGARY RECORDED BY : J. Cochrane BOREHOLE FLUID : 0 RM : 0 RM TEMPERATURE : 0 MATRIX DELTA T : 140 RANGE : KB : DF : GL : FILE : ORIGINAL TYPE : 9033AA THRESH: 20000
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PH 2703
 19800.8
 25100.19
 2091.86

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





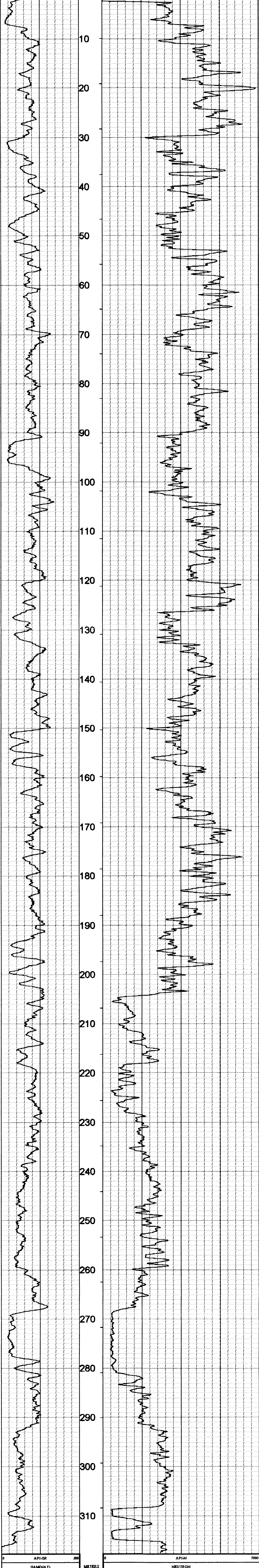
Century GEOPHYSICAL CORP.

27-03

COMPANY : FORDING COAL LTD.	OTHER SERVICES:
WELL : 27-03	9055
LOCATION/FIELD : EAGLE PIT	9030
COUNTY : Elkford	
STATE : BC	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 07/06/98	PERMANENT DATUM :
DEPTH DRILLER : 321	LOG MEASURED FROM: KB :
LOG BOTTOM : 317.70	DRL MEASURED FROM: DF :
LOG TOP : 0.50	
CASING DIAMETER : 16	LOGGING UNIT : 9612
CASING TYPE : STEEL	FIELD OFFICE : CALGARY
CASING THICKNESS: 0	RECORDED BY : S. Cochrane
BIT SIZE : 13.335	BOREHOLE FLUID : 0
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 140
	FILE : ORIGINAL
	TYPE : 9067A
	THRESH: 20000

Logged Through Rods
Bit 2M Off Bottom

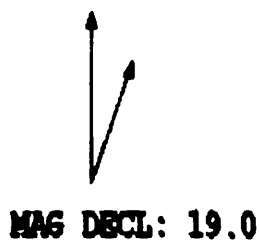
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



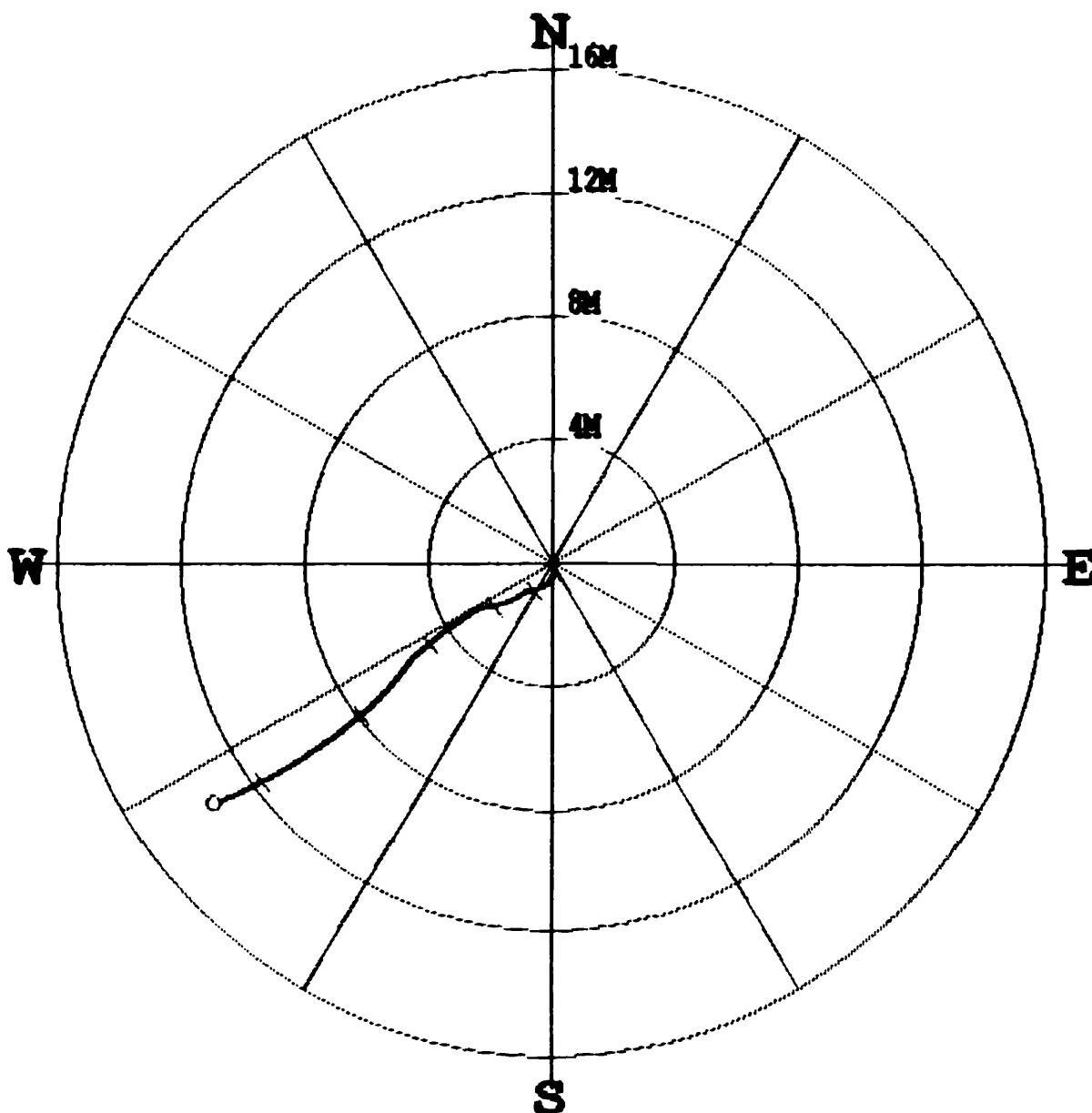
DATE	TIME	S	SENSOR	STANDARD	RESPONSE
0	Jun12,98	14:08:34	GAM(NAT)	Default[API-GR]	Default[CPS]
1	Jun12,98	14:08:34	GAM(NAT)	Default[API-GR]	Default[CPS]
2	Jun12,98	14:40:23	NEUTRON	Default[API-N]	Default[CPS]
	Jun12,98	14:40:23	NEUTRON	271.000 [API-N]	89 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: EAGLE PIT
 HOLE ID: 27-03
 DATE OF LOG: 07/07/98
 PROBE: 9055A 238



SCALE: 2 M/CM
 TRUE DEPTH: 319.88 M
 AZIMUTH: 234.7
 DISTANCE: 13.4 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 27-03
 FIELD OFFICE : CALGARY DATE OF LOG : 07/07/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-03_07-07-98_13-33_9055A_.10_7.70_320.60_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
9.3	9.30	-0.00	-0.00	0.0	183.1	0.7	183.1
17.7	17.70	-0.06	0.02	0.1	162.3	0.5	191.0
27.7	27.70	-0.13	-0.01	0.1	182.1	0.4	194.0
37.7	37.70	-0.17	0.02	0.2	172.5	0.6	127.2
47.7	47.70	-0.26	0.04	0.3	170.9	0.6	182.9
57.7	57.70	-0.38	0.03	0.4	175.0	0.5	187.2
67.7	67.70	-0.53	-0.02	0.5	181.7	1.1	224.5
77.7	77.69	-0.68	-0.14	0.7	191.7	1.3	227.8
87.7	87.69	-0.78	-0.34	0.8	203.7	1.3	250.5
97.7	97.69	-0.84	-0.53	1.0	212.3	1.2	252.0
107.7	107.69	-0.91	-0.74	1.2	219.2	1.0	252.2
117.7	117.69	-1.01	-0.93	1.4	222.6	1.4	229.5
127.7	127.68	-1.16	-1.17	1.6	225.4	1.8	250.0
137.7	137.68	-1.28	-1.46	1.9	228.9	1.9	244.5
147.7	147.67	-1.38	-1.81	2.3	232.7	2.2	261.9
157.7	157.66	-1.44	-2.17	2.6	236.4	2.1	253.6
167.7	167.66	-1.56	-2.52	3.0	238.2	2.3	248.7
177.7	177.64	-1.84	-2.89	3.4	237.6	3.0	232.1
187.7	187.63	-2.16	-3.36	4.0	237.2	3.5	231.2
197.7	197.61	-2.53	-3.83	4.6	236.5	3.5	232.2
207.7	207.59	-2.91	-4.28	5.2	235.8	3.1	227.0
217.7	217.58	-3.33	-4.68	5.7	234.6	3.5	218.9
227.7	227.56	-3.80	-5.05	6.3	233.1	3.4	216.3
237.7	237.54	-4.29	-5.48	7.0	232.0	3.9	219.2
247.7	247.51	-4.79	-6.02	7.7	231.5	4.2	225.7
257.7	257.48	-5.26	-6.58	8.4	231.4	4.6	232.2
267.7	267.45	-5.72	-7.18	9.2	231.4	4.4	239.9
277.7	277.42	-6.13	-7.82	9.9	231.9	4.6	238.0
287.7	287.39	-6.55	-8.45	10.7	232.2	4.3	231.8
297.7	297.36	-6.93	-9.16	11.5	232.9	4.8	242.4
307.7	307.33	-7.29	-9.90	12.3	233.6	4.9	242.5
317.7	317.29	-7.65	-10.69	13.1	234.4	5.2	247.5
320.3	319.88	-7.73	-10.91	13.4	234.7	4.8	241.9



Century GEOPHYSICAL CORP.

27-04

PM 2704

COMPANY : FORDING COAL LTD.
 WELL : 27-04
 LOCATION/FIELD : Eagle Pit
 COUNTY : Elbert
 STATE : BC
 SECTION :

DATE : 07/12/98
 DEPTH DRILLER : 378
 LOG BOTTOM : 377.80
 LOG TOP : 0.70

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

BIT SIZE : 13.335
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

OTHER SERVICES
 9067
 9055
2704

TOWNSHIP :
 PERMANENT DATUM :
 LOG MEASURED FROM :
 DRL MEASURED FROM :

RANGE :
 KB :
 DF :
 GL :

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J. Cochran

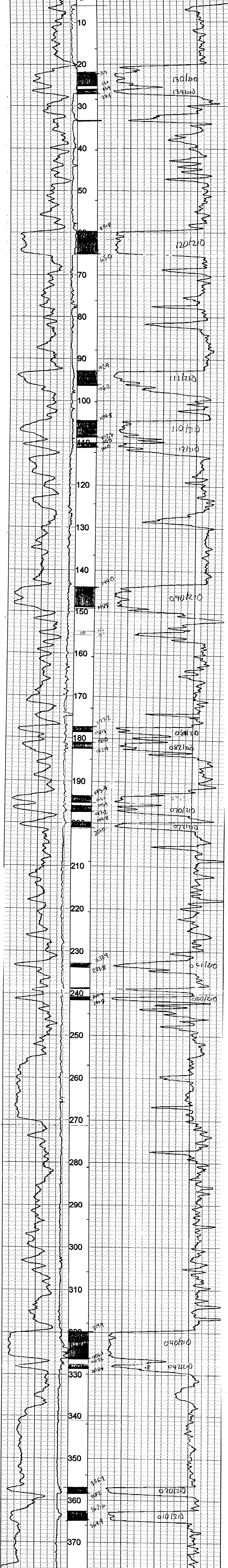
BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

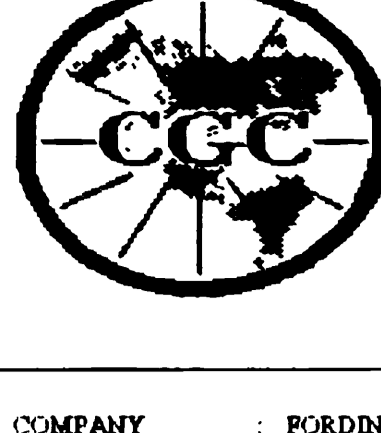
FILE : ORIGINAL
 TYPE : 9033AA

THRESH: 20000

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





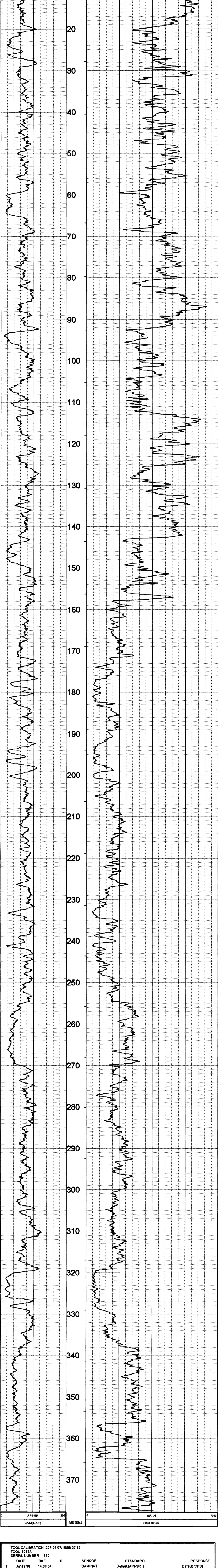
Century GEOPHYSICAL CORP.

227-04

COMPANY : FORDING COAL LTD.	OTHER SERVICES:	
WELL : 227-04	9030	
LOCATION/FIELD : EAGLE PIT	9055	
COUNTY : Elmford		
STATE : BC		
SECTION :	TOWNSHIP :	RANGE :
DATE : 07/10/98	PERMANENT DATUM :	
DEPTH DRILLER : 378		KB :
LOG BOTTOM : 377.80	LOG MEASURED FROM:	DF :
LOG TOP : 0.60	DRL MEASURED FROM:	GL :
CASING DIAMETER : 16	LOGGING UNIT : 9612	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS : 0	RECORDED BY : S. Cochrane	
BT SIZE : 13.335	BORHOLE FLUID : 0	FILE : ORIGINAL
MAGNETIC DECL. : 19	RM : 0	TYPE : 9067A
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0	
NEUTRON MATRIX : SANDSTONE	MATRIX DELTAT : 140	
		THRESH: 20000

Logged Through Rods

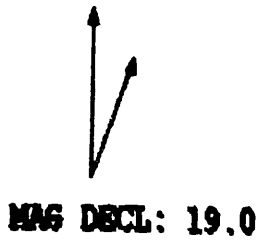
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



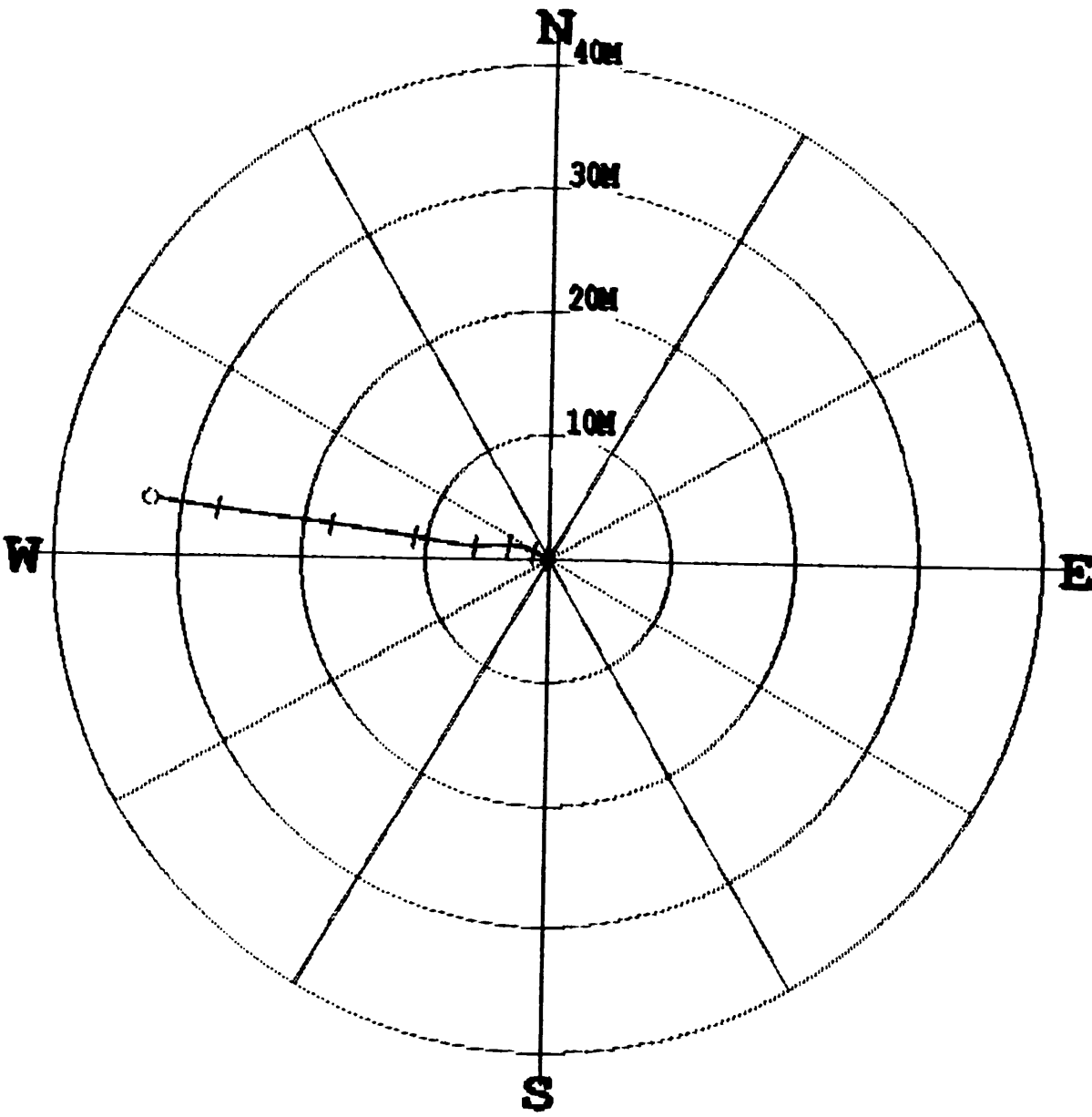
TOOL CALIBRATION 227-04 07/10/98 07:56			
TOOL 9067A			
SERIAL NUMBER 612			
DATE	TIME	0	
1	Jun12,98	14:06:34	GAM(NAT) Default [API-GR]
	Jun12,98	14:06:34	GAM(NAT) Default [API-GR]
2	Jun12,98	14:40:23	NEUTRON Default [API-N]
	Jun12,98	14:40:23	NEUTRON 271.000 [API-N]
			RESPONSE
			Default [CPS]
			Default [CPS]
			Default [CPS]
			88 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: Eagle Pit
 HOLE ID: 27-04
 DATE OF LOG: 07/12/98
 PROBE: 9055A 238



SCALE: 5 M/CM
 TRUE DEPTH: 375.92 M
 AZIMUTH: 278.2
 DISTANCE: 32.4 M
 + = 50 M INCR
 O = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 27-04
 FIELD OFFICE : CALGARY DATE OF LOG : 07/12/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-04_07-12-98_16-02_9055A_.10_15.40_378.50_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
17.0	17.00	0.00	-0.00	0.0	303.2	0.3	303.2
25.4	25.40	0.05	-0.05	0.1	315.8	0.5	321.1
35.4	35.40	0.15	-0.08	0.2	332.7	0.6	353.7
45.4	45.40	0.19	-0.14	0.2	324.7	0.6	305.2
55.4	55.40	0.25	-0.30	0.4	310.1	1.4	273.1
65.4	65.40	0.32	-0.47	0.6	303.9	1.1	301.0
75.4	75.39	0.41	-0.69	0.8	300.9	1.4	304.8
85.4	85.39	0.48	-0.89	1.0	298.6	1.3	281.4
95.4	95.39	0.57	-1.11	1.2	297.0	1.6	291.0
105.4	105.38	0.66	-1.35	1.5	295.9	1.3	280.9
115.4	115.38	0.78	-1.61	1.8	295.8	2.1	293.8
125.4	125.37	0.91	-1.97	2.2	294.8	2.4	287.1
135.4	135.36	1.02	-2.41	2.6	292.8	2.9	278.1
145.4	145.35	1.08	-2.97	3.2	290.0	3.1	274.1
155.4	155.33	1.11	-3.52	3.7	287.5	3.0	265.9
165.4	165.32	1.12	-4.03	4.2	285.5	2.7	275.3
175.4	175.31	1.10	-4.47	4.6	283.9	2.6	257.7
185.4	185.29	1.04	-5.01	5.1	281.8	3.4	265.1
195.4	195.27	1.04	-5.66	5.8	280.4	3.8	267.9
205.4	205.24	1.07	-6.40	6.5	279.5	4.5	272.2
215.4	215.21	1.15	-7.21	7.3	279.1	5.0	285.2
225.4	225.16	1.29	-8.14	8.2	279.0	6.0	279.7
235.4	235.11	1.43	-9.16	9.3	278.9	6.2	282.4
245.4	245.05	1.63	-10.27	10.4	279.0	6.6	288.2
255.4	254.97	1.83	-11.46	11.6	279.0	7.0	274.3
265.4	264.89	2.01	-12.68	12.8	279.0	6.7	263.8
275.4	274.81	2.16	-13.95	14.1	278.8	7.5	280.9
285.4	284.72	2.39	-15.30	15.5	278.9	8.0	279.5
295.4	294.61	2.58	-16.74	16.9	278.8	8.8	283.6
305.4	304.47	2.82	-18.35	18.6	278.7	9.6	277.6
315.4	314.32	3.05	-20.08	20.3	278.6	10.4	278.8
325.4	324.15	3.24	-21.88	22.1	278.4	10.5	277.9
335.4	333.98	3.45	-23.71	24.0	278.3	11.1	281.8
345.4	343.79	3.73	-25.59	25.9	278.3	11.1	279.7
355.4	353.61	3.96	-27.48	27.8	278.2	11.5	279.8
365.4	363.41	4.24	-29.46	29.8	278.2	12.2	279.9
375.4	373.18	4.54	-31.53	31.9	278.2	12.3	277.5
378.2	375.92	4.63	-32.11	32.4	278.2	12.4	281.0



Century GEOPHYSICAL CORP.

27-05

COMPANY : FORDING COAL LTD.
 WELL : 27-05
 LOCATION/FIELD : Eagle Pit
 COUNTY : Elford
 STATE : BC
 SECTION :
 DATE : 07/14/98
 DEPTH DRILLER : JRG
 LOG BOTTOM : 387.40
 LOG TOP : 0.80
 CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0
 BIT SIZE : 13.335
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON DENSITY : SANDSTONE

OTHER JOB NUMBER

9055 2709
9067

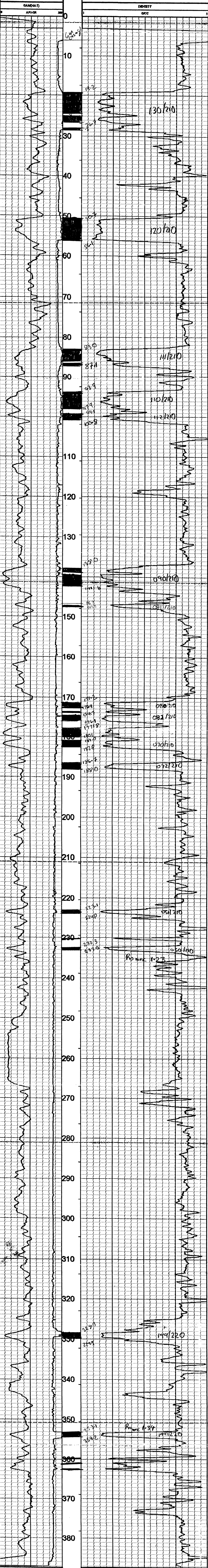
149600
25399.05
2104.08

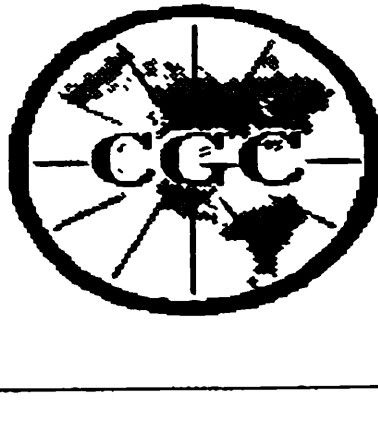
27-05

TOWNSHIP : RANGE :
 PERMANENT DATUM : KB :
 LOG MEASURED FROM : DF :
 DEL. MEASURED FROM : CL :
 LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J. Ockema
 BOREHOLE FLUID : 0 FILE : ORIGINAL
 RM : 0 TYPE : 9033AA
 RM TEMPERATURE : 0
 MATRIX DENSITY : 140
 THRESH: 20000

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





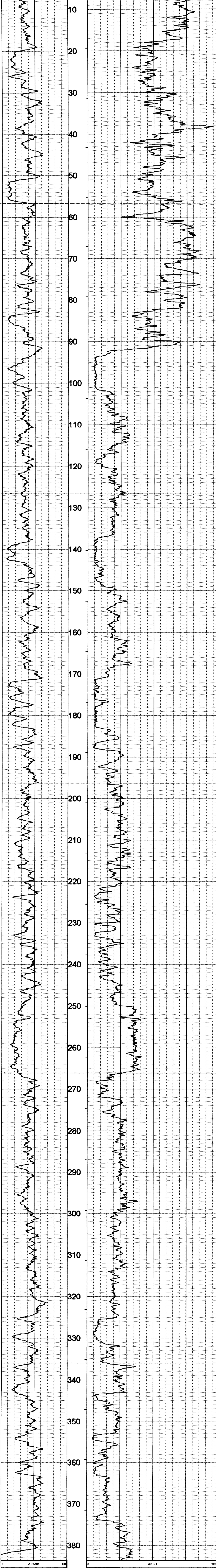
Centrux GEOPHYSICAL CORP.

27-05

COMPANY : FORDING COAL LTD.	OTHER SERVICES : 9030	
WELL : 27-05	9055	
LOCATION/FIELD : Eagle Pit		
COUNTY : Elfrord		
STATE : BC		
SECTION :	TOWNSHIP :	RANGE :
DATE : 07/13/98	PERMANENT DATUM :	
DEPTH DRILLER : 386	LOG MEASURED FROM: KB :	
LOG BOTTOM : 383.70	DRL MEASURED FROM: DF :	
LOG TOP : 0.80		GL :
CASING DIAMETER : 16	LOGGING UNIT : 9612	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS : 0	RECORDED BY : S. Cochrane	
BIT SIZE : 13.335	BOREHOLE FLUID : 0	FILE : ORIGINAL
MAGNETIC DECL. : 19	RM : 0	TYPE : 9067A
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0	
NEUTRON MATRIX : SANDSTONE	MATRIX DELTAT : 140	THRESH: 20000

Logged Through Rods
Bit 2M Off Bottom

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION 27-06 07/13/98 12:18					
TOOL 9067A					
SERIAL NUMBER 512					
DATE	TIME	DEUTR	SENSOR	STANDARD	RESPONSE
1	Jun12.98	14:06:34	GAM(NAT)	Default [API-GR]	Default [CPS]
	Jun12.98	14:06:34	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jun12.98	14:40:23	NEUTRON	Default [API-N]	Default [CPS]
	Jun12.98	14:40:23	NEUTRON	271.000 [API-N]	88 [CPS]

***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : FORDING COAL LTD. HOLE ID. : 27-05
 FIELD OFFICE : CALGARY DATE OF LOG : 07/14/98
 DATA FROM : PROBE : 9055A , 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-05_07-14-98_09-48_9055A_.10_15.20_388.50_DEVI.log

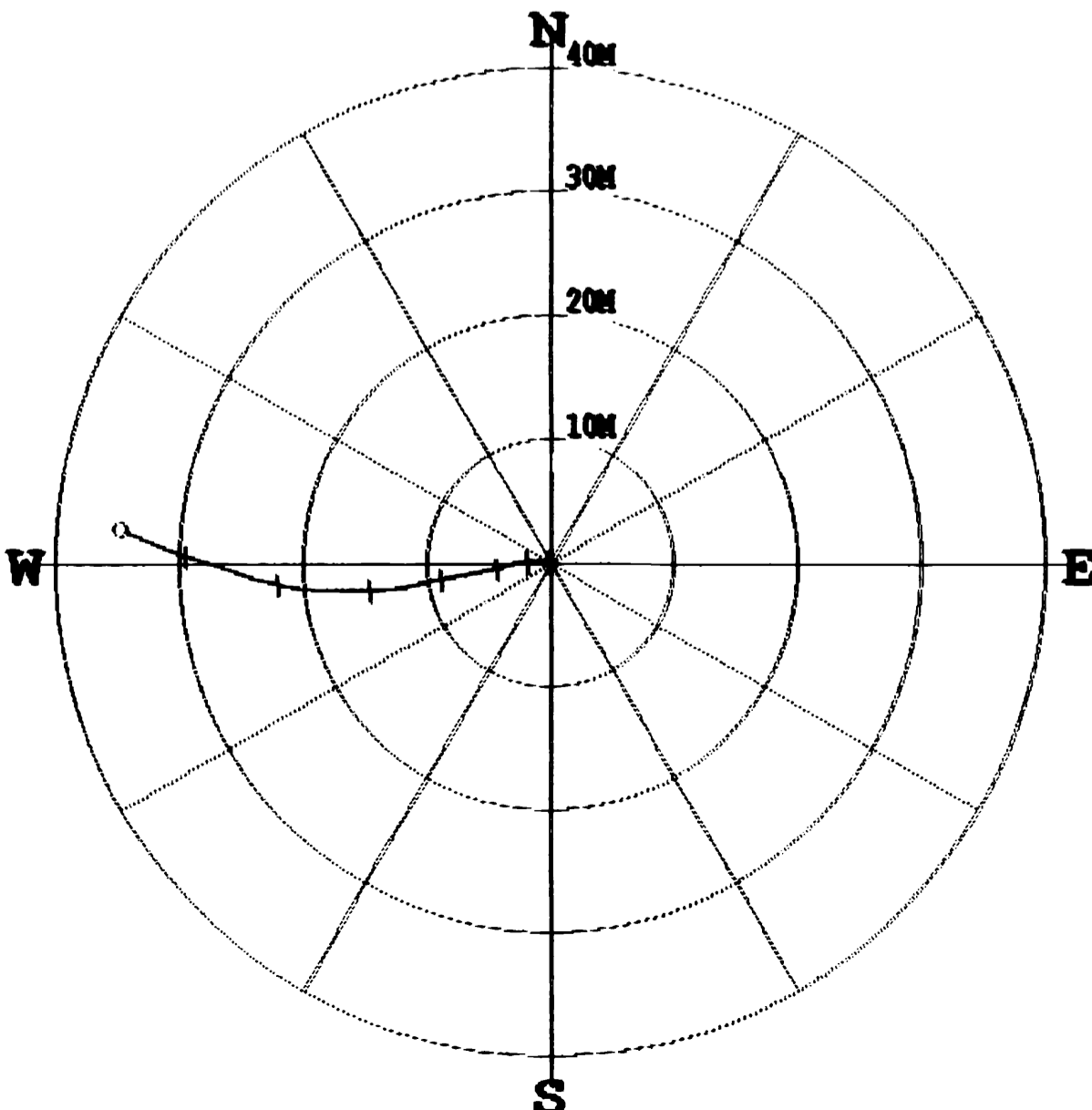
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
16.8	16.80	-0.00	-0.00	0.0	267.8	0.2	267.8
25.2	25.20	0.03	-0.05	0.1	298.6	0.7	312.4
35.2	35.20	0.10	-0.11	0.2	312.4	0.5	338.8
45.2	45.20	0.14	-0.20	0.2	304.4	1.0	284.8
55.2	55.20	0.17	-0.42	0.4	291.8	1.5	276.8
65.2	65.19	0.19	-0.69	0.7	285.3	1.8	269.5
75.2	75.19	0.19	-1.00	1.0	280.6	1.9	269.6
85.2	85.18	0.20	-1.36	1.4	278.3	2.1	269.7
95.2	95.17	0.17	-1.75	1.8	275.6	2.3	262.3
105.2	105.16	0.10	-2.17	2.2	272.7	2.6	258.9
115.2	115.16	0.02	-2.58	2.6	270.5	2.3	257.4
125.2	125.15	-0.08	-3.01	3.0	268.5	2.5	251.0
135.2	135.13	-0.19	-3.49	3.5	266.9	3.3	263.2
145.2	145.12	-0.32	-4.07	4.1	265.5	3.7	255.4
155.2	155.09	-0.49	-4.76	4.8	264.1	4.5	253.9
165.2	165.05	-0.66	-5.58	5.6	263.3	4.9	257.2
175.2	175.01	-0.81	-6.48	6.5	262.8	5.4	260.6
185.2	184.97	-0.99	-7.41	7.5	262.4	5.5	259.6
195.2	194.92	-1.19	-8.36	8.4	261.9	5.6	261.6
205.2	204.87	-1.37	-9.33	9.4	261.7	5.8	257.8
215.2	214.81	-1.56	-10.38	10.5	261.5	5.9	261.4
225.2	224.75	-1.82	-11.46	11.6	261.0	6.6	258.0
235.2	234.68	-2.01	-12.63	12.8	261.0	7.0	264.8
245.2	244.60	-2.10	-13.89	14.0	261.4	7.5	270.9
255.2	254.51	-2.12	-15.23	15.4	262.1	7.9	265.4
265.2	264.40	-2.12	-16.65	16.8	262.7	8.9	269.8
275.2	274.29	-2.09	-18.14	18.3	263.4	8.2	263.7
285.2	284.18	-2.04	-19.62	19.7	264.1	8.2	269.6
295.2	294.07	-1.84	-21.11	21.2	265.0	9.2	273.2
305.2	303.94	-1.51	-22.67	22.7	266.2	9.1	276.6
315.2	313.82	-1.12	-24.18	24.2	267.4	8.4	286.1
325.2	323.71	-0.66	-25.56	25.6	268.5	8.8	293.1
335.2	333.59	-0.16	-27.03	27.0	269.7	8.7	285.9
345.2	343.46	0.32	-28.51	28.5	270.6	9.0	288.6
355.2	353.34	0.78	-29.99	30.0	271.5	10.1	301.5
365.2	363.22	1.33	-31.43	31.5	272.4	8.5	291.2
375.2	373.11	1.89	-32.80	32.9	273.3	8.4	291.7
385.2	382.99	2.52	-34.22	34.3	274.2	9.8	302.4
388.2	385.94	2.74	-34.68	34.8	274.5	9.9	294.8

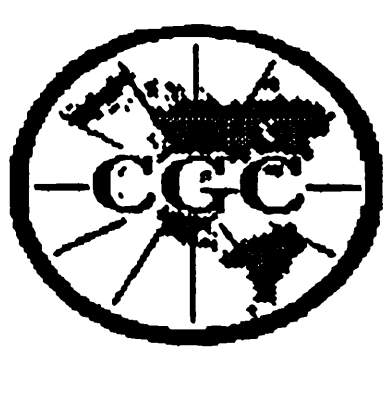
**PLAN VIEW
COMPU-LOG DEVIATION**

CLIENT: FORDING COAL LTD.
 LOCATION: Eagle Pit
 HOLE ID: 27-05
 DATE OF LOG: 07/14/98
 PROBE: 9055A 238



SCALE: 5 M/CM
 TRUE DEPTH: 385.94 M
 AZIMUTH: 274.5
 DISTANCE: 34.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE





Central GEOPHYSICAL CORP.

27-06

COMPANY : FORDING COAL LTD.
 WELL : 27-06
 LOCATION/FIELD : EAGLE PIT
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:

9067
9053

2706

149500
24997.94
2108.14

PH 2706

DATE : 07/06/98
 DEPTH DRILLER : 282
 LOG BOTTOM : 281.80
 LOG TOP : 0.90

TOWNSHIP :

RANGE :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
DF :
GL :

BIT SIZE : 13.335
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : S. Cochrane

BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

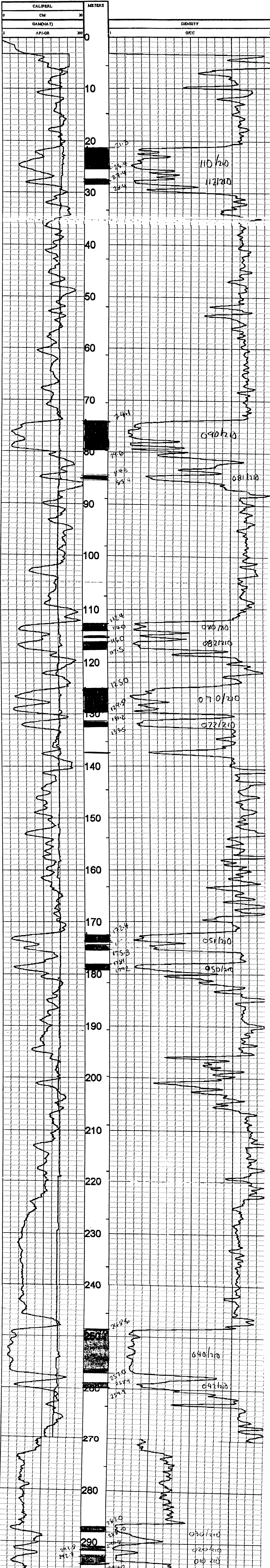
FILE : ORIGINAL

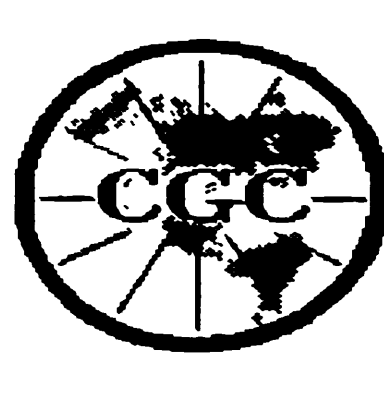
TYPE : 9030AA

THRESH: 20000

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





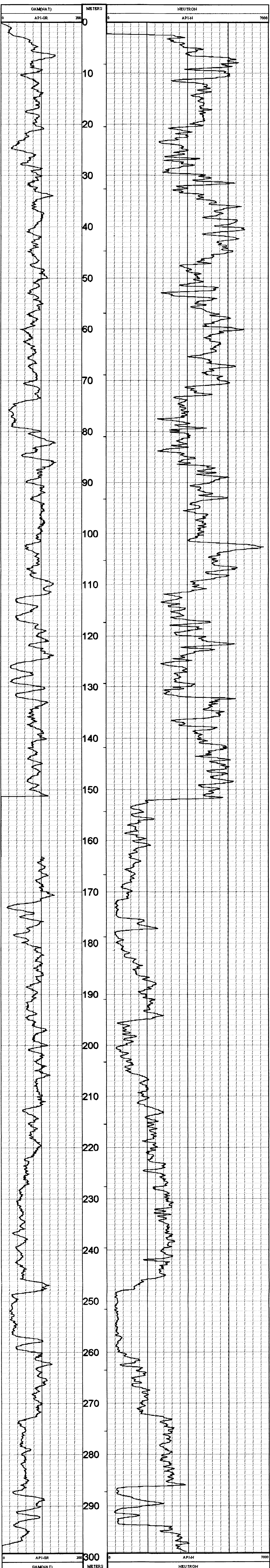
Centruy GEOPHYSICAL CORP.

27-06(Repeat)

COMPANY : FORDING COAL LTD.	OTHER SERVICES : 9055
WELL : 27-06(Repeat)	9030
LOCATION/FIELD : EAGLE PIT	
COUNTY : Elford	
STATE : BC	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 07/10/98	PERMANENT DATUM :
DEPTH DRILLER : 300	LOG MEASURED FROM: KB :
LOG BOTTOM : 299.30	DRL MEASURED FROM: DF :
LOG TOP : 0.50	GL :
CASING DIAMETER : 16	LOGGING UNIT : 9612
CASING TYPE : STEEL	FIELD OFFICE : CALGARY
CASING THICKNESS: 0	RECORDED BY : J. Cochran
BIT SIZE : 13.335	BOREHOLE FLUID : 0
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : SANDSTONE	MATRIX DELTAT : 140
	FILE : ORIGINAL
	TYPE : 9067A
	THRESH: 20000

Logged Through Rods

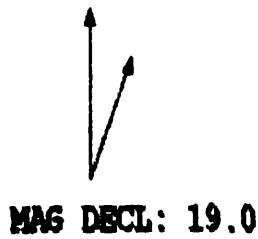
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



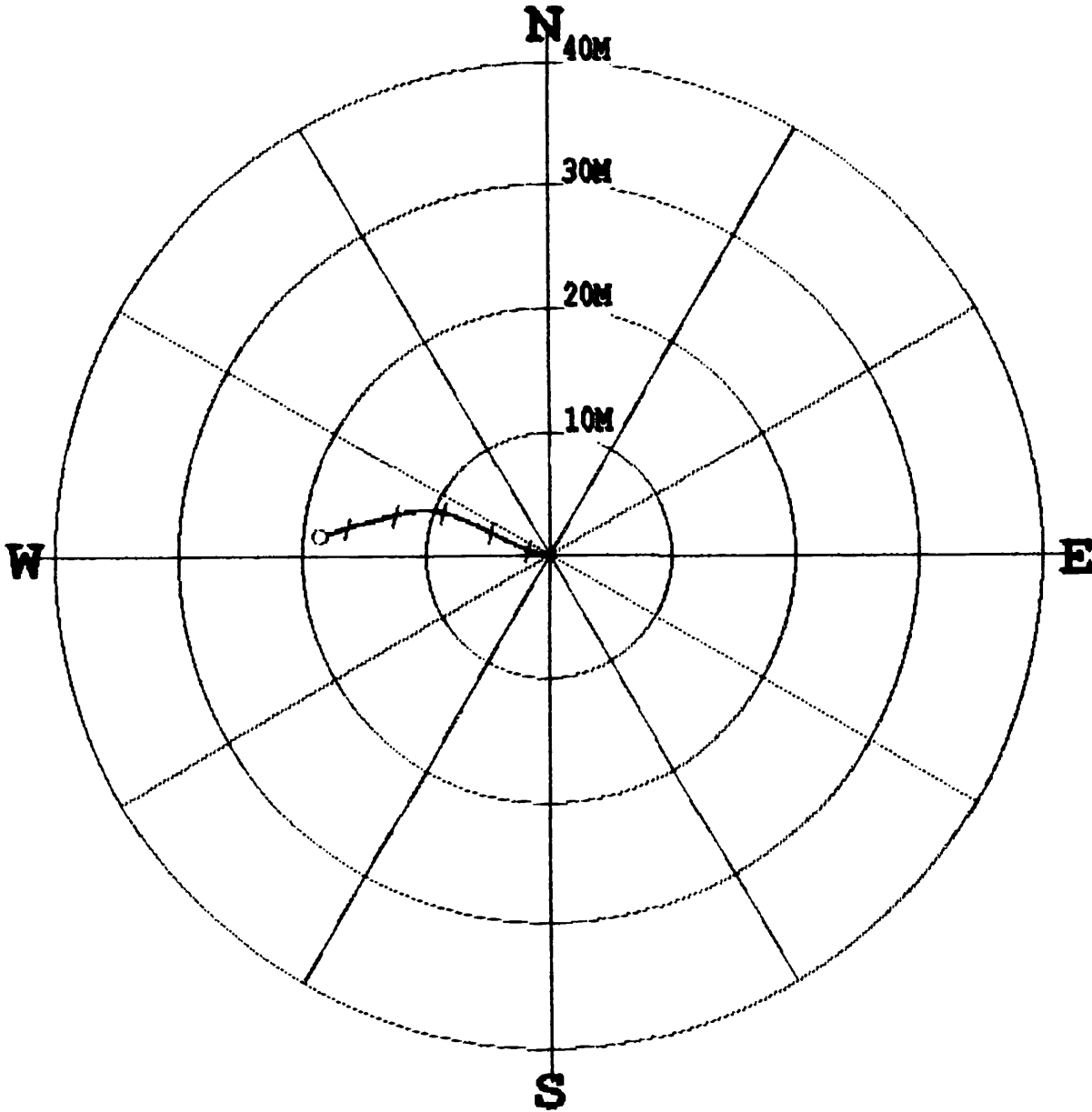
TOOL CALIBRATION 27-06(Repeat) 07/10/98 18:52					
TOOL 9067A					
SERIAL NUMBER	DATE	TIME	SENSOR	STANDARD	RESPONSE
512	1 Jun12,98	14:06:34	GAM(NAT)	Default [API-GR]	Default [CPS]
	2 Jun12,98	14:06:34	GAM(NAT)	Default [API-GR]	Default [CPS]
	2 Jun12,98	14:40:23	NEUTRON	Default [API-N]	Default [CPS]
	2 Jun12,98	14:40:23	NEUTRON	271.000 [API-N]	58 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: EAGLE PIT
 HOLE ID: 27-06
 DATE OF LOG: 07/06/98
 PROBE: 9055A 238



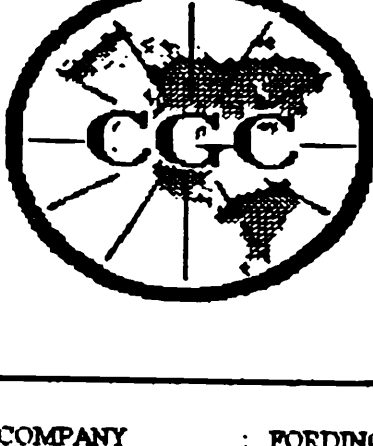
SCALE: 5 M/CM
 TRUE DEPTH: 280.76 M
 AZIMUTH: 274.9
 DISTANCE: 18.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 27-06
 FIELD OFFICE : CALGARY DATE OF LOG : 07/06/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-06_07-06-98_08-41_9055A_.10_7.90_281.80_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
9.5	9.50	-0.00	-0.00	0.0	267.2	1.9	267.2
17.9	17.89	0.02	-0.29	0.3	274.1	1.9	283.0
27.9	27.89	0.10	-0.73	0.7	277.9	2.5	286.0
37.9	37.88	0.21	-1.14	1.2	280.3	2.5	279.1
47.9	47.86	0.34	-1.60	1.6	282.0	3.0	287.0
57.9	57.85	0.53	-2.11	2.2	284.0	3.3	293.5
67.9	67.83	0.80	-2.69	2.8	286.5	4.0	301.3
77.9	77.80	1.11	-3.30	3.5	288.6	3.9	303.3
87.9	87.78	1.42	-3.93	4.2	289.8	4.3	299.4
97.9	97.75	1.76	-4.59	4.9	291.0	4.5	297.0
107.9	107.72	2.14	-5.29	5.7	292.0	4.5	290.5
117.9	117.68	2.52	-6.04	6.5	292.7	5.0	294.9
127.9	127.65	2.87	-6.83	7.4	292.8	4.9	298.8
137.9	137.61	3.21	-7.60	8.3	292.9	4.7	286.1
147.9	147.58	3.45	-8.37	9.1	292.4	4.7	284.7
157.9	157.55	3.62	-9.14	9.8	291.6	4.6	276.4
167.9	167.51	3.66	-9.93	10.6	290.2	4.6	263.0
177.9	177.48	3.63	-10.77	11.4	288.6	4.8	265.4
187.9	187.45	3.51	-11.55	12.1	286.9	4.5	263.3
197.9	197.42	3.39	-12.29	12.7	285.4	4.4	256.8
207.9	207.39	3.20	-13.02	13.4	283.8	4.6	254.0
217.9	217.36	2.99	-13.78	14.1	282.2	4.6	256.2
227.9	227.32	2.78	-14.54	14.8	280.8	4.7	262.7
237.9	237.29	2.55	-15.32	15.5	279.5	4.6	243.6
247.9	247.26	2.33	-16.09	16.3	278.3	4.8	242.0
257.9	257.23	2.09	-16.81	16.9	277.1	4.0	248.5
267.9	267.20	1.87	-17.50	17.6	276.1	4.3	247.0
277.9	277.17	1.64	-18.25	18.3	275.2	4.7	254.3
281.5	280.76	1.59	-18.52	18.6	274.9	4.5	250.9



Century GEOPHYSICAL CORP.

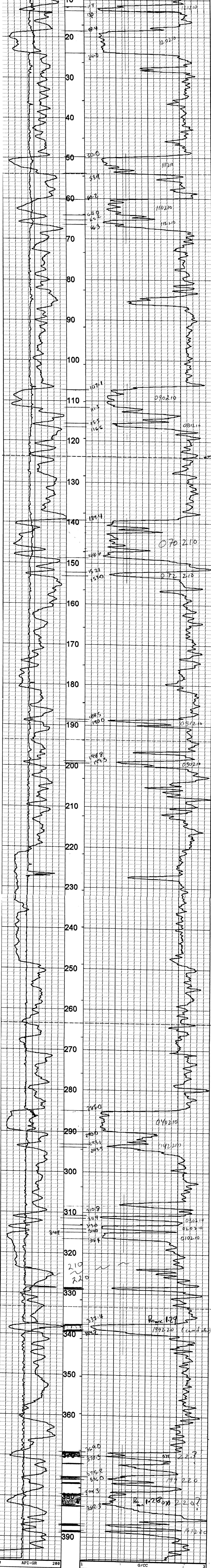
2707

RH 2707

COMPANY : FORDING COAL LTD.	OTHER SERVICES: 9051 9055	2707	149400.1 25450.04 2089.26
WELL : 2707			
LOCATION/FIELD : Eagle Pit			
COUNTY : Elkford			
STATE : BC			
SECTION :	TOWNSHIP	RANGE	
DATE : 08/21/98	PERMANENT DATUM :		
DEPTH DRILLER : 396	LOG MEASURED FROM:	KB :	
LOG BOTTOM : 395.80	DRL MEASURED FROM:	DF :	
LOG TOP : 0.80		OL :	
CASING DIAMETER : 16	LOGGING UNIT : 9612		
CASING TYPE : STEEL	FIELD OFFICE : CALGARY		
CASING THICKNESS: 0	RECORDED BY : J Greshuk		
BIT SIZE : 13.335	BOREHOLE FLUID : 0	FILE : PROCESSED	
MAGNETIC DECL : 19	RM : 0	TYPE : 9030AA	
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0		
NEUTRON MATRIX : SANDSTONE	MATRIX DELTAT : 140		
		THRESH: 20000	

Open Hole Density

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





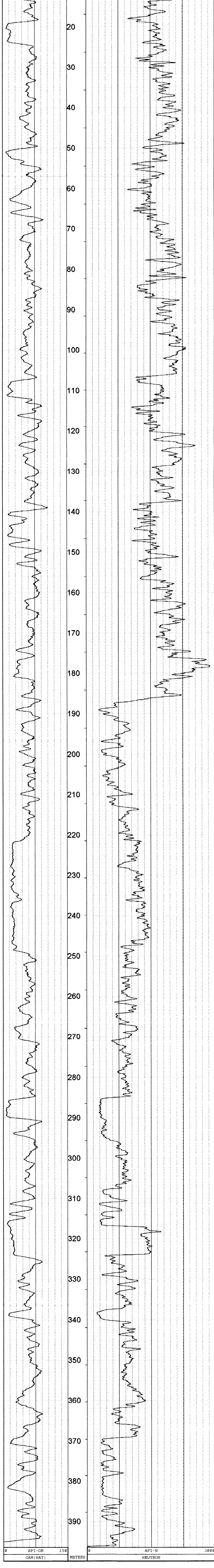
Century GEOPHYSICAL CORP.

2707

COMPANY	POEDING COAL LTD.	OTHER SERVICES	
WELL	2707	9055	
LOCATION/FIELD	Engle Pit	9050	
COUNTY	Elkford		
STATE	BC		
SECTION		TOWNSHIP	RANGE
DATE	08/21/98	PERMANENT DATUM	
DEPTH DEILER	396	LOG MEASURED FROM	EE
LOG BOTTOM	396.20	DEL MEASURED FROM	DF
LOG TOP	0.60		GL
CASING DIAMETER	16	LOGGING UNIT	9612
CASING TYPE	STEEL	FIELD OFFICE	CALGARY
CASING THICKNESS	0	RECORDED BY	J Greshak
RIT SIZE	13.333	BOREHOLE FLUID	0
MAGNETIC DECL	19		FILE ORIGINAL
MATRIX DENSITY	2.65	RM TEMPERATURE	0
NEUTRON MATRIX	SANDSTONE	MATRIX DELTA T	140
			TYPE 9051A
			THRESH. 20000

Logged Through Rods
Neutron

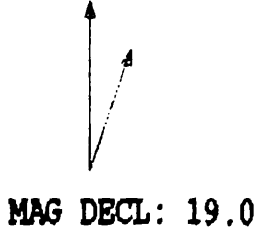
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



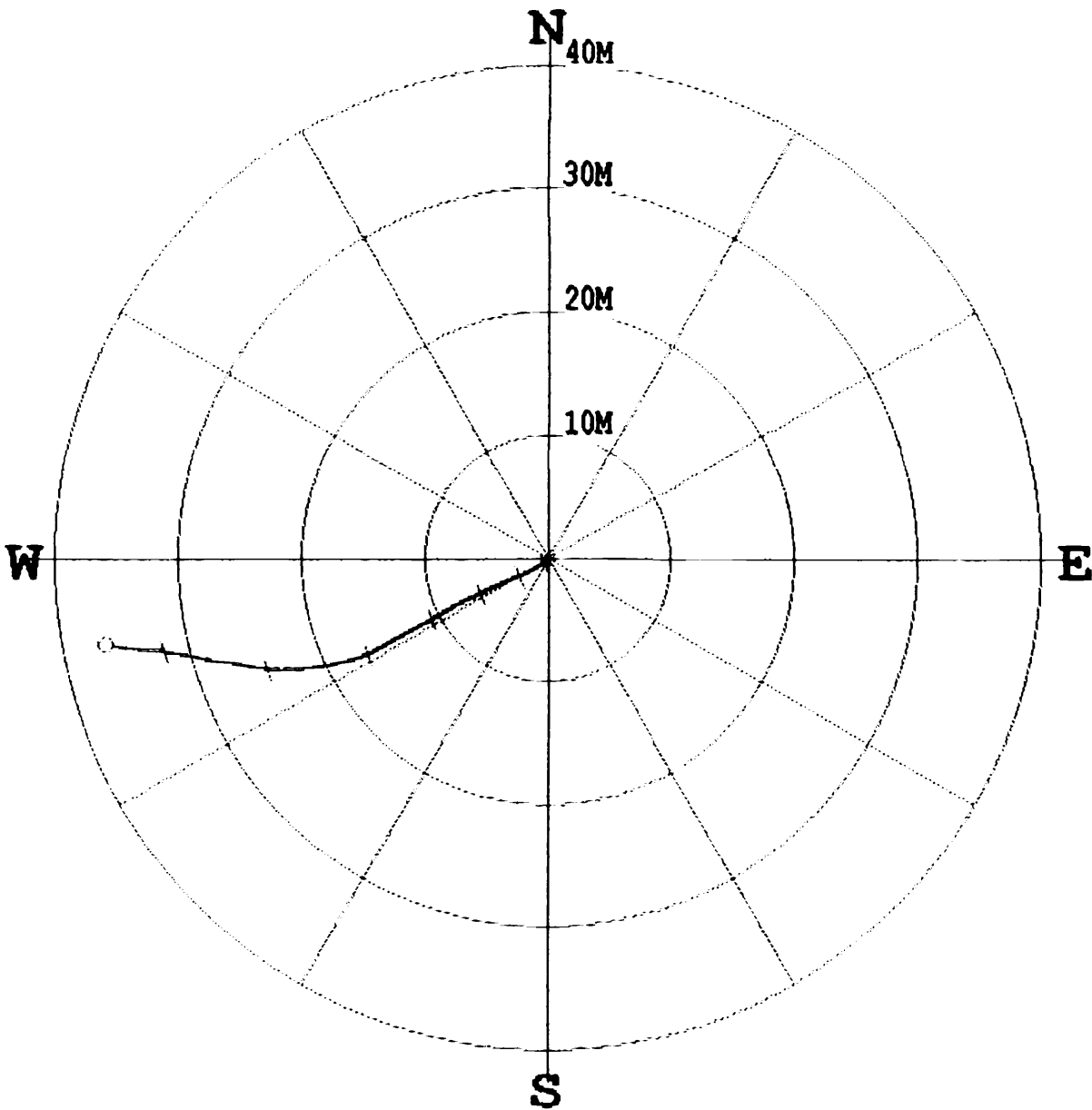
TOOL CALIBRATION 2707 08/21/98 00 24				
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jul18.98 16:29:19	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jul18.98 17:14:01	NEUTRON	Default [API-N]	Default [CPS]
3	Jul18.98 16:29:19	CCL	271 000 [APN]	182 [CPS]
	Jul18.98 16:29:19		Default [DELT-CPS]	Default [CPS]
	Jul18.98 16:29:19		Default [DELT-CPS]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: Eagle Pit
 HOLE ID: 2707
 DATE OF LOG: 08/21/98
 PROBE: 9055A 238



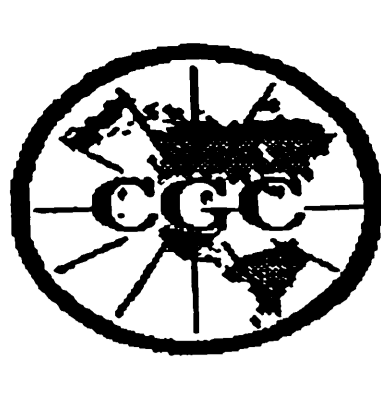
SCALE: 5 M/CM
 TRUE DEPTH: 396.00 M
 AZIMUTH: 259.1
 DISTANCE: 36.5 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT	: FORDING COAL LTD.	HOLE ID.	: 2707
FIELD OFFICE	: CALGARY	DATE OF LOG	: 08/21/98
DATA FROM	:	PROBE	: 9055A 238
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG:	2707_08-21-98_06-14_9055A_10_15.20_396.10_DEVI.log		

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
16.8	16.80	-0.00	-0.00	0.0	182.7	0.3	182.7
25.2	25.20	-0.07	-0.02	0.1	193.6	0.4	209.4
35.2	35.20	-0.15	-0.09	0.2	212.6	0.8	238.6
45.2	45.20	-0.28	-0.24	0.4	221.3	1.5	226.7
55.2	55.19	-0.45	-0.46	0.6	225.4	1.8	240.5
65.2	65.19	-0.62	-0.75	1.0	230.4	2.0	233.6
75.2	75.18	-0.83	-1.13	1.4	233.7	2.6	247.7
85.2	85.17	-1.06	-1.57	1.9	236.0	3.0	245.1
95.2	95.15	-1.28	-2.09	2.5	238.4	3.5	249.6
105.2	105.13	-1.52	-2.66	3.1	240.2	3.8	266.1
115.2	115.11	-1.76	-3.24	3.7	241.5	3.7	245.2
125.2	125.09	-2.05	-3.87	4.4	242.1	3.9	252.4
135.2	135.06	-2.33	-4.49	5.1	242.6	4.0	245.7
145.2	145.04	-2.63	-5.16	5.8	243.0	4.0	242.5
155.2	155.01	-2.98	-5.84	6.6	243.0	4.9	244.2
165.2	164.97	-3.30	-6.59	7.4	243.4	5.0	240.5
175.2	174.93	-3.70	-7.36	8.2	243.3	5.0	242.1
185.2	184.89	-4.15	-8.14	9.1	243.0	5.6	242.1
195.2	194.84	-4.62	-8.98	10.1	242.8	5.8	231.5
205.2	204.79	-5.15	-9.88	11.1	242.5	6.0	234.9
215.2	214.73	-5.69	-10.82	12.2	242.3	6.3	240.1
225.2	224.67	-6.23	-11.80	13.3	242.2	6.6	247.0
235.2	234.60	-6.80	-12.84	14.5	242.1	7.4	239.4
245.2	244.51	-7.42	-13.97	15.8	242.0	7.4	239.4
255.2	254.42	-7.97	-15.20	17.2	242.3	8.2	248.2
265.2	264.31	-8.40	-16.62	18.6	243.2	8.8	256.9
275.2	274.17	-8.73	-18.21	20.2	244.4	9.6	259.8
285.2	284.03	-8.94	-19.89	21.8	245.8	9.8	254.9
295.2	293.88	-9.02	-21.60	23.4	247.3	10.1	273.8
305.2	303.71	-8.87	-23.44	25.1	249.3	11.1	286.1
315.2	313.53	-8.57	-25.31	26.7	251.3	11.0	272.9
325.2	323.35	-8.26	-27.13	28.4	253.1	10.0	282.2
335.2	333.22	-7.93	-28.72	29.8	254.6	9.0	282.3
345.2	343.10	-7.67	-30.19	31.1	255.8	8.4	273.3
355.2	353.01	-7.44	-31.51	32.4	256.7	7.3	278.3
365.2	362.94	-7.36	-32.72	33.5	257.3	6.7	274.0
375.2	372.88	-7.30	-33.80	34.6	257.8	5.5	272.6
385.2	382.83	-7.14	-34.73	35.5	258.4	5.7	274.3
395.2	392.78	-6.92	-35.73	36.4	259.0	6.3	301.0
395.8	393.38	-6.91	-35.79	36.5	259.1	6.2	270.1



Century GEOPHYSICAL CORP.

27-08

2H 2708

COMPANY : FORDING COAL LTD.
 WELL : 27-08
 LOCATION/FIELD : Eagle Pit
 COUNTY : Elford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9055
 9067
 2708

149192.4
 25633.2
 2013.1

DATE : 07/21/98
 DEPTH DRILLER : 294
 LOG BOTTOM : 294.10
 LOG TOP : 0.80
 CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

TOWNSHIP : PERMANENT DATUM :

RANGE :

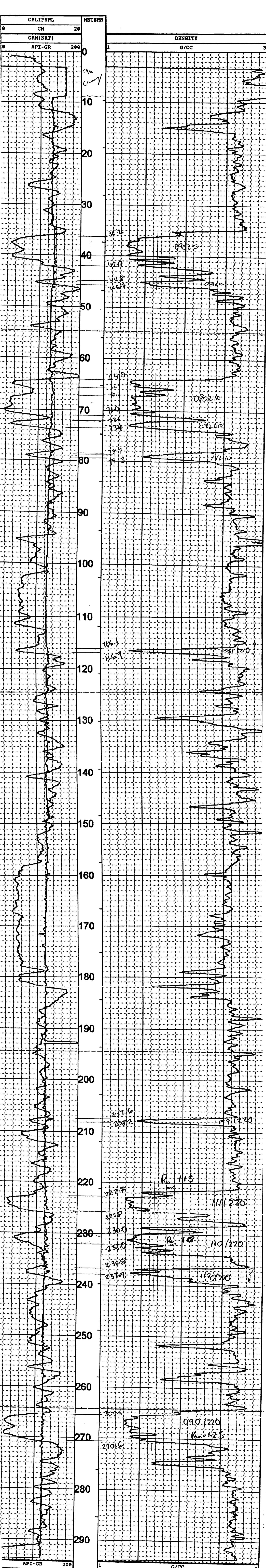
BIT SIZE : 13.335
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

LOGGING UNIT : 5612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Greenhalgh
 BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

KB :
 DF :
 GL :
 FILE : PROCESSED
 TYPE : 9000AA
 THRESH: 20000

Open Hole Density

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-08

COMPANY : FORDING COAL LTD.
 WELL : 27-08
 LOCATION/FIELD : Eagle Pit
 COUNTY : Hillford
 STATE : BC
 SECTION :

OTHER SERVICES
 9055
 9030

TOWNSHIP :
 RANGE :

DATE : 07/21/98
 DEPTH DRILLER : 294
 LOG BOTTOM : 292.60
 LOG TOP : 0.40

PERMANENT DATUM :
 LOG MEASURED FROM: KB :
 DRL MEASURED FROM: GL :

CASING DIAMETER : 16
 CASING TYPE : STERL
 CASING THICKNESS : 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Grechuk

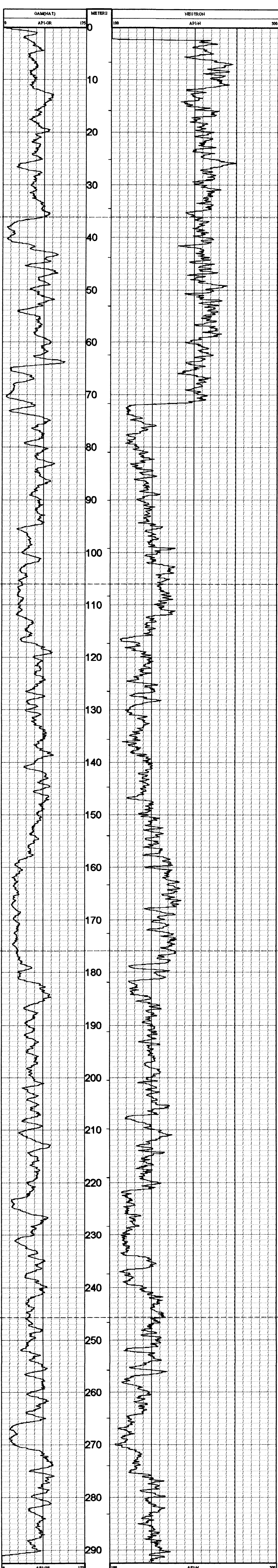
BIT SIZE : 13.335
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : 0 FILE : ORIGINAL
 RM : 0 TYPE : 9067A
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

THRESH: 20000

Logged Through Rods
 Neutron

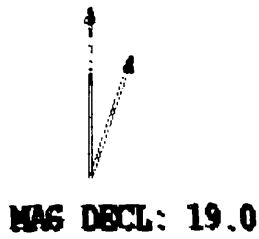
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



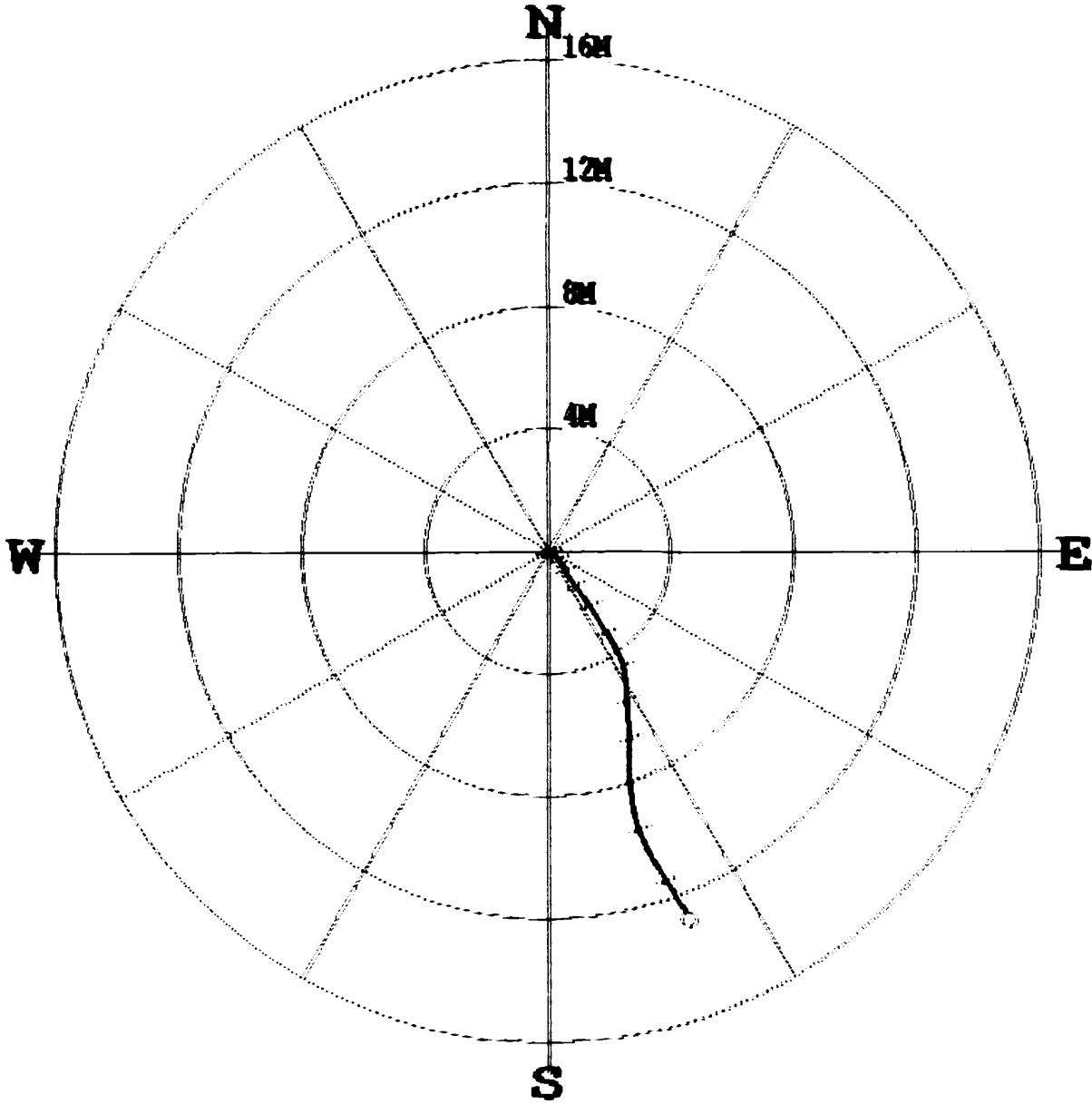
TOOL CALIBRATION 27-08 07/21/98 11:32						
TOOL 9067A						
SERIAL NUMBER 649						
DATE	TIME	Q	SENSOR	STANDARD	RESPONSE	
1	Jul16.98	13:11:01	GAMMA-TOTAL	Default [API-GR]	Default [CPS]	
	Jul16.98	13:11:01	GAMMA-TOTAL	Default [API-GR]	Default [CPS]	
2	Jul16.98	14:03:19	NEUTRON	271.000 [API-N]	384 [CPS]	
	Jul16.98	14:03:19	NEUTRON	Default [API-N]	Default [CPS]	

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: Eagle Pit
 HOLE ID: 27-08
 DATE OF LOG: 07/21/98
 PROBE: 9055A 238



SCALE: 2 M/CM
 TRUE DEPTH: 293.24 M
 AZIMUTH: 159.0
 DISTANCE: 12.8 M
 + = 20 M INCR
 ⊙ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT	: FORDING COAL LTD.	HOLE ID.	: 27-08
FIELD OFFICE	: CALGARY	DATE OF LOG	: 07/21/98
DATA FROM	:	PROBE	: 9055A
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG:	27-08_07-21-98_15-45_9055A_10_18.30_294.00_DEVI.log		238

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
19.9	19.90	0.00	-0.00	0.0	285.0	0.5	285.0
28.3	28.30	-0.01	-0.04	0.0	261.8	0.4	308.2
38.3	38.30	0.03	-0.06	0.1	297.6	0.2	38.8
48.3	48.30	0.02	-0.01	0.0	335.9	0.4	105.6
58.3	58.30	-0.00	0.08	0.1	92.4	0.8	118.6
68.3	68.30	-0.10	0.20	0.2	116.3	1.1	129.1
78.3	78.30	-0.24	0.31	0.4	127.4	1.1	145.6
88.3	88.29	-0.40	0.43	0.6	132.5	1.3	137.6
98.3	98.29	-0.59	0.56	0.8	136.6	1.5	158.8
108.3	108.29	-0.81	0.67	1.1	140.6	1.6	156.0
118.3	118.28	-1.07	0.83	1.4	142.3	1.9	150.4
128.3	128.28	-1.36	1.04	1.7	142.6	2.3	143.6
138.3	138.27	-1.72	1.29	2.1	143.2	2.7	142.1
148.3	148.26	-2.12	1.56	2.6	143.6	2.9	145.8
158.3	158.24	-2.58	1.84	3.2	144.5	3.3	146.5
168.3	168.22	-3.09	2.15	3.8	145.2	3.9	153.4
178.3	178.21	-3.61	2.41	4.3	146.3	3.3	159.3
188.3	188.19	-4.14	2.52	4.8	148.7	3.6	156.7
198.3	198.17	-4.73	2.56	5.4	151.5	3.3	163.0
208.3	208.16	-5.31	2.59	5.9	154.0	3.6	177.9
218.3	218.13	-5.98	2.65	6.5	156.1	4.2	189.0
228.3	228.10	-6.73	2.66	7.2	158.5	4.3	183.9
238.3	238.08	-7.39	2.65	7.9	160.3	3.6	179.3
248.3	248.06	-8.10	2.73	8.5	161.4	4.4	169.0
258.3	258.02	-8.92	2.90	9.4	162.0	4.8	153.9
268.3	267.98	-9.78	3.26	10.3	161.5	5.0	146.2
278.3	277.93	-10.57	3.74	11.2	160.5	5.9	148.3
288.3	287.88	-11.46	4.29	12.2	159.5	6.9	147.9
293.7	293.24	-11.97	4.58	12.8	159.0	7.0	146.0



Century GEOPHYSICAL CORP.

RH 2709

COMPANY : FORDING COAL LTD.
 WELL : RH 2709
 LOCATION/FIELD : South Pit
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9067
 9055
2709

198685.9
 25258.99
 1997.03

RH 2709

DATE : 08/11/98
 DEPTH DRILLER : 264
 LOG BOTTOM : 264.20
 LOG TOP : 0.80

TOWNSHIP :
 PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

RANGE :
 KB :
 DF :
 GL :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Greschuk

BIT SIZE : 13.335
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

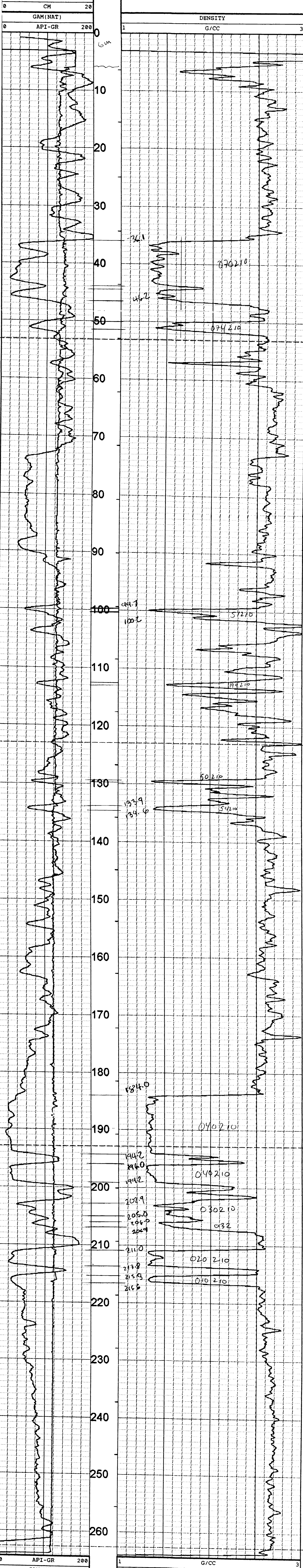
BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

FILE : PROCESSED
 TYPE : 9930AA

THRESH: 20000

Open Hole
 Density

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





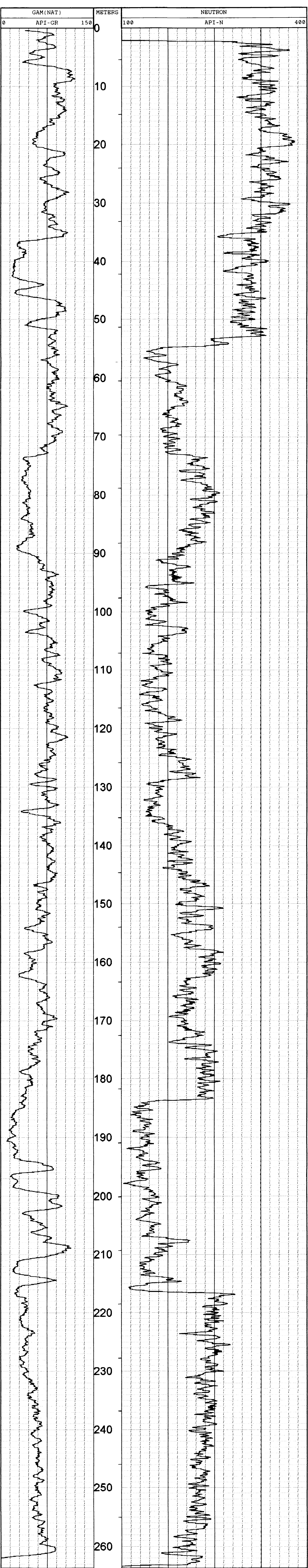
Century GEOPHYSICAL CORP.

27-09

COMPANY : PORDING COAL LTD.	OTHER SERVICES : 9055	
WELL : 27-09	9030	
LOCATION/FIELD : South Pit		
COUNTY : Elkford		
STATE : BC		
SECTION :	TOWNSHIP :	RANGE :
DATE : 08/11/98	PERMANENT DATUM :	
DEPTH DRILLER : 264	LOG MEASURED FROM :	KB :
LOG TOP : 263.60	DRL MEASURED FROM :	DF :
LOG BOTTOM : 0.40		GL :
CASING DIAMETER : 16	LOGGING UNIT : 9612	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS : 0	RECORDED BY : J Greachuk	
BIT SIZE : 13.335	BOREHOLE FLUID : 0	FILE : PROCESSED
MAGNETIC DECL : 19	RM : 0	TYPE : 9067A
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0	
NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 140	
		THRESH 20000

Logged Through Rods
Neutron

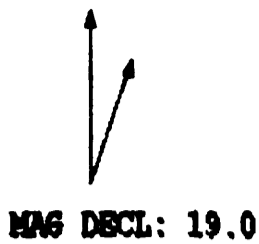
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



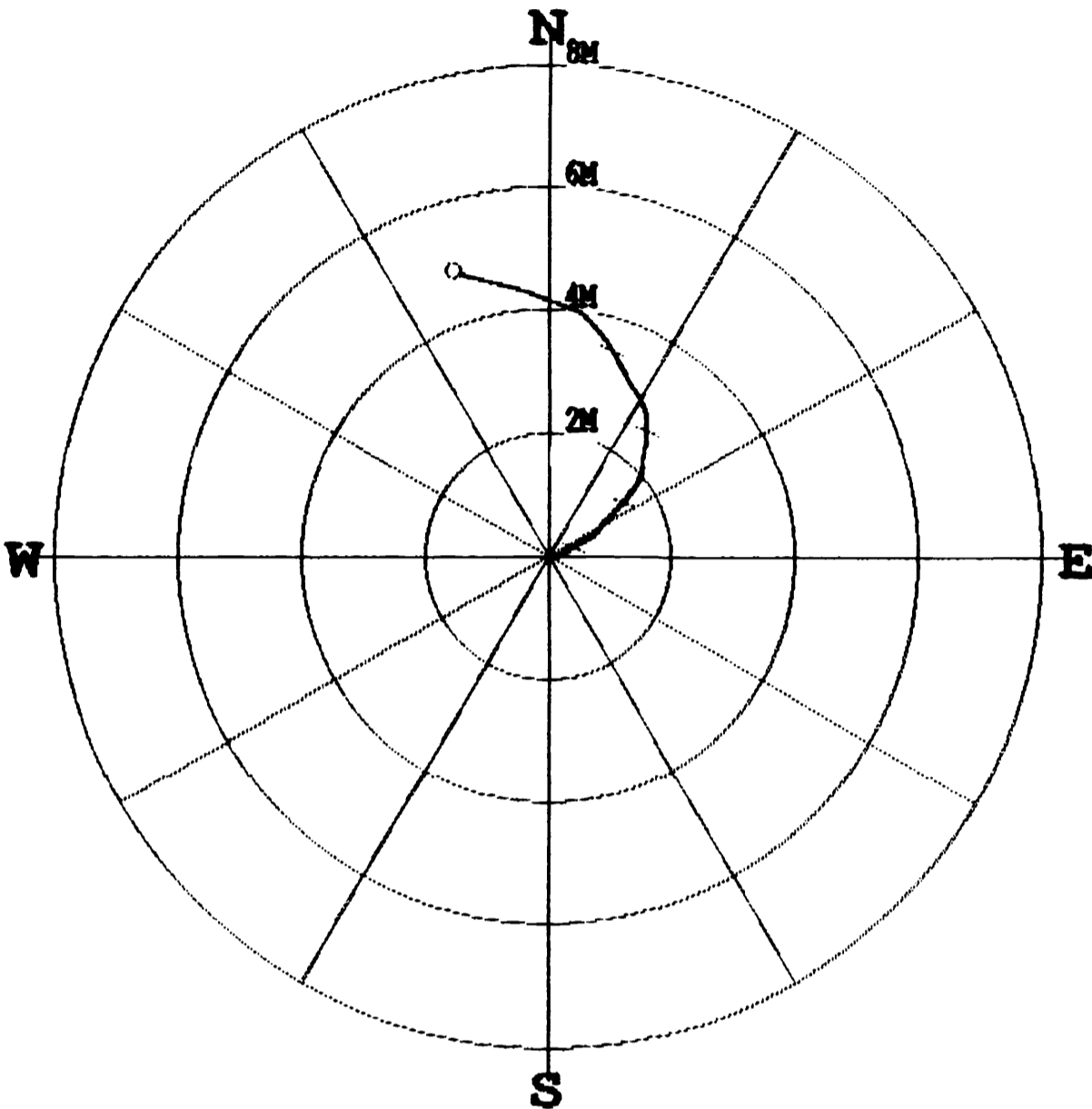
TOOL CALIBRATION 27-09 08/11/98 10:20				
TOOL 9067A				
SERIAL NUMBER 643				
DATE	TIME	SENSOR	STANDARD	RESPONSE
1 Jul16.98	13:11:01	GAM(NAT)	Default [API-GR]	Default [CPS]
Jul16.98	13:11:01	GAM(NAT)	Default [API-GR]	Default [CPS]
2 Jul16.98	14:03:19	NEUTRON	271.000 [API-N]	384 [CPS]
Jul16.98	14:03:19	NEUTRON	Default [API-N]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: South Pit
 HOLE ID: 2709
 DATE OF LOG: 08/11/98
 PROBE: 9055A 238



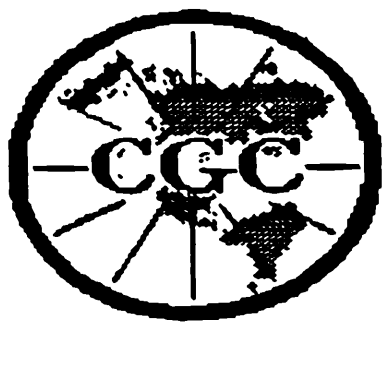
SCALE: 1 M/CM
 TRUE DEPTH: 264.00 M
 AZIMUTH: 341.6
 DISTANCE: 4.9 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2709
 FIELD OFFICE : CALGARY DATE OF LOG : 08/11/98
 DATA FROM : PROBE : 9055A , 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2709_08-11-98_13-29_9055A_.10_14.20_264.10_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
15.8	15.80	-0.00	0.00	0.0	113.4	0.7	113.4
24.2	24.20	-0.04	0.07	0.1	119.6	0.4	126.0
34.2	34.20	-0.02	0.15	0.2	98.6	0.8	61.7
44.2	44.20	0.07	0.30	0.3	76.1	1.1	60.2
54.2	54.20	0.19	0.48	0.5	67.9	1.3	55.1
64.2	64.19	0.29	0.66	0.7	66.5	1.1	65.2
74.2	74.19	0.41	0.80	0.9	62.8	1.3	37.7
84.2	84.19	0.61	0.96	1.1	57.6	1.5	38.5
94.2	94.18	0.78	1.13	1.4	55.2	1.3	42.9
104.2	104.18	0.96	1.28	1.6	53.3	1.3	30.2
114.2	114.18	1.15	1.42	1.8	50.9	1.2	36.4
124.2	124.18	1.38	1.51	2.0	47.4	1.5	13.7
134.2	134.17	1.66	1.55	2.3	43.1	1.4	12.3
144.2	144.17	1.91	1.58	2.5	39.7	1.3	1.7
154.2	154.17	2.13	1.59	2.7	36.7	1.2	357.9
164.2	164.16	2.36	1.56	2.8	33.4	1.2	346.9
174.2	174.16	2.58	1.46	3.0	29.5	1.6	320.8
184.2	184.15	2.87	1.28	3.1	24.1	2.6	320.8
194.2	194.15	3.19	1.12	3.4	19.3	1.7	335.3
204.2	204.14	3.44	0.96	3.6	15.6	1.9	321.7
214.2	214.14	3.70	0.75	3.8	11.5	2.0	314.4
224.2	224.13	3.94	0.49	4.0	7.1	2.2	291.0
234.2	234.12	4.10	0.13	4.1	1.8	2.4	294.6
244.2	244.11	4.27	-0.32	4.3	355.7	3.0	290.1
254.2	254.09	4.42	-0.89	4.5	348.6	3.8	282.9
263.8	263.67	4.62	-1.54	4.9	341.6	4.7	299.8



Century GEOPHYSICAL CORP.

27-10

COMPANY : FORDING COAL LTD.
 WELL : 27-10
 LOCATION/FIELD : EAGLE PIT
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES
 9067
 9055
2710

RH2710
 148701.1
 25799.7
 1998.76

DATE : 07/09/98
 DEPTH DRILLER : 274
 LOG BOTTOM : 274.00
 LOG TOP : 0.90

TOWNSHIP :
 PERMANENT DATUM :

RANGE :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J. Cochrane

KB :
 DF :
 GL :

BIT SIZE : 13.335
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

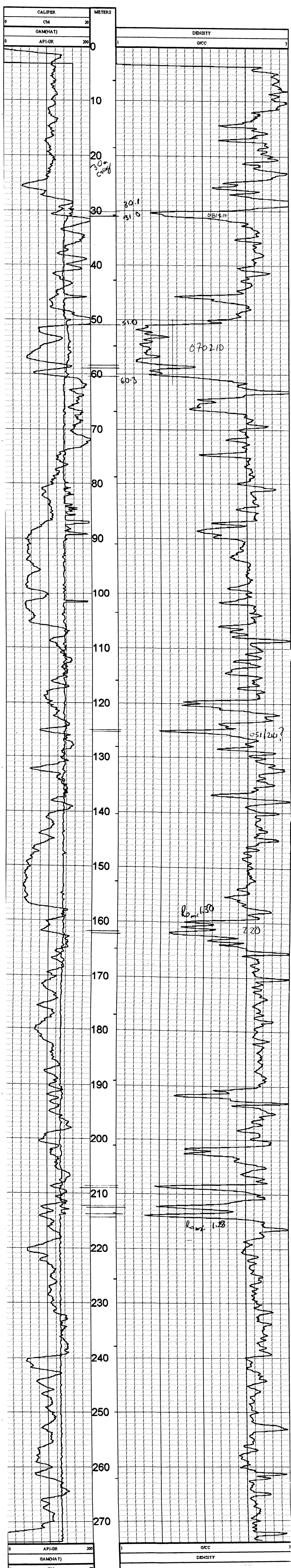
BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

FILE : ORIGINAL
 TYPE : 9033AA

THRESH : 20000

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-10

COMPANY : FORDING COAL LTD.
 WELL : 27-10
 LOCATION/FIELD : EAGLE PIT
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9030
 9055

TOWNSHIP : RANGE :

DATE : 07/06/98
 DEPTH DRILLER : 274
 LOG BOTTOM : 273.50
 LOG TOP : 0.50

PERMANENT DATUM :
 LOG MEASURED FROM: KB :
 DRL MEASURED FROM: DL :
 GL :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : S. Cochrane

BIT SIZE : 13.333
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

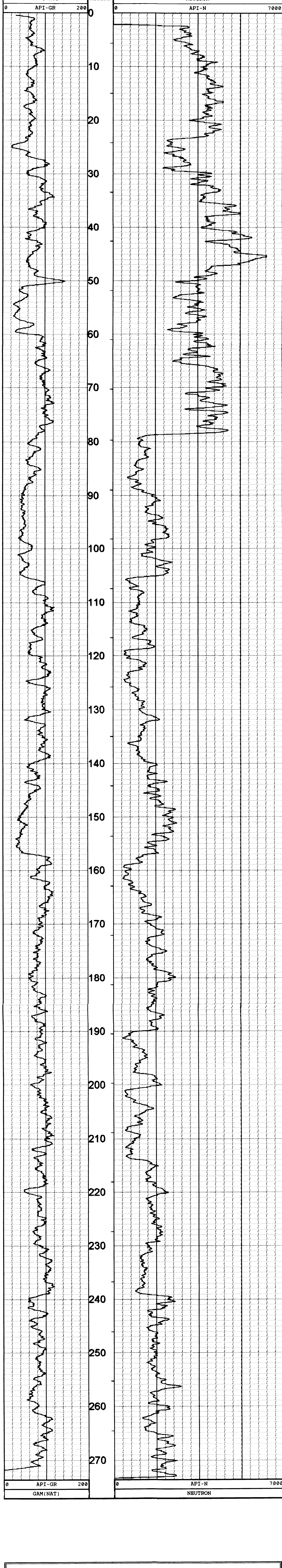
COREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

Logged Through Rocks

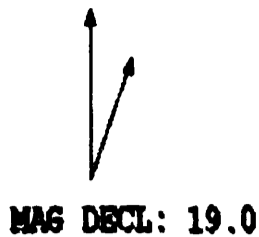
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



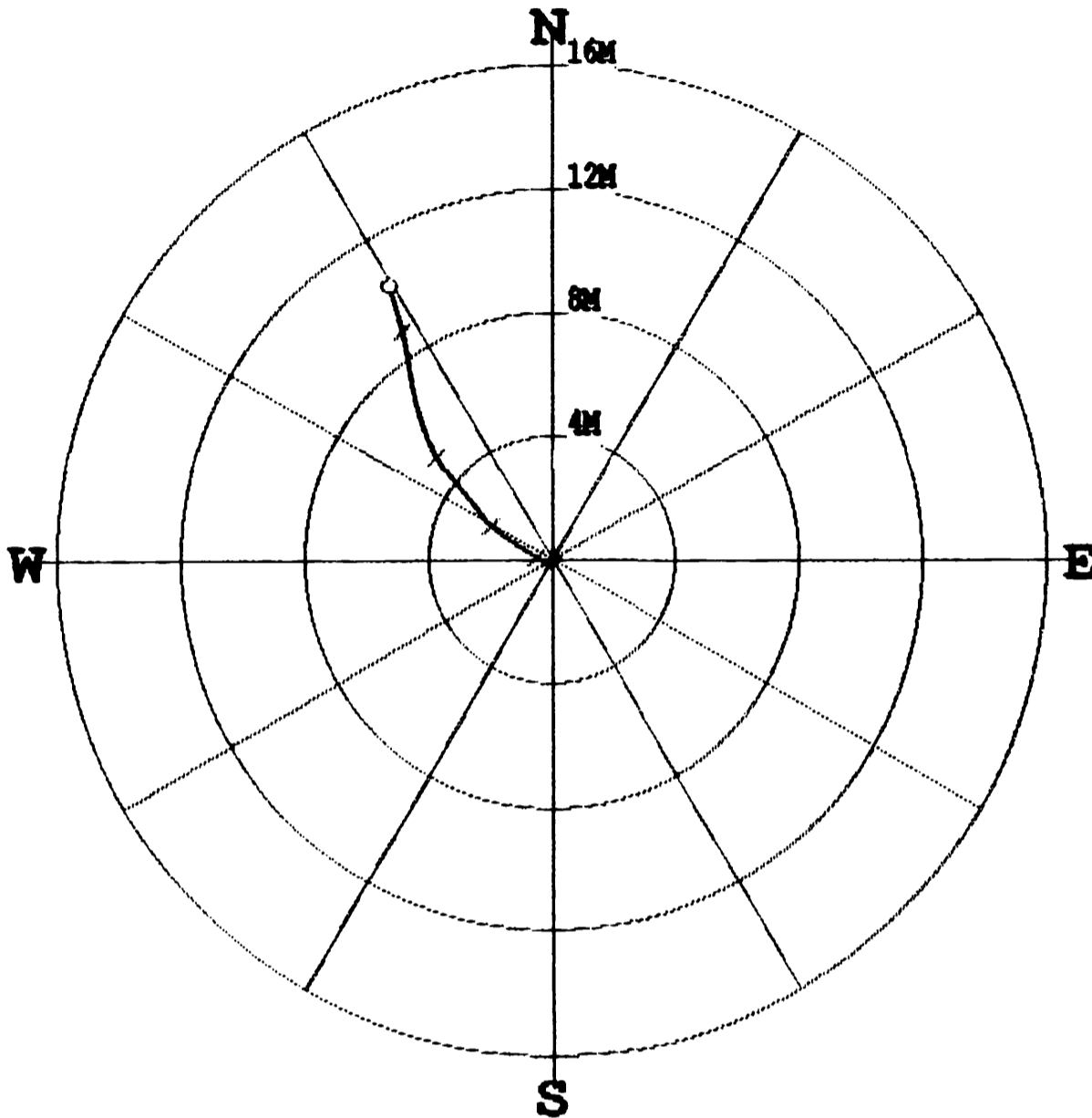
TOOL CALIBRATION 27-10 07/08/98 08:02					
TOOL 907A					
SERIAL NUMBER 512					
	DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jun12,98	14:06:34	GAM(NAT)	Default [API-GR]	Default [CPS]
	Jun12,98	14:08:24	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jun12,98	14:40:23	NEUTRON	Default [API-N]	Default [CPS]
	Jun12,98	14:40:23	NEUTRON	271.000 [API-N]	89 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: EAGLE PIT
 HOLE ID: 27-10
 DATE OF LOG: 07/08/98
 PROBE: 9055A 238



SCALE: 2 M/CM
 TRUE DEPTH: 273.14 M
 AZIMUTH: 329.6
 DISTANCE: 10.3 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 27-10
 FIELD OFFICE : CALGARY DATE OF LOG : 07/08/98
 DATA FROM : PROBE : 9055A , 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-10_07-08-98_13-20_9055A_.10_40.20_273.80_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
41.8	41.80	-0.00	-0.00	0.0	181.4	1.1	181.4
50.2	50.20	-0.14	-0.00	0.1	180.9	0.6	179.5
60.2	60.20	-0.22	0.02	0.2	173.9	0.6	157.8
70.2	70.20	-0.28	0.01	0.3	177.1	0.4	253.2
80.2	80.20	-0.25	-0.07	0.3	195.0	0.9	321.4
90.2	90.20	-0.10	-0.23	0.3	246.0	1.6	301.1
100.2	100.19	0.08	-0.51	0.5	279.0	1.7	302.6
110.2	110.18	0.24	-0.79	0.8	286.8	1.9	310.4
120.2	120.18	0.45	-1.08	1.2	292.4	2.2	310.9
130.2	130.17	0.67	-1.41	1.6	295.6	2.0	299.7
140.2	140.16	0.85	-1.67	1.9	297.0	2.0	308.4
150.2	150.16	1.11	-1.99	2.3	299.3	2.5	316.2
160.2	160.15	1.43	-2.26	2.7	302.4	2.3	326.4
170.2	170.14	1.79	-2.53	3.1	305.3	2.9	319.7
180.2	180.12	2.25	-2.90	3.7	307.8	3.6	324.7
190.2	190.10	2.79	-3.33	4.3	310.0	3.8	330.3
200.2	200.07	3.36	-3.71	5.0	312.1	3.9	324.9
210.2	210.04	4.08	-4.06	5.8	315.1	5.0	349.2
220.2	220.00	4.94	-4.34	6.6	318.7	5.1	345.5
230.2	229.96	5.83	-4.53	7.4	322.2	5.1	1.7
240.2	239.92	6.65	-4.66	8.1	325.0	4.6	347.6
250.2	249.89	7.42	-4.82	8.8	327.0	4.2	348.3
260.2	259.86	8.11	-5.01	9.5	328.3	4.0	345.4
270.2	269.84	8.71	-5.19	10.1	329.2	3.3	350.9
273.5	273.14	8.91	-5.24	10.3	329.5	3.5	348.3



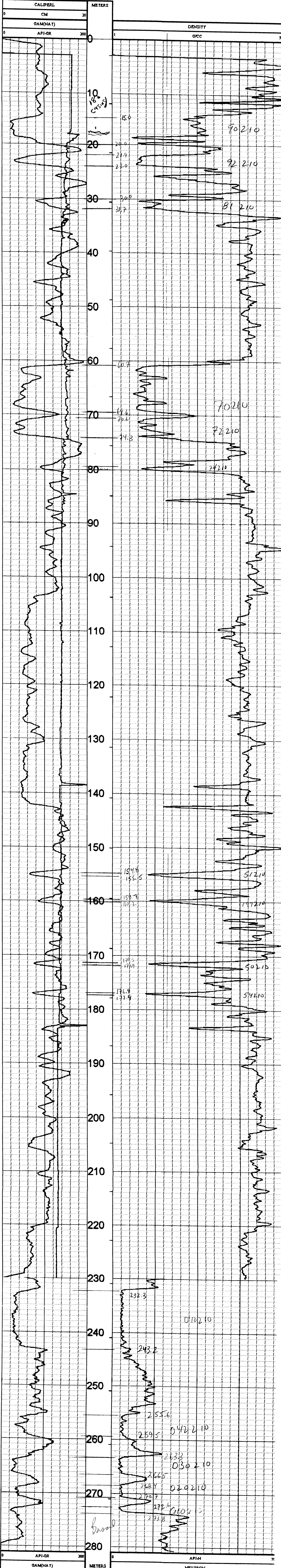
Century GEOPHYSICAL CORP.

27-11

COMPANY : FORDING COAL LTD.	OTHER SERVICES:	9055 9067 2711	148495 2534978 20161	RH 2711
WELL : 27-11				
LOCATION/FIELD : EAGLE PIT				
COUNTY : Elkford	TOWNSHIP :	RANGE :		
STATE : BC				
SECTION :				
DATE : 07/04/98	PERMANENT DATUM :			
DEPTH DRILLER : 280	LOG MEASURED FROM:	KB :		
LOG BOTTOM : 232.00	DRL MEASURED FROM:	DF :		
LOG TOP : 0.50		GL :		
CASING DIAMETER : 16	LOGGING UNIT : 9612			
CASING TYPE : STEEL	FIELD OFFICE : CALGARY			
CASING THICKNESS : 9	RECORDED BY : J. Greshuk			
BIT SIZE : 13.335	BOREHOLE FLUID : 0	FILE : ORIGINAL		
MAGNETIC DECL. : 19	RM : 0	TYPE : 9030AA		
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0			
NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 140			
		THRESH: 20000		

Open Hole

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





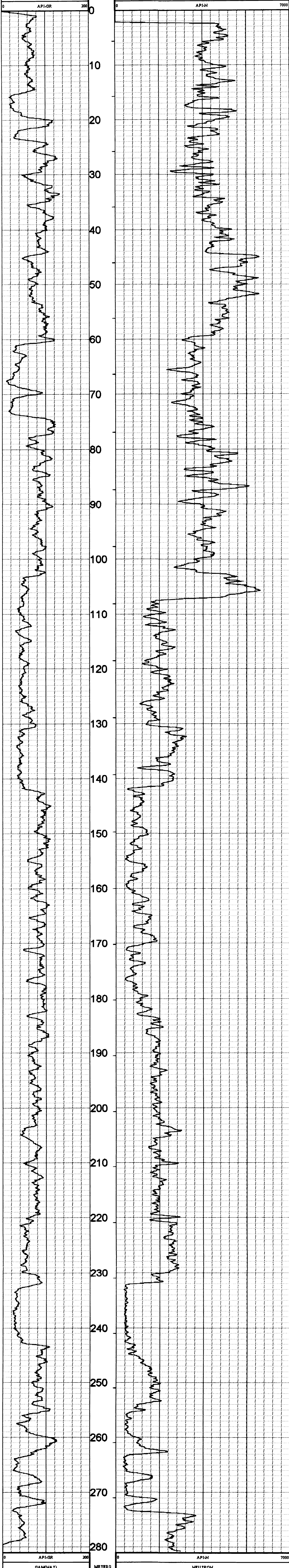
Century GEOPHYSICAL CORP.

27-11

COMPANY : FORDING COAL LTD.	OTHER SERVICES:	
WELL : 27-11	9030	
LOCATION/FIELD : EAGLE PIT	9055	
COUNTY : Elkford		
STATE : BC		
SECTION :	TOWNSHIP :	RANGE :
DATE : 07/04/98	PERMANENT DATUM :	
DEPTH DRILLER : 280		KB :
LOG BOTTOM : 281.10	LOG MEASURED FROM:	DF :
LOG TOP : 0.40	DRL MEASURED FROM:	GL :
CASING DIAMETER : 16	LOGGING UNIT : 9612	
CASING TYPE : STEEL	FIELD OFFICE : CALGARY	
CASING THICKNESS: 0	RECORDED BY : S. Cochrane	
BIT SIZE : 13.335	BOREHOLE FLUID : 0	FILE : ORIGINAL
MAGNETIC DECL. : 19	RM : 0	TYPE : 9067A
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0	
NEUTRON MATRIX : SANDSTONE	MATRIX DELTAT : 140	THRESH: 20000

Logged Through Rods

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



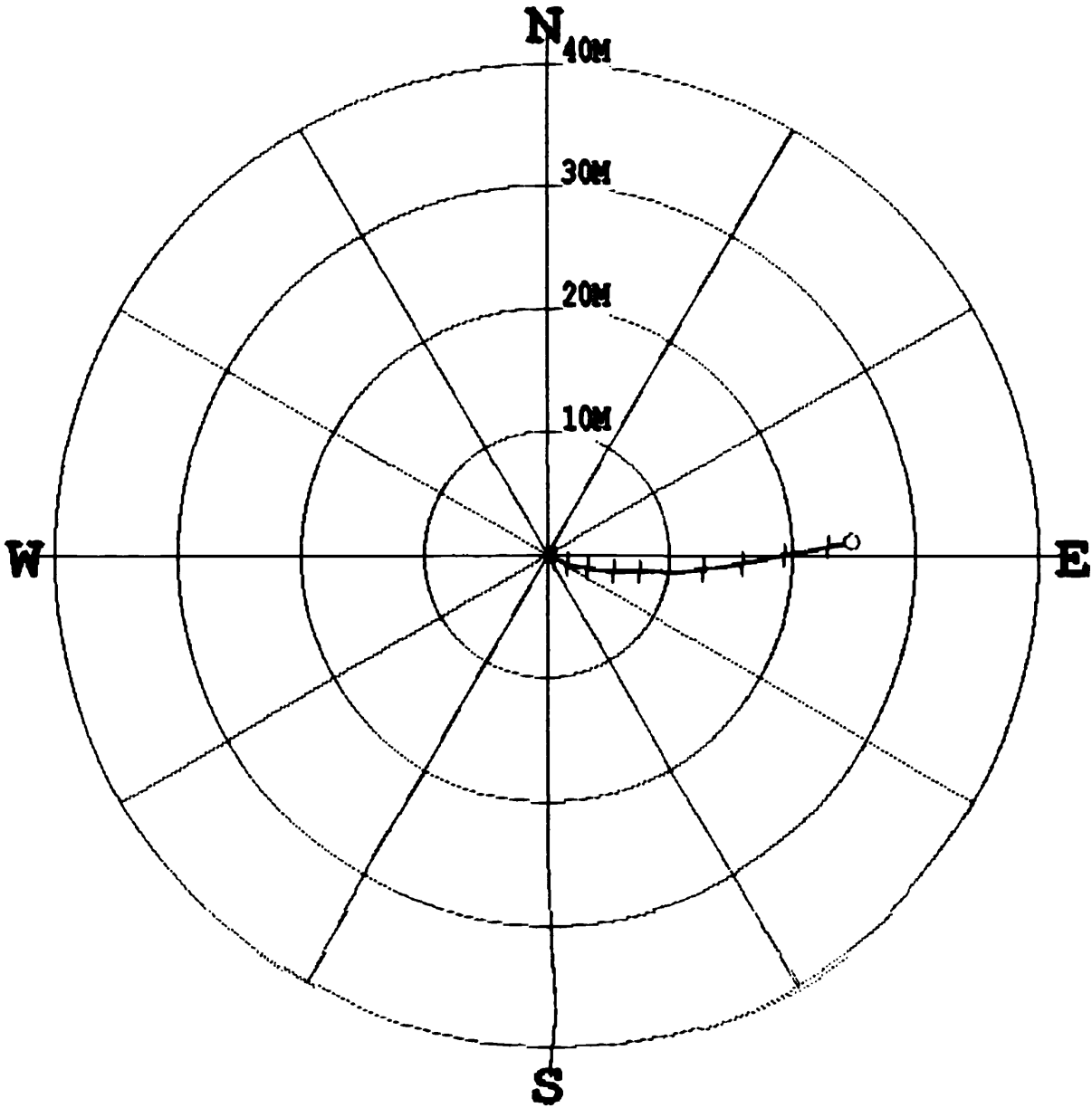
TOOL CALIBRATION 27-11 070498 07:01					
TOOL 9067A					
SERIAL NUMBER 612					
DATE	TIME	0	SENSOR	STANDARD	RESPONSE
1	Jun12.98	14:06:34	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jun12.98	14:06:34	GAM(NAT)	Default [API-GR]	Default [CPS]
	Jun12.98	14:40:29	NEUTRON	Default [API-N]	Default [CPS]
	Jun12.98	14:40:29	NEUTRON	271.000 [API-N]	89 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: EAGLE PIT
 HOLE ID: 27-11
 DATE OF LOG: 07/04/98
 PROBE: 9055A 238



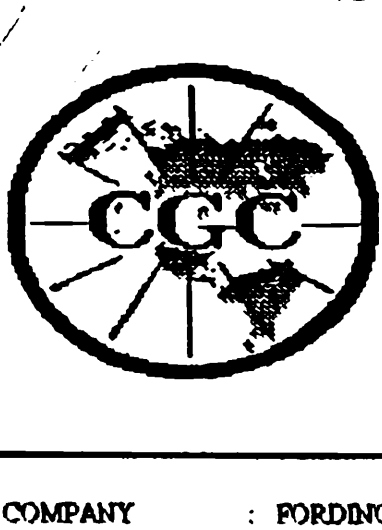
SCALE: 5 M/CM
 TRUE DEPTH: 230.52 M
 AZIMUTH: 87.5
 DISTANCE: 24.8 M
 + = 20 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT	: FORDING COAL LTD.	HOLE ID.	: 27-11		
FIELD OFFICE	: CALGARY	DATE OF LOG	: 07/04/98		
DATA FROM	:	PROBE	: 9055A		238
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS		
LOG: 27-11_07-04-98_12-02_9055A_.10_28.10_232.60_DEVI.log					

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
29.7	29.70	-0.00	0.00	0.0	122.5	2.8	122.5
38.1	38.09	-0.21	0.42	0.5	116.3	3.5	78.6
48.1	48.07	-0.46	0.95	1.1	115.6	3.7	113.2
58.1	58.05	-0.68	1.49	1.6	114.5	3.7	117.4
68.1	68.02	-0.89	2.20	2.4	112.1	4.7	97.5
78.1	77.98	-1.07	3.09	3.3	109.1	5.4	99.6
88.1	87.93	-1.21	4.13	4.3	106.3	6.0	101.6
98.1	97.87	-1.31	5.17	5.3	104.2	6.0	100.4
108.1	107.82	-1.37	6.20	6.3	102.4	6.1	88.2
118.1	117.76	-1.38	7.26	7.4	100.8	6.4	88.0
128.1	127.70	-1.37	8.37	8.5	99.3	7.0	101.7
138.1	137.63	-1.34	9.53	9.6	98.0	6.8	87.9
148.1	147.55	-1.31	10.78	10.9	96.9	7.7	85.5
158.1	157.44	-1.16	12.23	12.3	95.4	8.9	82.8
168.1	167.32	-1.00	13.78	13.8	94.2	9.5	84.2
178.1	177.18	-0.74	15.38	15.4	92.8	9.6	75.2
188.1	187.04	-0.45	17.00	17.0	91.5	9.7	83.8
198.1	196.89	-0.10	18.70	18.7	90.3	9.9	79.3
208.1	206.74	0.23	20.43	20.4	89.4	10.3	78.2
218.1	216.57	0.55	22.20	22.2	88.6	11.0	75.6
228.1	226.39	0.92	24.01	24.0	87.8	11.0	73.1
232.3	230.52	1.08	24.78	24.8	87.5	11.5	75.6



Centurion GEOPHYSICAL CORP.

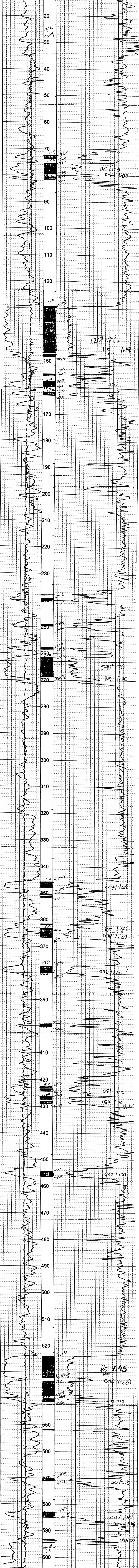
2637

COMPANY : FORDING COAL LTD.
 WELL : 2637
 LOCATION/FIELD : North Castle
 COUNTY : Elbert
 STATE : BC
 SECTION :
 DATE : 06/09/98
 DEPTH DRILLER : 605
 LOG BOTTOM : 605.00
 LOG TOP : 0.80
 CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0
 BIT SIZE : 13.333
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

OTHER SERVICES: 146.600 3N
 9067 27.488 4E
 9055 **2637** 2072.3
 TOWNSHIP :
 RANGE :
 PERMANENT DATUM :
 LOG MEASURED FROM : KB
 DRL MEASURED FROM : DF
 LOGGING UNIT : 2612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Orzechuk
 BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140
 FILE : PROCESSED
 TYPE : 9030AA
 THRESH: 2000

Open Hole
Density

ALL SERVICES PROVIDED SUBJECT TO: **66/1** KNS

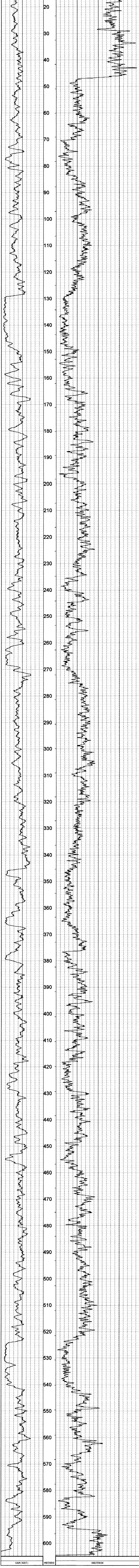




COMPANY : FORDING COAL LTD.	OTHER SERVICES : 9055	
WELL : 2637	9020	
LOCATION/FIELD : North Castle		
COUNTY : Elford		
STATE : BC		
SECTION :	TOWNSHIP :	RANGE :
DATE : 06/09/98	PERMANENT DATUM :	KB
DEPTH DRILLER : 605	LOG MEASURED FROM :	DF
LOG BOTTOM : 604.70	DEL. MEASURED FROM :	GL
LOG TOP : 0.40	LOGGING UNIT : 9612	
CASING DIAMETER : 16	FIELD OFFICE : CALGARY	
CASING TYPE : STEEL	RECORDED BY : J Greenhalgh	
CASING THICKNESS : 0		
BIT SIZE : 13.333	BOREHOLE FLUID : 0	FILE : ORIGINAL
MAGNETIC DECL. : 19	FM : 0	TYPE : 9067A
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0	
NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 140	THRESH : 20000

Logged Through Rock
Neutron

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

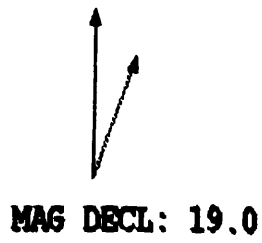


TOOL CALIBRATION 2637 08/09/98 06:14			
TOOL SERIAL NUMBER	DATE	TIME	SENSOR
643	Jul16.98	13:11:01	GAM(NAT)
	Jul16.98	13:11:01	GAM(NAT)
	Jul16.98	14:03:19	NEUTRON
	Jul16.98	14:03:19	NEUTRON

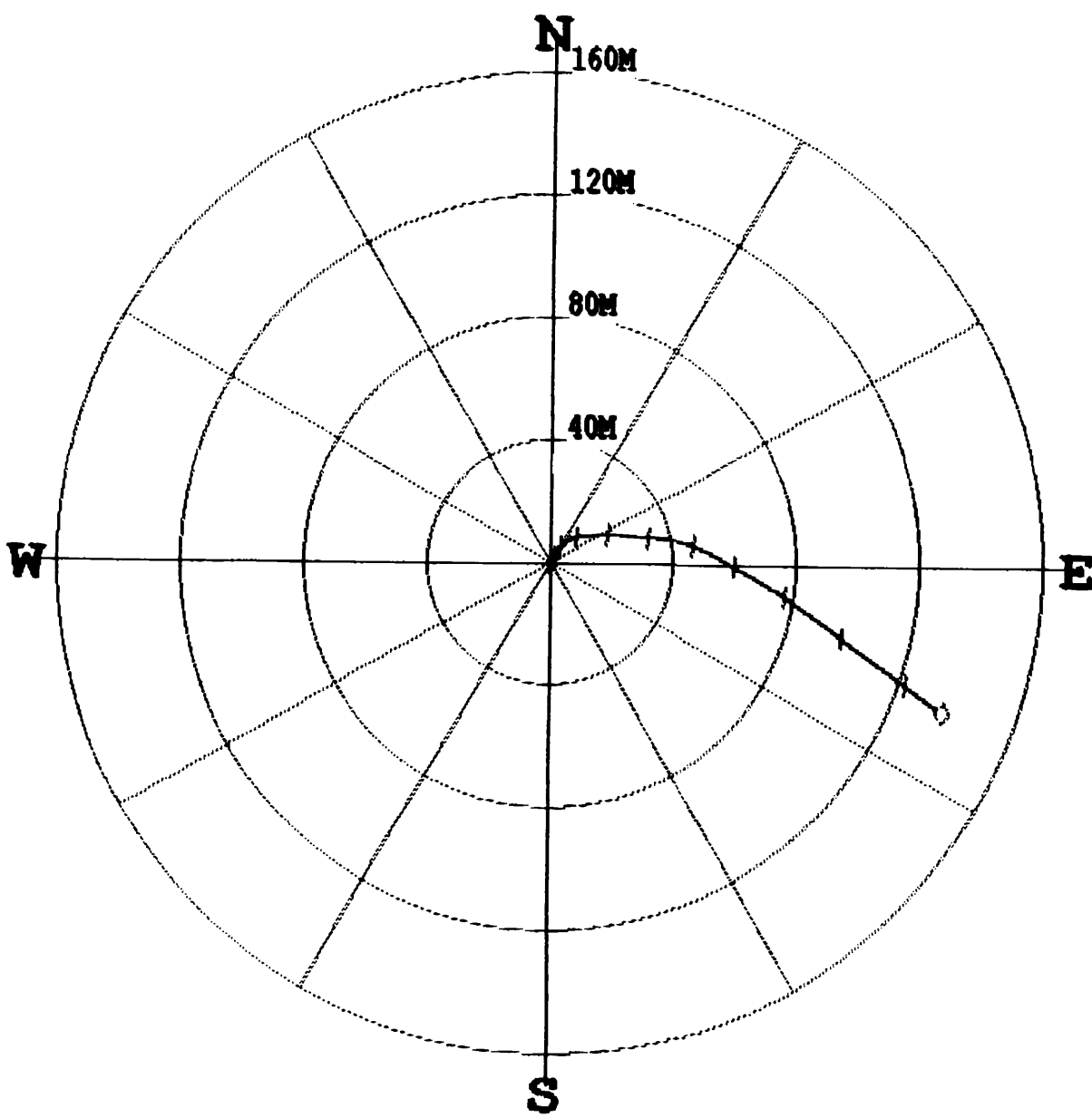
STANDARD	RESPONSE
Default [API-GR]	Default [CPS]
Default [API-GR]	Default [CPS]
271.000 [API-N]	384 [CPS]
Default [API-N]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 2637
 DATE OF LOG: 08/09/98
 PROBE: 9055A 238



SCALE: 20 M/CM
 TRUE DEPTH: 605.00 M
 AZIMUTH: 110.6
 DISTANCE: 136.3 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

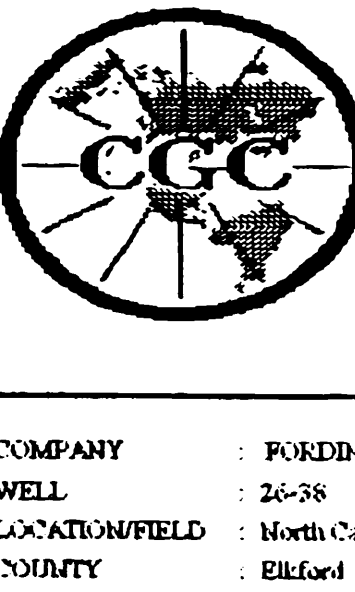
CLIENT : FORDING COAL LTD. HOLE ID. : 2637
 FIELD OFFICE : CALGARY DATE OF LOG : 08/09/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2637_08-09-98_15-04_9055A_.10_42.20_605.60_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
43.8	43.80	0.00	0.00	0.0	34.7	0.9	34.7
52.2	52.20	0.13	0.11	0.2	40.2	1.1	41.1
62.2	62.20	0.28	0.24	0.4	40.5	1.2	41.0
72.2	72.19	0.51	0.39	0.6	37.4	1.4	19.4
82.2	82.18	0.85	0.65	1.1	37.5	2.8	40.2
92.2	92.17	1.25	0.95	1.6	37.1	3.4	32.1
102.2	102.15	1.72	1.27	2.1	36.5	3.4	31.5
112.2	112.13	2.25	1.61	2.8	35.5	3.8	31.3
122.2	122.11	2.85	1.92	3.4	33.9	4.1	21.2
132.2	132.08	3.56	2.25	4.2	32.3	4.5	25.8
142.2	142.05	4.26	2.64	5.0	31.8	4.9	36.6
152.2	152.01	4.98	3.21	5.9	32.8	5.5	41.3
162.2	161.95	5.69	3.94	6.9	34.7	5.8	43.2
172.2	171.89	6.42	4.78	8.0	36.7	6.8	51.3
182.2	181.81	7.12	5.80	9.2	39.1	7.6	60.7
192.2	191.71	7.75	7.04	10.5	42.3	9.0	70.0
202.2	201.58	8.23	8.58	11.9	46.2	10.2	77.7
212.2	211.43	8.61	10.30	13.4	50.1	10.5	83.2
222.2	221.25	8.85	12.15	15.0	53.9	11.5	81.0
232.2	231.03	9.06	14.23	16.9	57.5	12.6	84.5
242.2	240.79	9.20	16.39	18.8	60.7	13.0	87.9
252.2	250.53	9.21	18.64	20.8	63.7	13.2	90.9
262.2	260.24	9.11	21.03	22.9	66.6	14.4	91.8
272.2	269.93	8.92	23.48	25.1	69.2	13.9	95.8
282.2	279.60	8.72	26.01	27.4	71.5	15.1	92.5
292.2	289.25	8.54	28.62	29.9	73.4	16.0	95.3
302.2	298.88	8.37	31.32	32.4	75.0	16.3	86.9
312.2	308.46	8.19	34.18	35.2	76.5	17.0	93.5
322.2	318.04	8.02	37.04	37.9	77.8	16.4	98.0
332.2	327.63	7.63	39.84	40.6	79.2	16.6	98.0
342.2	337.22	7.10	42.63	43.2	80.5	16.5	102.8
352.2	346.81	6.32	45.35	45.8	82.1	16.4	107.8
362.2	356.42	5.37	47.96	48.3	83.6	15.9	111.4
372.2	366.04	4.27	50.45	50.6	85.2	15.7	111.7
382.2	375.66	3.08	52.88	53.0	86.7	16.0	117.7
392.2	385.23	1.69	55.42	55.4	88.3	18.0	117.4
402.2	394.74	0.13	58.10	58.1	89.9	18.6	119.5
412.2	404.19	-1.51	60.91	60.9	91.4	20.1	118.4
422.2	413.59	-3.19	63.88	64.0	92.9	20.3	119.4
432.2	422.98	-4.93	66.83	67.0	94.2	20.0	129.5
442.2	432.36	-6.71	69.79	70.1	95.5	21.0	122.2
452.2	441.64	-8.64	72.97	73.5	96.8	22.4	122.7
462.2	450.88	-10.73	76.17	76.9	98.0	23.2	123.7
472.2	460.06	-13.05	79.36	80.4	99.3	23.4	126.9
482.2	469.21	-15.40	82.64	84.1	100.6	23.9	123.2
492.2	478.33	-17.74	86.00	87.8	101.7	25.0	121.3
502.2	487.39	-20.13	89.48	91.7	102.7	25.7	126.3
512.2	496.36	-22.83	92.94	95.7	103.8	26.5	128.3
522.2	505.29	-25.63	96.46	99.8	104.9	27.3	132.4
532.2	514.20	-28.26	100.14	104.1	105.8	27.5	126.3
542.2	523.07	-30.94	103.87	108.4	106.6	28.0	128.1

* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2637
 FIELD OFFICE : CALGARY DATE OF LOG : 08/09/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2637_08-09-98_15-04_9055A_.10_42.20_605.60_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
552.2	531.92	-33.64	107.66	112.8	107.4	27.7	126.5
562.2	540.73	-36.45	111.43	117.2	108.1	28.3	126.7
572.2	549.55	-39.18	115.28	121.8	108.8	28.0	126.2
582.2	558.37	-41.86	119.11	126.3	109.4	28.0	116.3
592.2	567.24	-44.56	122.81	130.6	109.9	27.3	121.2
602.2	576.12	-47.13	126.50	135.0	110.4	27.1	126.1
605.3	578.87	-47.92	127.54	136.2	110.6	27.4	121.3



Century GEOPHYSICAL CORP.

26-38

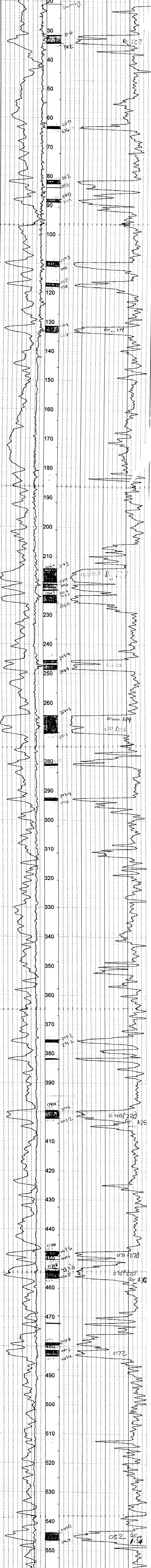
COMPANY	FORDING COAL LTD.	OTHER SERVICES	146373.8N
WELL	26-38	9067	27361.6E
LOCATION/FIELD	North Castle	9055	2081.7W
COUNTY	Elford		
STATE	BC		
SECTION		TOWNSHIP	RANGE
DATE	06/03/96	PERMANENT DATUM	
DEPTH DRILLER	561	LOG MEASURED FROM	KB
LOG BOTTOM	561.00	DEL MEASURED FROM	DF
LOG TOP	0.80		GL
CASING DIAMETER	16	LOGGING UNIT	9612
CASING TYPE	STEEL	FIELD OFFICE	CALOARY
CASING THICKNESS	0	RECORDED BY	J Greasak
BIT SIZE	13.335	BOREHOLE FLUID	0
MAGNETIC DECL	19	RM	0
MATRIX DENSITY	2.65	RM TEMPERATURE	0
NEUTRON MATRIX	SANDSTONE	MATRIX DELTAT	140
			FILE PROCESSED
			TYPE 9030AA
			THRESH 20590

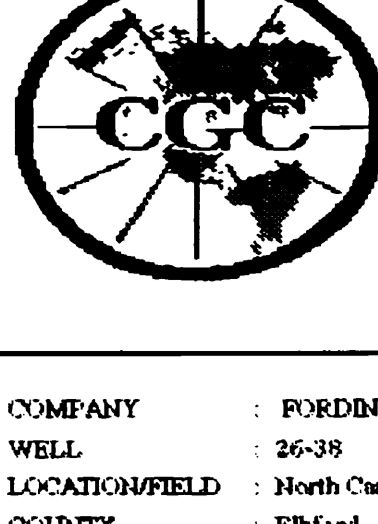
Open Hole
Density

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

11.3/1
to
2704

704/1
to
2704





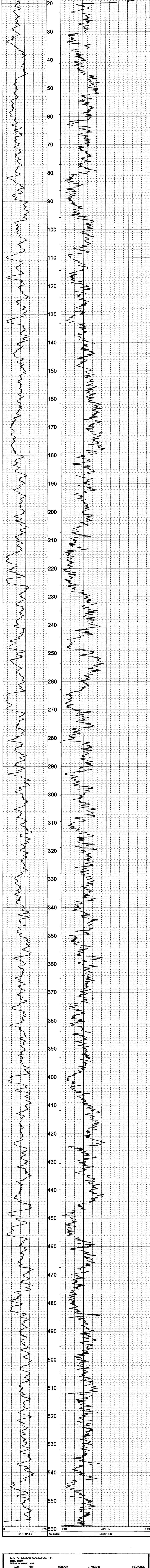
Century GEOPHYSICAL CORP.

26-38

COMPANY : FORDING COAL LTD.	OTHER SERVICES:
WELL : 26-38	9055
LOCATION/FIELD : North Castle	9080
COUNTY : Elkford	
STATE : BC	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 06/03/98	PERMANENT DATUM :
DEPTH DRILLER : 561	LOG MEASURED FROM :
LOG BOTTOM : 559.00	D.L. MEASURED FROM :
LOG TOP : 0.40	LOGGING UNIT : 9612
CASING DIAMETER : 16	FIELD OFFICE : CALGARY
CASING TYPE : STEEL	RECORDED BY : J. Orzechuk
CASING THICKNESS : 0	
BIT SIZE : 13.333	BOREHOLE FLUID : 0
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 140
	FILE : ORIGINAL
	TYPE : 9067A
	THRESH: 20000

Logged Through Hole
Neutron

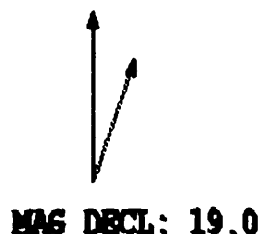
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



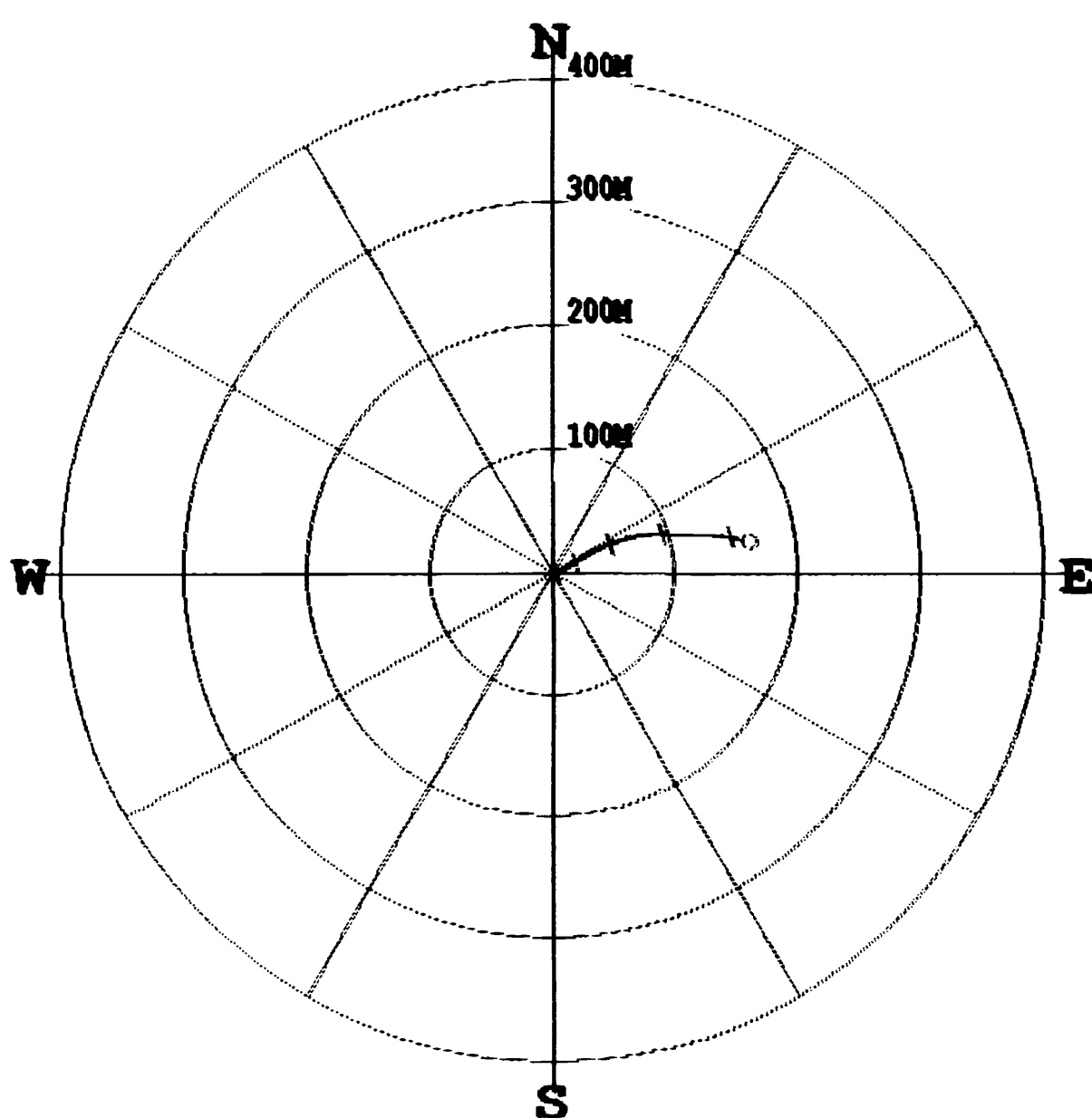
TOOL CALIBRATION 26-38 06/03/98 11:02		TOOL 9067A		SERIAL NUMBER 643	
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	Jul16.98 13:11:01	GAM(NAT)	Default [API-GR]	Default [CPS]	
2	Jul16.98 13:11:01	GAM(NAT)	Default [API-GR]	Default [CPS]	
2	Jul16.98 14:03:19	NEUTRON	271.000 [API-N]	384 [CPS]	
2	Jul16.98 14:03:19	NEUTRON	Default [API-N]	Default [CPS]	

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 26-38
 DATE OF LOG: 08/03/98
 PROBE: 9055A 238



SCALE: 50 M/CM
 TRUE DEPTH: 561.00 M
 AZIMUTH: 80.9
 DISTANCE: 162.6 M
 + = 100 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

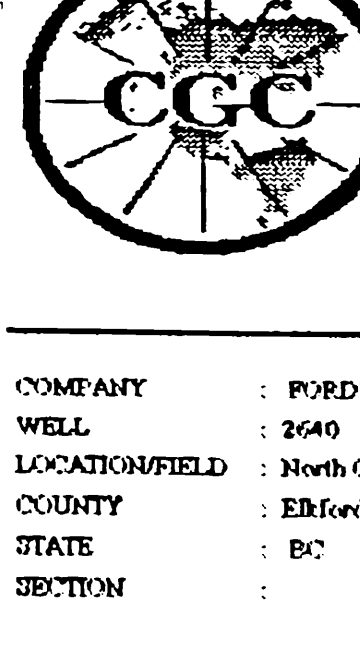
CLIENT : FORDING COAL LTD. HOLE ID. : 26-38
 FIELD OFFICE : CALGARY DATE OF LOG : 08/03/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 26-38_08-03-98_17-59_9055A_10_30.20_561.40_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
31.8	31.80	-0.00	0.00	0.0	127.6	2.4	127.6
40.2	40.19	-0.21	0.34	0.4	121.9	2.7	129.7
50.2	50.18	-0.46	0.68	0.8	124.3	2.4	131.7
60.2	60.17	-0.64	1.05	1.2	121.3	2.5	103.5
70.2	70.16	-0.73	1.52	1.7	115.7	3.2	93.0
80.2	80.15	-0.80	2.07	2.2	111.3	3.3	92.8
90.2	90.12	-0.77	2.71	2.8	105.8	4.9	83.8
100.2	100.09	-0.60	3.52	3.6	99.6	5.1	70.7
110.2	110.04	-0.29	4.42	4.4	93.7	5.9	74.4
120.2	119.98	0.19	5.48	5.5	88.1	7.5	63.3
130.2	129.88	0.83	6.67	6.7	82.9	8.5	57.7
140.2	139.75	1.71	8.02	8.2	78.0	10.0	54.1
150.2	149.59	2.63	9.52	9.9	74.5	10.6	59.1
160.2	159.41	3.63	11.15	11.7	72.0	11.6	57.7
170.2	169.20	4.68	12.91	13.7	70.1	11.4	61.0
180.2	178.97	5.80	14.70	15.8	68.5	12.4	59.7
190.2	188.71	7.01	16.58	18.0	67.1	12.8	59.6
200.2	198.45	8.24	18.52	20.3	66.0	13.2	59.0
210.2	208.18	9.40	20.52	22.6	65.4	13.6	59.5
220.2	217.87	10.57	22.68	25.0	65.0	14.6	62.1
230.2	227.51	11.94	24.94	27.7	64.4	16.3	58.0
240.2	237.08	13.41	27.42	30.5	63.9	16.4	63.6
250.2	246.61	14.81	30.11	33.6	63.8	18.3	63.4
260.2	256.13	16.25	32.84	36.6	63.7	17.9	63.0
270.2	265.62	17.69	35.64	39.8	63.6	18.4	64.4
280.2	275.08	19.11	38.53	43.0	63.6	18.9	65.7
290.2	284.52	20.48	41.54	46.3	63.8	19.4	66.7
300.2	293.91	21.78	44.73	49.8	64.0	20.4	66.9
310.2	303.25	23.01	48.09	53.3	64.4	21.3	69.4
320.2	312.55	24.23	51.54	56.9	64.8	22.8	68.2
330.2	321.83	25.34	55.10	60.7	65.3	22.1	72.8
340.2	331.09	26.42	58.72	64.4	65.8	22.3	74.5
350.2	340.32	27.44	62.42	68.2	66.3	22.9	74.8
360.2	349.54	28.34	66.18	72.0	66.8	23.2	76.3
370.2	358.74	29.12	70.02	75.8	67.4	23.5	79.1
380.2	367.88	29.77	74.04	79.8	68.1	24.3	82.9
390.2	376.96	30.29	78.19	83.9	68.8	25.9	81.5
400.2	385.96	30.71	82.51	88.0	69.6	26.3	83.9
410.2	394.94	30.93	86.90	92.2	70.4	26.9	88.4
420.2	403.86	31.03	91.43	96.6	71.3	27.0	88.9
430.2	412.74	31.06	96.03	100.9	72.1	27.4	90.1
440.2	421.59	31.01	100.67	105.3	72.9	27.9	92.5
450.2	430.43	30.97	105.34	109.8	73.6	27.7	91.8
460.2	439.28	30.97	110.00	114.3	74.3	28.0	89.7
470.2	448.05	30.96	114.81	118.9	74.9	29.2	89.8
480.2	456.79	30.88	119.66	123.6	75.5	28.9	91.4
490.2	465.52	30.75	124.54	128.3	76.1	29.9	87.5
500.2	474.15	30.48	129.57	133.1	76.8	30.9	92.8
510.2	482.76	30.02	134.64	137.9	77.4	30.9	96.4
520.2	491.35	29.41	139.72	142.8	78.1	30.3	101.0
530.2	499.91	28.71	144.84	147.7	78.8	30.8	95.3

* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 26-38
 FIELD OFFICE : CALGARY DATE OF LOG : 08/03/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 26-38_08-03-98_17-59_9055A_10_30.20_561.40_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
540.2	508.48	27.81	149.91	152.5	79.5	30.9	101.2
550.2	517.00	26.83	155.05	157.4	80.2	31.6	101.4
560.2	525.55	25.73	160.12	162.2	80.9	30.5	113.0
561.1	526.32	25.62	160.56	162.6	80.9	30.8	104.9



Century GEOPHYSICAL CORP.

2640

COMPANY : FORDRIS COAL LTD.
 WELL : 2640
 LOCATION/FIELD : North Cattle
 COUNTY : Ebfied
 STATE : B.C.
 SECTION :
 DATE : 09/04/78
 DEPTH DRILLER : 599
 LOG BOTTOM : 598.90
 LOG TOP : 0.80
 CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

OTHER SERVICES : 147082.9N
 997 2640
 995 26462.0 E
 1990 4

BIT SIZE : 13.335
 MAGNETIC DEVL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATEDL : SANDSTONE

PERMANENT DATUM :
 LOG MEASURED FROM : KB
 DRL MEASURED FROM : CL
 LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J. Orndorff

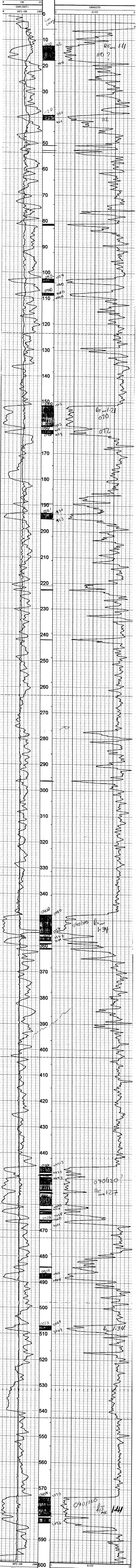
TOWNSHIP :
 RANGE :
 FILE : PROCESSED
 TYPE : 9000AA

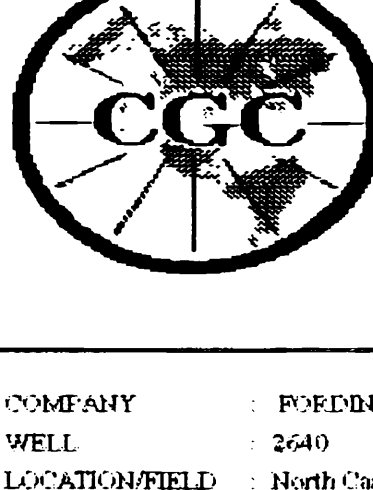
THRESH: 20000

Open Hole Density

ALL SERVICES FROM

TERMS AND CONDITIONS





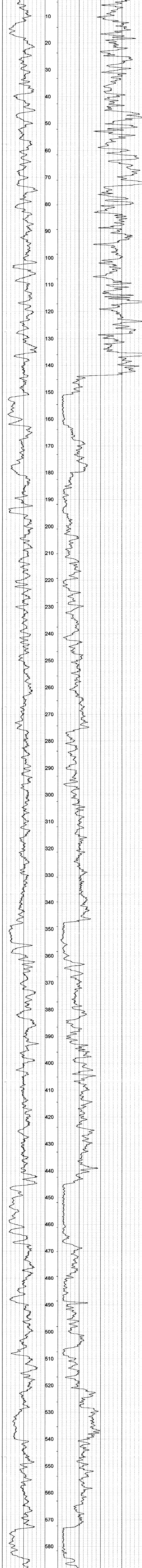
Centruy GEOPHYSICAL CORP.

2640

COMPANY	FOREBROOK LTD.	OTHER SERVICES	
WELL	2640	9055	
LOCATION/FIELD	North Castle	9030	
COUNTY	Elford		
STATE	BC		
SECTION		TOWNSHIP	RANGE
DATE	09/03/98	PERMANENT DATUM	KE
DEPTH DRILLER	599	LOG MEASURED FROM	EF
LOGS BOTTOM	599.00	DRL. MEASURED FROM	OL
LOG TOP	0.40	LOGGING UNIT	9612
CASING DIAMETER	16	FIELD OFFICE	CALGARY
CASING TYPE	STEEL	RECORDED BY	J Greatchuk
CASING THICKNESS	0	BOREHOLE FLUID	0
BIT SIZE	13.535	EM	0
MAGNETIC DECL.	19	EM TEMPERATURE	0
MATRIX DENSITY	2.65	MATRIX DELTA	140
NEUTRON MATRIX	SANDSTONE		
		FILE	ORIGINAL
		TYPE	9067A
		THRESH	20000

Logged Through Code
Neutron

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



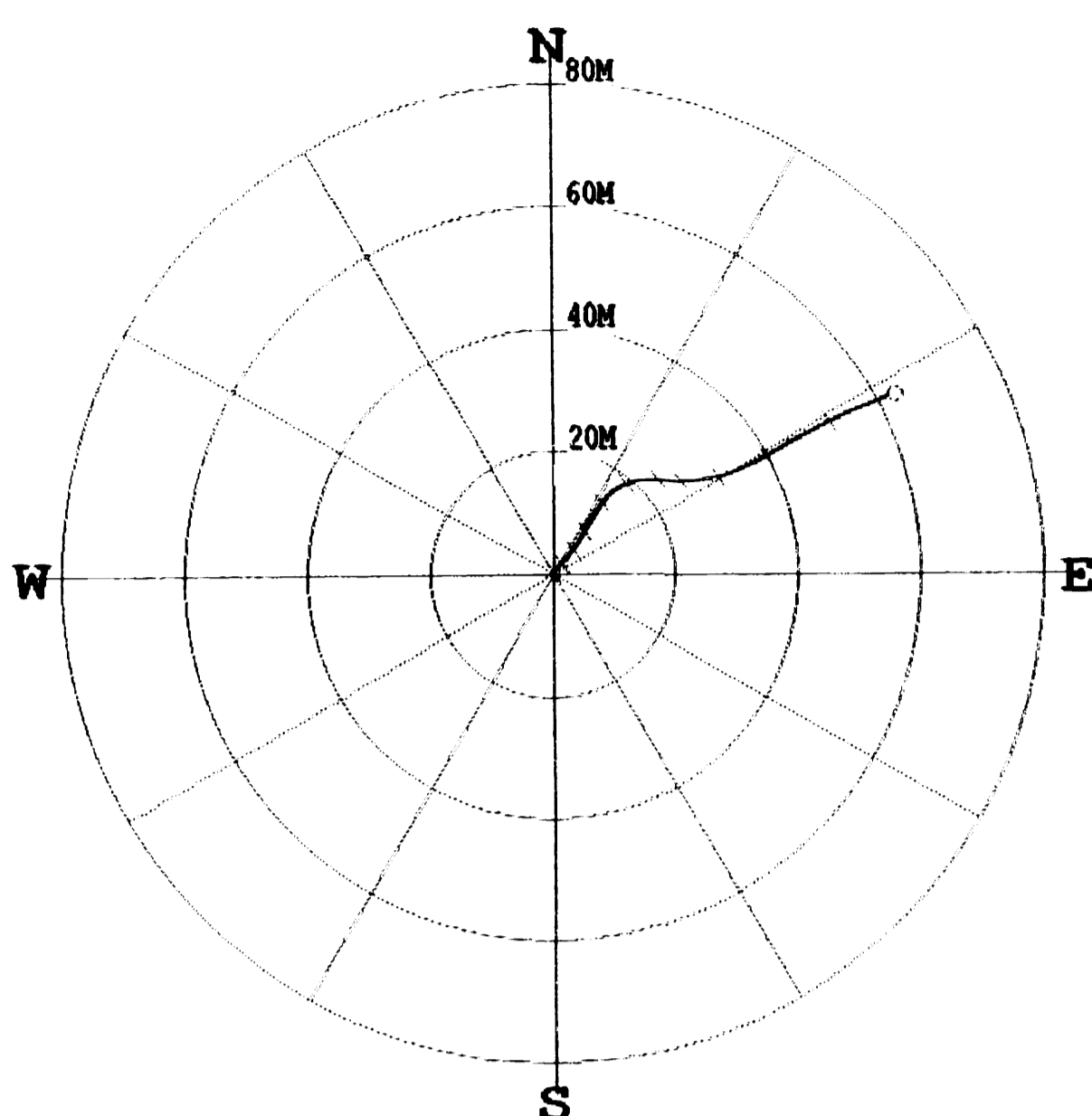
TOOL CALIBRATION 2640 09/03/98 20.23		SENSOR		STANDARD		RESPONSE	
TOOL	SERIAL NUMBER	GAMMA	NEUTRON	Default [API-GR]	Default [API-N]	Default [CPS]	Default [CPS]
1	525	May31 98	20 29 19	271 000 [API-N]	144 [CPS]		
2	5402 98	May31 98	20 29 19				
		S402 98	12 51 08				
		S402 98	12 51 08				

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 2640
 DATE OF LOG: 09/04/98
 PROBE: 9055A 238



SCALE: 10 M/CM
 TRUE DEPTH: 599.00 M
 AZIMUTH: 62.5
 DISTANCE: 63.0 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

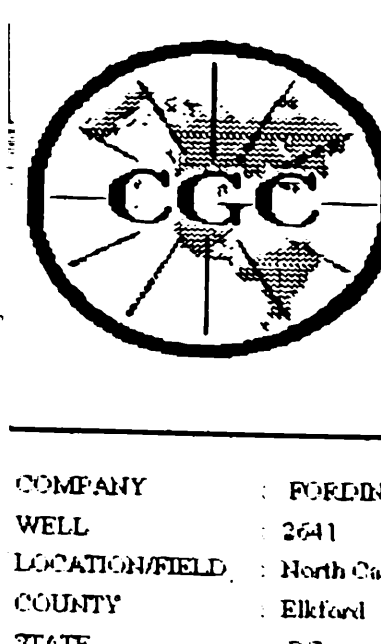
CLIENT : FORDING COAL LTD. HOLE ID. : 2640
 FIELD OFFICE : CALGARY DATE OF LOG : 09/04/98
 DATA FROM : PROBE : 9055A , 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2640_09-04-98_16-23_9055A_.10_15.30_599.00_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
16.9	16.90	0.00	-0.00	0.0	321.5	0.1	321.5
25.3	25.30	-0.02	-0.04	0.0	247.2	0.3	262.9
35.3	35.30	-0.02	-0.08	0.1	256.6	0.2	313.1
45.3	45.30	0.11	-0.06	0.1	330.5	1.2	23.2
55.3	55.29	0.33	0.13	0.4	21.0	2.0	39.6
65.3	65.29	0.58	0.35	0.7	31.5	1.9	47.9
75.3	75.28	0.83	0.60	1.0	35.5	2.1	50.0
85.3	85.27	1.17	0.89	1.5	37.5	3.1	48.9
95.3	95.26	1.54	1.25	2.0	38.9	3.1	43.5
105.3	105.24	1.93	1.60	2.5	39.6	3.1	38.6
115.3	115.23	2.36	1.95	3.1	39.6	3.4	30.3
125.3	125.21	2.81	2.31	3.6	39.4	3.4	29.9
135.3	135.19	3.30	2.67	4.2	38.9	3.7	35.9
145.3	145.17	3.84	3.05	4.9	38.4	3.9	39.3
155.3	155.15	4.38	3.45	5.6	38.2	3.8	36.0
165.3	165.13	4.93	3.85	6.3	38.0	4.2	34.8
175.3	175.10	5.49	4.24	6.9	37.7	3.6	29.2
185.3	185.08	6.08	4.57	7.6	36.9	4.2	28.2
195.3	195.05	6.78	4.93	8.4	36.1	4.8	28.9
205.3	205.01	7.57	5.38	9.3	35.4	5.6	27.1
215.3	214.96	8.43	5.89	10.3	35.0	5.5	31.8
225.3	224.90	9.30	6.41	11.3	34.6	6.0	31.8
235.3	234.84	10.27	6.99	12.4	34.3	6.6	35.1
245.3	244.77	11.24	7.65	13.6	34.2	6.8	36.3
255.3	254.70	12.19	8.36	14.8	34.4	6.2	36.4
265.3	264.65	12.94	9.02	15.8	34.9	5.3	45.2
275.3	274.61	13.56	9.69	16.7	35.6	5.3	48.3
285.3	284.56	14.08	10.49	17.6	36.7	5.9	63.1
295.3	294.50	14.53	11.46	18.5	38.3	6.3	67.2
305.3	304.44	14.91	12.54	19.5	40.1	6.9	79.1
315.3	314.37	15.19	13.67	20.4	42.0	6.4	84.4
325.3	324.31	15.36	14.76	21.3	43.8	6.0	82.0
335.3	334.25	15.44	15.79	22.1	45.6	5.4	87.0
345.3	344.21	15.45	16.73	22.8	47.3	4.7	88.8
355.3	354.17	15.45	17.57	23.4	48.7	4.6	88.9
365.3	364.14	15.41	18.36	24.0	50.0	4.4	91.5
375.3	374.11	15.36	19.11	24.5	51.2	4.1	95.7
385.3	384.09	15.29	19.77	25.0	52.3	3.7	98.0
395.3	394.07	15.24	20.47	25.5	53.3	4.6	89.9
405.3	404.03	15.28	21.36	26.3	54.4	5.9	82.6
415.3	413.97	15.35	22.45	27.2	55.6	6.0	95.1
425.3	423.90	15.46	23.59	28.2	56.8	6.9	82.0
435.3	433.83	15.66	24.77	29.3	57.7	7.6	67.1
445.3	443.73	15.88	26.13	30.6	58.7	7.9	79.1
455.3	453.63	16.15	27.50	31.9	59.6	8.1	80.1
465.3	463.53	16.53	28.83	33.2	60.2	7.7	71.5
475.3	473.42	17.05	30.24	34.7	60.6	9.2	67.1
485.3	483.27	17.71	31.82	36.4	60.9	10.2	65.1
495.3	493.10	18.52	33.46	38.2	61.0	11.4	62.5
505.3	502.90	19.45	35.25	40.3	61.1	12.1	59.9
515.3	512.66	20.50	37.17	42.4	61.1	12.7	61.4

* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2640
 FIELD OFFICE : CALGARY DATE OF LOG : 09/04/98
 DATA FROM : PROBE : 9055A , 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2640_09-04-98_16-23_9055A_.10_15.30_599.00_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
525.3	522.40	21.56	39.15	44.7	61.2	13.0	63.2
535.3	532.13	22.64	41.18	47.0	61.2	13.6	60.2
545.3	541.85	23.74	43.27	49.4	61.2	13.9	62.3
555.3	551.55	24.77	45.47	51.8	61.4	13.7	67.8
565.3	561.23	25.84	47.75	54.3	61.6	14.8	66.9
575.3	570.89	26.79	50.13	56.8	61.9	15.4	71.1
585.3	580.54	27.75	52.56	59.4	62.2	15.4	68.9
595.3	590.18	28.76	55.03	62.1	62.4	15.6	68.7
598.7	593.45	29.10	55.90	63.0	62.5	16.4	64.9



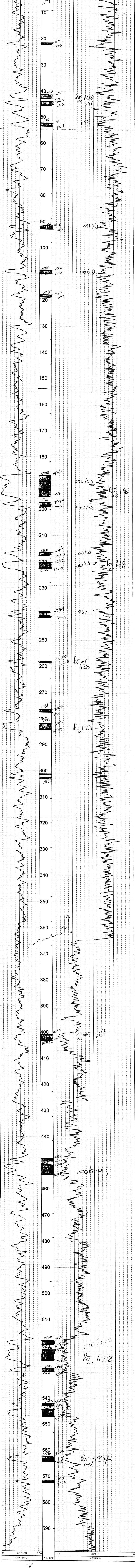
Century GEOPHYSICAL CORP.

2641

COMPANY	POREDOG COAL LTD.	OTHER SERVICES	146807.4
WELL	2641	9055	266993
LOCATION/FIELD	North Castle	9006	2016.7
COUNTY	Elkford		
STATE	BC		
SECTION			
TOWNSHIP			
DATE	06/13/98	PERMANENT DATUM	
DEPTH DRILLER	599	LOG MEASURED FROM	KB
LOG BOTTOM	598.60	DEL MEASURED FROM	DF
LOG TOP	0.40	LOGGING UNIT	9612
CASING DIAMETER	16	FIELD OFFICE	CALGARY
CASING TYPE	STEEL	RECORDED BY	J. Crossland
CASING THICKNESS	0	BOREHOLE FLUID	0
BIT SIZE	13.335	FM	0
MAGNETIC DECL.	19	FM TEMPERATURE	0
MATRIX DENSITY	2.65	MATRIX DELTAT	140
NEUTRON MATRIX	SANDSTONE		
		FILE PROCESSED	
		TYPE	9607A
		TIME	2000

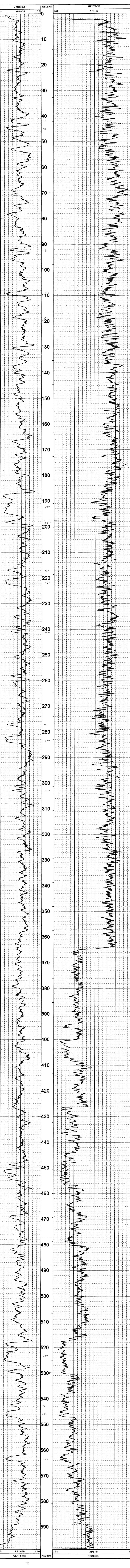
Logged Through Rods
Neutron

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



DATE	TIME	SENSOR	STANDARD	RESPONSE
JUL 16 98	13:11:01	GAMMA	211.00 (49.1)	384 (CP)
JUL 16 98	14:03:19	NEUTRON	211.00 (49.1)	384 (CP)
JUL 16 98	17:19	NEUTRON	211.00 (49.1)	384 (CP)

COMPANY : FURBER OIL LTD.	OTHER SERVICE : 000
WELL : 841	WELL : 900
LOCATION/AREA : Black-Cuba	
COUNTY : Black	
STATE : DC	
BLOCK : 10	
DATE : 04/15/68	PERMANENT CATHODIC : 0
DEPTH (GAS) : 319	LOG MEASURED FROM : 0
LOG BOTTOM : 319.40	LOG MEASURED FROM : 0
LOG TOP : 0.40	
CASING LOGGED : 0	LOGGING TIME : 1:11
FORMATION : 0	FIELD OFFICE : CALSABY
ONSDY THE NUMBER : 0	RECORDED BY : J. D. Smith
WELL SIZE : 13.33	LOGGERS PLIED : 0
MARKER DEPTH : 0	LOG : 0
MUD LOG : 0	LOG TEMPERATURE : 0
MUD LOG : 0	MUD LOG : 0
	DATE : 04/15/68
	TIME : 06:14
	DEPTH : 2000



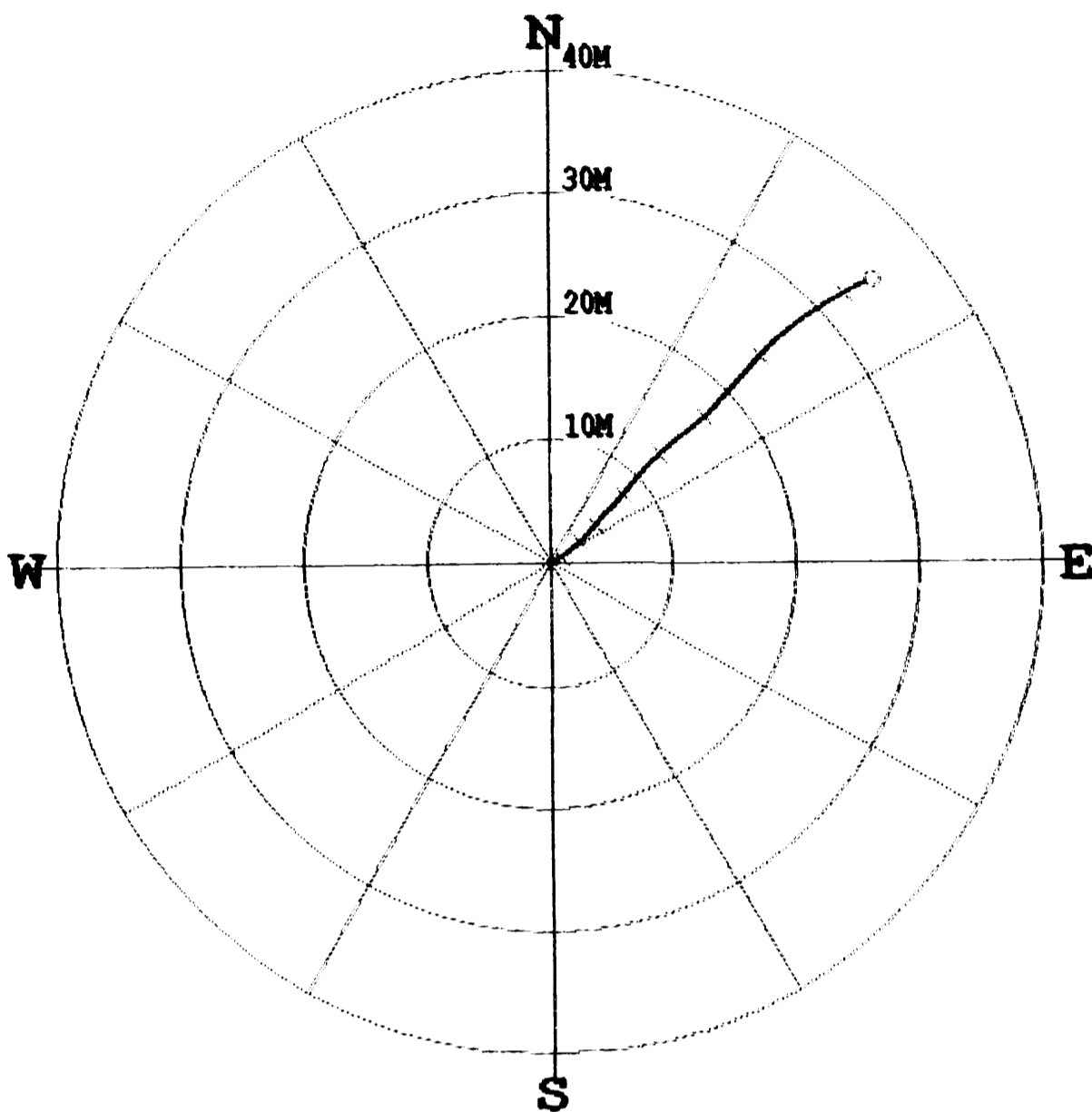
NO.	DATE	TIME	BY	REVISION
1	04/15/68	13:11	J. D. Smith	01
2	04/15/68	14:05	J. D. Smith	02

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 2641
 DATE OF LOG: 08/29/98
 PROBE: 9055A 238



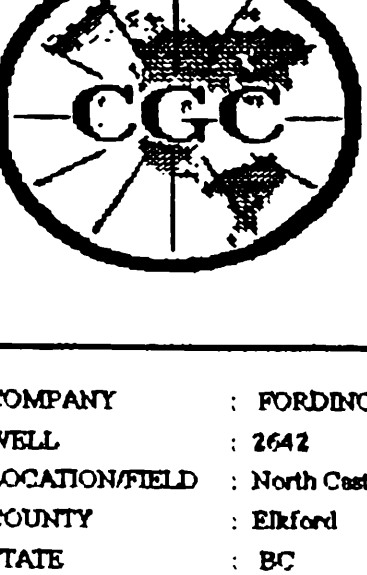
SCALE: 5 M/CM
 TRUE DEPTH: 465.00 M
 AZIMUTH: 48.8
 DISTANCE: 34.9 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2641
 FIELD OFFICE : CALGARY DATE OF LOG : 08/29/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2641_08-29-98_12-29_9055A_.10_61.30_464.70_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
62.9	62.90	0.00	0.00	0.0	68.2	1.4	68.2
71.3	71.30	0.10	0.17	0.2	59.8	1.6	55.2
81.3	81.29	0.22	0.41	0.5	61.7	1.4	64.8
91.3	91.29	0.33	0.67	0.7	63.5	1.6	68.6
101.3	101.29	0.47	0.94	1.0	63.4	1.9	60.1
111.3	111.28	0.64	1.24	1.4	62.6	2.2	55.4
121.3	121.27	0.87	1.54	1.8	60.6	2.1	60.0
131.3	131.26	1.12	1.85	2.2	58.8	2.3	50.7
141.3	141.25	1.41	2.17	2.6	57.0	2.5	54.3
151.3	151.25	1.67	2.47	3.0	55.9	2.2	48.1
161.3	161.24	1.89	2.72	3.3	55.2	1.7	46.5
171.3	171.24	2.09	2.93	3.6	54.6	1.5	47.8
181.3	181.23	2.35	3.16	3.9	53.3	2.1	43.7
191.3	191.22	2.68	3.43	4.4	52.0	2.6	40.1
201.3	201.21	3.06	3.75	4.8	50.7	3.1	43.7
211.3	211.19	3.50	4.13	5.4	49.7	3.4	38.5
221.3	221.17	3.98	4.57	6.1	48.9	4.0	40.4
231.3	231.15	4.48	5.03	6.7	48.3	3.9	41.9
241.3	241.12	4.99	5.49	7.4	47.7	4.1	41.5
251.3	251.09	5.57	5.99	8.2	47.1	4.4	38.3
261.3	261.06	6.19	6.50	9.0	46.4	4.9	44.5
271.3	271.02	6.88	7.11	9.9	45.9	5.3	42.9
281.3	280.98	7.56	7.76	10.8	45.7	5.5	42.8
291.3	290.93	8.22	8.41	11.8	45.7	5.3	44.3
301.3	300.89	8.87	9.09	12.7	45.7	5.4	49.8
311.3	310.84	9.49	9.80	13.6	45.9	5.3	51.8
321.3	320.80	10.07	10.51	14.6	46.2	5.2	52.9
331.3	330.76	10.60	11.21	15.4	46.6	5.2	52.8
341.3	340.72	11.16	11.93	16.3	46.9	5.4	49.8
351.3	350.67	11.80	12.68	17.3	47.0	5.9	45.9
361.3	360.60	12.63	13.49	18.5	46.9	7.2	38.3
371.3	370.52	13.57	14.34	19.7	46.6	7.2	38.5
381.3	380.43	14.59	15.26	21.1	46.3	8.0	41.4
391.3	390.33	15.65	16.21	22.5	46.0	8.2	41.4
401.3	400.22	16.73	17.20	24.0	45.8	8.5	46.8
411.3	410.09	17.84	18.31	25.6	45.7	9.3	43.2
421.3	419.96	18.90	19.54	27.2	46.0	9.4	51.7
431.3	429.82	19.89	20.87	28.8	46.4	9.7	54.1
441.3	439.67	20.82	22.31	30.5	47.0	10.5	58.1
451.3	449.50	21.77	23.91	32.3	47.7	11.0	67.4
461.3	459.30	22.70	25.67	34.3	48.5	11.6	66.2
464.4	462.33	22.96	26.24	34.9	48.8	11.8	67.3



COMPANY : FORDING COAL LTD.
WELL : 2642
LOCATION/FIELD : North Castle
COUNTY : Elfrord
STATE : BC

OTHER SERVICES:
9067
9065
2642

14CC55 3 N
26875.1E
2002.8

DATE : 06/21/98
DEPTH DRILLER : 659
LOG BOTTOM : 659.00
LOG TOP : 0.70

TOWNSHIP : _____

RANGE : _____

DATE : 06/21/98
DEPTH DRILLER : 659
LOG BOTTOM : 659.00
LOG TOP : 0.70
CASING DIAMETER : 16
CASING TYPE : STEEL
CASING THICKNESS : 0
BIT SIZE : 13.333
MAGNETIC DECL. : 19
MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE

PERMANENT DATUM : _____
LOG MEASURED FROM : _____
DRL. MEASURED FROM : _____
LOGGING UNIT : 9612
FIELD OFFICE : CALGARY
RECORDED BY : J Greenink

KB : _____
DE : _____
CL : _____

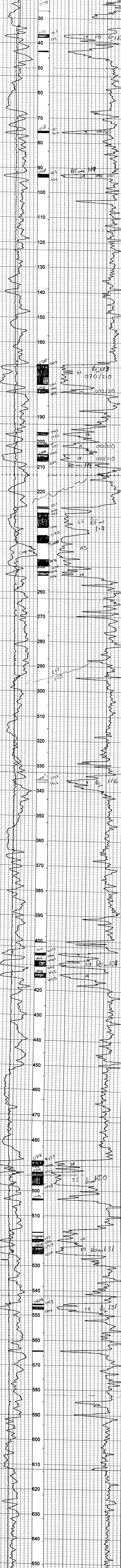
BOREHOLE FLUID : 0
FM : 0
FM TEMPERATURE : 0
MATRIX DELTA T : 140

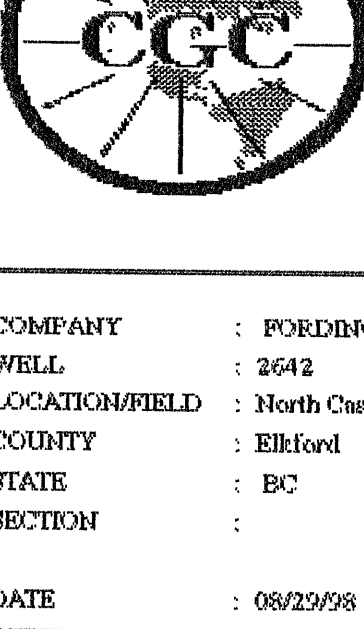
FILE : PROCESSED
TYPE : 9030AA
THRESH: 20000

Open Hole Density

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

129/1
to F 72
43/1
to S 477





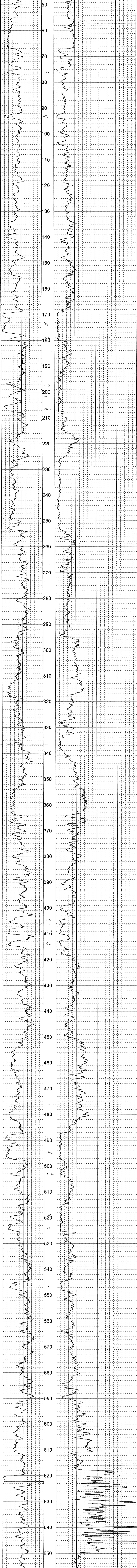
Century GEOPHYSICAL CORP.

2642

COMPANY : FORDING COAL LTD.	OTHER SERVICES:
WELL : 2642	9030
LOCATION/FIELD : North Castle	9055
COUNTY : Elbert	
STATE : BC	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 08/29/98	PERMANENT DATUM :
DEPTH DRILLER : 659	LOG MEASURED FROM :
LOG BOTTOM : 659.30	DEL. MEASURED FROM :
LOG TOP : 1.40	LOGGING UNIT : 9612
CASING DIAMETER : 16	FIELD OFFICE : CALGARY
CASING TYPE : STEEL	RECORDED BY : J Overstak
CASING THICKNESS : 0	
BIT SIZE : 13.335	BOREHOLE FLUID : 0
MAGNETIC DECL. : 12	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : SANDSTONE	MATRIX DELTAT : 140
	FILE : PROCESSED
	TYPE : 9067A
	THRESH: 20000

Logged Through Rods
Neutron

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



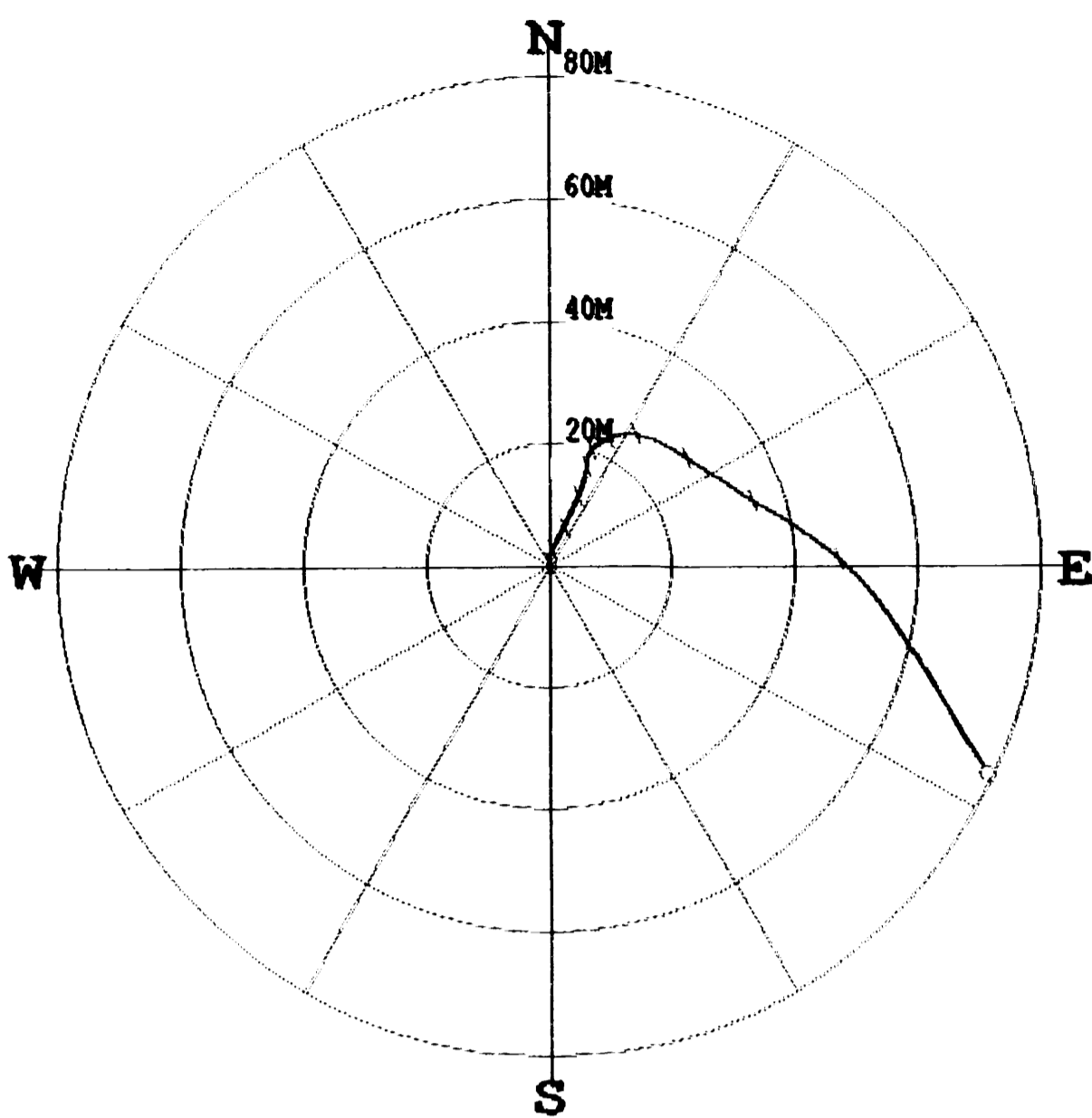
TOOL	DATE	TIME	SENSOR	STANDARD	RESPONSE
TOOL 9878					
SERIAL NUMBER	514				
1	Jul14_98	20:08:21	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jul14_98	20:08:21	GAM(NAT)	Default [API-GR]	Default [CPS]
	Aug24_98	13:16:19	NEUTRON	211.000 [API-N]	137 [CPS]
	Aug24_98	13:16:13	NEUTRON	Default [API-N]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 2642
 DATE OF LOG: 08/29/98
 PROBE: 9055A 238



SCALE: 10 M/CM
 TRUE DEPTH: 659.00 M
 AZIMUTH: 115.6
 DISTANCE: 78.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

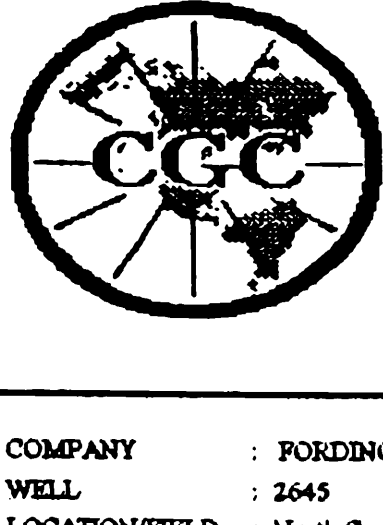
CLIENT : FORDING COAL LTD. HOLE ID. : 2642
 FIELD OFFICE : CALGARY DATE OF LOG : 08/29/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2642_08-29-98_14-10_9055A_10_35.20_659.70_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
36.8	36.80	0.00	-0.00	0.0	343.4	1.8	343.4
45.2	45.20	0.27	-0.06	0.3	347.7	1.9	355.2
55.2	55.19	0.61	-0.07	0.6	353.1	2.1	358.8
65.2	65.18	0.95	-0.06	1.0	356.3	2.1	4.9
75.2	75.18	1.34	0.00	1.3	0.2	2.5	14.9
85.2	85.17	1.78	0.12	1.8	3.8	2.9	13.3
95.2	95.15	2.29	0.31	2.3	7.8	3.2	26.5
105.2	105.13	2.86	0.59	2.9	11.6	3.8	30.9
115.2	115.11	3.48	0.91	3.6	14.6	4.4	30.9
125.2	125.07	4.19	1.27	4.4	16.9	4.8	27.2
135.2	135.03	5.06	1.67	5.3	18.3	5.7	24.9
145.2	144.98	5.98	2.12	6.3	19.5	5.6	30.3
155.2	154.92	6.88	2.57	7.3	20.5	6.0	27.1
165.2	164.87	7.81	3.05	8.4	21.3	5.9	26.1
175.2	174.81	8.81	3.52	9.5	21.8	6.4	21.7
185.2	184.74	9.83	3.99	10.6	22.1	6.3	24.0
195.2	194.68	10.84	4.44	11.7	22.3	6.6	25.8
205.2	204.62	11.89	4.90	12.9	22.4	6.4	22.4
215.2	214.55	12.94	5.31	14.0	22.3	6.0	17.7
225.2	224.50	13.94	5.63	15.0	22.0	5.9	20.8
235.2	234.44	14.99	5.96	16.1	21.7	6.6	19.9
245.2	244.39	15.95	6.18	17.1	21.2	4.3	15.6
255.2	254.35	16.79	6.30	17.9	20.6	4.5	10.1
265.2	264.32	17.49	6.37	18.6	20.0	3.6	10.9
275.2	274.31	18.02	6.44	19.1	19.7	2.9	5.9
285.2	284.30	18.46	6.57	19.6	19.6	2.7	20.4
295.2	294.29	18.82	6.80	20.0	19.9	2.4	37.8
305.2	304.28	19.17	7.13	20.4	20.4	3.2	39.0
315.2	314.26	19.54	7.60	21.0	21.2	3.5	56.5
325.2	324.24	19.89	8.13	21.5	22.2	3.7	60.2
335.2	334.21	20.26	8.72	22.1	23.3	3.9	64.7
345.2	344.19	20.60	9.36	22.6	24.4	4.5	67.3
355.2	354.16	20.92	10.07	23.2	25.7	4.3	71.0
365.2	364.13	21.16	10.77	23.7	27.0	4.3	70.3
375.2	374.10	21.42	11.51	24.3	28.3	4.9	83.2
385.2	384.06	21.53	12.40	24.8	29.9	5.7	86.6
395.2	394.00	21.46	13.47	25.3	32.1	6.7	91.1
405.2	403.91	21.21	14.73	25.8	34.8	8.0	97.2
415.2	413.80	20.79	16.14	26.3	37.8	9.0	107.7
425.2	423.67	20.28	17.70	26.9	41.1	9.9	112.1
435.2	433.51	19.54	19.30	27.5	44.6	10.8	117.3
445.2	443.31	18.56	21.03	28.0	48.6	12.3	123.1
455.2	453.06	17.45	22.94	28.8	52.7	13.0	120.8
465.2	462.80	16.23	24.86	29.7	56.9	13.2	127.6
475.2	472.52	14.91	26.81	30.7	60.9	13.8	122.2
485.2	482.18	13.51	28.95	31.9	65.0	15.3	118.6
495.2	491.83	12.00	31.08	33.3	68.9	15.4	127.7
505.2	501.46	10.59	33.40	35.0	72.4	16.5	116.6
515.2	511.01	9.11	35.94	37.1	75.8	17.7	120.4
525.2	520.51	7.47	38.59	39.3	79.0	18.6	120.8
535.2	529.97	5.65	41.29	41.7	82.2	19.6	129.5

* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2642
 FIELD OFFICE : CALGARY DATE OF LOG : 08/29/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2642_08-29-98_14-10_9055A_10_35.20_659.70_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
545.2	539.36	3.61	44.04	44.2	85.3	20.4	128.3
555.2	548.71	1.35	46.78	46.8	88.3	21.3	129.1
565.2	558.01	-1.13	49.48	49.5	91.3	21.9	136.8
575.2	567.26	-3.97	52.01	52.2	94.4	23.2	138.1
585.2	576.43	-7.12	54.42	54.9	97.5	24.0	146.1
595.2	585.54	-10.52	56.74	57.7	100.5	24.6	139.7
605.2	594.60	-14.02	59.08	60.7	103.3	25.0	143.0
615.2	603.67	-17.54	61.39	63.8	105.9	25.2	145.8
625.2	612.68	-21.25	63.59	67.0	108.5	25.1	150.5
635.2	621.69	-25.00	65.74	70.3	110.8	26.8	154.8
645.2	630.69	-28.76	67.93	73.8	112.9	26.2	144.7
655.2	639.68	-32.43	70.28	77.4	114.8	25.9	145.4
659.4	643.46	-34.00	71.10	78.8	115.6	25.6	151.4



Central GEOPHYSICAL CORP.

2645

COMPANY : FOKDING COAL LTD.
 WELL : 2645
 LOCATION/FIELD : North Castle
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9067
 9055 **2645**

1463872N
 267466E
 20594.

DATE : 08/18/98
 DEPTH DRILLER : 503
 LOG BOTTOM : 502.90
 LOG TOP : 0.80
 CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

TOWNSHIP :
 PERMANENT DATUM :
 LOG MEASURED FROM :
 DRL MEASURED FROM :
 LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Grechuk

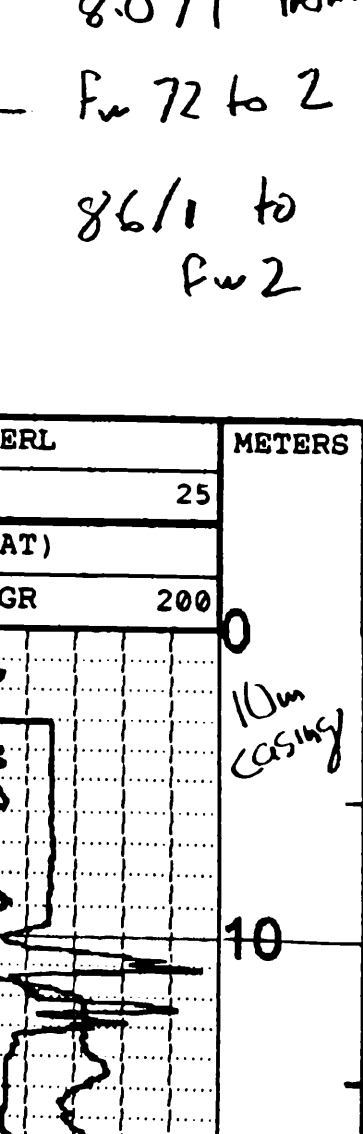
RANGE :
 KB :
 DF :
 GL :

BIT SIZE : 13.335
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

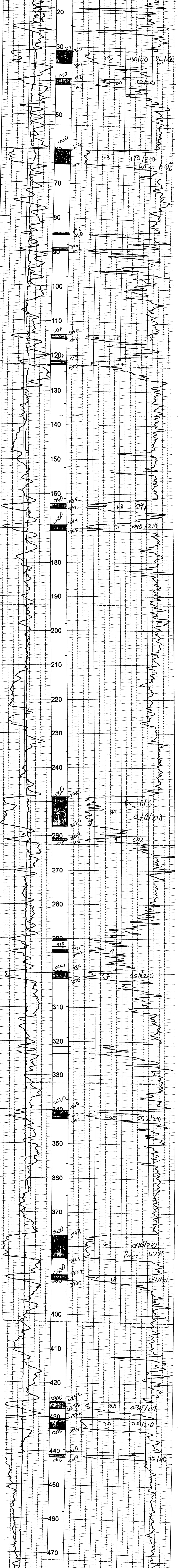
FILE : PROCESSED
 TYPE : 9030AA
 THRESH: 20000

9.1/1 to
 fu 72
 8.0/1 from
 fu 72 to 2
 8.6/1 to
 fu 2



Open Hole
 Density

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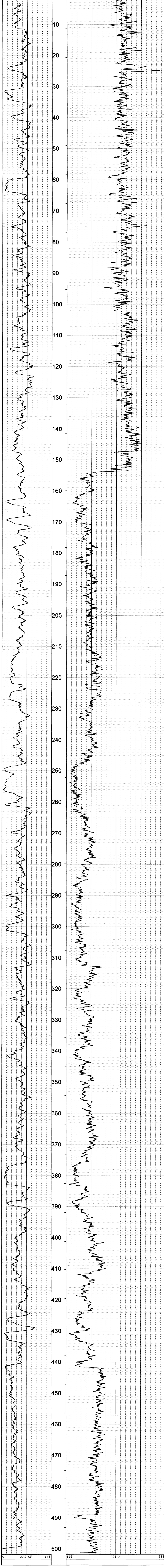




COMPANY	FORBING COAL LTD.	OTHER SERVICES:	
WELL	2645	9055	
LOCATION/FIELD	North Castle	9080	
COUNTY	Elkford		
STATE	BC		
SECTION		TOWNSHIP	RANGE
DATE	08/17/98	PERMANENT DATUM	
DEPTH DRILLER	503	LOG MEASURED FROM:	KE
LOG BOTTOM	501.60	DFL MEASURED FROM:	DF
LOG TOP	0.30		OL
CASING DIAMETER	16	LOGGING UNIT	9612
CASING TYPE	STEEL	FIELD OFFICE	CALGARY
CASING THICKNESS	0	RECORDED BY	J Greenbank
BIT SIZE	13.335	BOREHOLE FLUID	0
MAGNETIC DECL	19	EM	0
MATRIX DENSITY	2.65	EM TEMPERATURE	0
NEUTRON MATRIX	SANDSTONE	MATRIX DELTAT	140
		FILE	ORIGINAL
		TYPE	96C7A
		THRESH	20000

Logged Through Bore
Neutron

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



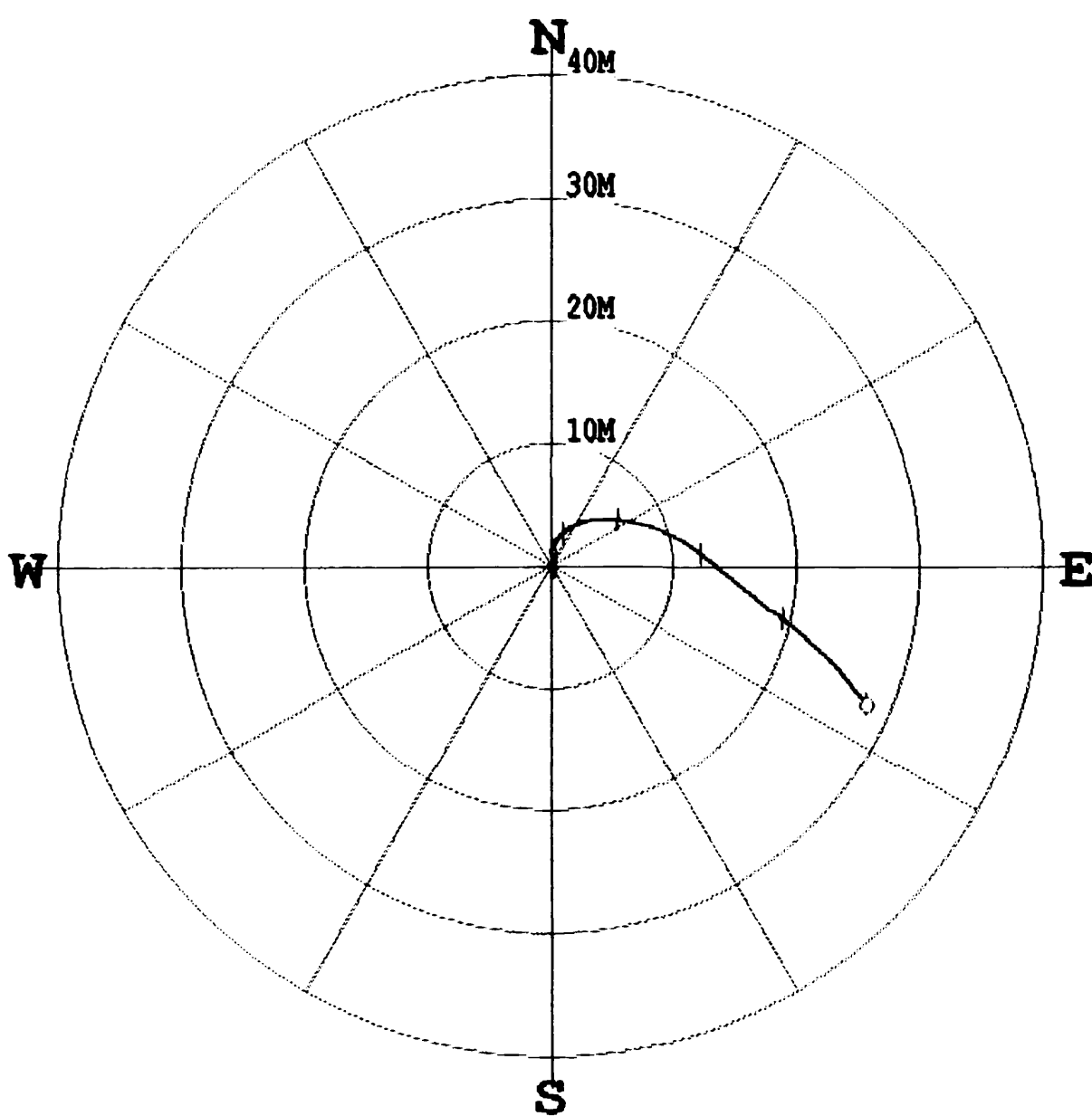
TOOL CALIBRATION 2645 08/17/98 20:15				
TOOL 9067A				
SERIAL NUMBER 643				
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jul16.98 13:11:01	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jul16.98 14:03:19	NEUTRON	271.000 [API-N]	384 [CPS]
	Jul16.98 14:03:19	NEUTRON	Default [API-N]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 2645
 DATE OF LOG: 08/18/98
 PROBE: 9055A 238



SCALE: 5 M/CM
 TRUE DEPTH: 503.00 M
 AZIMUTH: 113.7
 DISTANCE: 28.0 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2645
 FIELD OFFICE : CALGARY DATE OF LOG : 08/18/98
 DATA FROM : PROBE : 9055A , 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2645_08-18-98_13-43_9055A_10_18.10_503.20_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
19.7	19.70	-0.00	0.00	0.0	145.2	0.4	145.2
28.1	28.10	-0.05	0.03	0.1	151.4	0.3	152.0
38.1	38.10	-0.08	0.05	0.1	145.8	0.3	103.8
48.1	48.10	-0.07	0.11	0.1	123.5	0.3	57.1
58.1	58.10	-0.07	0.17	0.2	113.2	0.3	144.5
68.1	68.10	-0.11	0.21	0.2	117.4	0.5	116.9
78.1	78.10	-0.13	0.26	0.3	116.7	0.3	114.5
88.1	88.10	-0.15	0.29	0.3	117.4	0.2	2.8
98.1	98.10	-0.15	0.28	0.3	117.7	0.1	147.5
108.1	108.10	-0.12	0.29	0.3	113.2	0.1	304.8
118.1	118.10	-0.07	0.29	0.3	103.4	0.5	8.9
128.1	128.10	0.05	0.32	0.3	81.6	0.8	8.2
138.1	138.10	0.15	0.35	0.4	67.7	0.6	18.3
148.1	148.10	0.24	0.40	0.5	58.6	0.6	22.2
158.1	158.10	0.32	0.42	0.5	52.8	0.4	13.3
168.1	168.10	0.39	0.42	0.6	46.7	0.5	338.6
178.1	178.10	0.45	0.38	0.6	40.2	0.4	313.2
188.1	188.10	0.52	0.35	0.6	34.3	0.4	334.0
198.1	198.10	0.58	0.32	0.7	29.0	0.4	331.0
208.1	208.09	0.66	0.27	0.7	22.2	0.6	331.7
218.1	218.09	0.73	0.23	0.8	17.5	0.3	347.0
228.1	228.09	0.80	0.18	0.8	12.5	0.6	314.5
238.1	238.09	0.90	0.11	0.9	7.1	0.9	340.6
248.1	248.09	1.05	0.07	1.1	3.9	1.1	339.3
258.1	258.09	1.22	0.04	1.2	2.1	1.1	7.8
268.1	268.09	1.44	0.11	1.4	4.3	1.5	17.9
278.1	278.08	1.75	0.27	1.8	8.8	2.3	26.5
288.1	288.07	2.18	0.55	2.2	14.0	3.2	34.6
298.1	298.05	2.60	0.92	2.8	19.4	3.4	49.1
308.1	308.04	2.98	1.37	3.3	24.6	3.3	46.5
318.1	318.01	3.32	1.96	3.9	30.6	4.4	62.0
328.1	327.97	3.62	2.81	4.6	37.8	5.5	70.3
338.1	337.91	3.77	3.85	5.4	45.6	6.9	89.0
348.1	347.84	3.79	5.09	6.3	53.3	7.4	89.6
358.1	357.74	3.60	6.44	7.4	60.8	8.2	103.1
368.1	367.64	3.28	7.84	8.5	67.3	8.4	105.6
378.1	377.53	2.78	9.21	9.6	73.2	8.3	111.3
388.1	387.42	2.15	10.57	10.8	78.5	8.6	116.4
398.1	397.30	1.32	11.83	11.9	83.6	8.8	128.1
408.1	407.17	0.34	13.09	13.1	88.5	9.4	137.5
418.1	417.03	-0.73	14.33	14.4	92.9	9.5	128.3
428.1	426.89	-1.80	15.62	15.7	96.6	10.0	131.7
438.1	436.75	-2.91	16.89	17.1	99.8	9.9	122.7
448.1	446.59	-3.94	18.32	18.7	102.1	10.6	129.4
458.1	456.42	-5.07	19.72	20.4	104.4	10.8	121.3
468.1	466.25	-6.29	21.13	22.0	106.6	11.0	134.7
478.1	476.06	-7.60	22.50	23.7	108.7	11.1	126.6
488.1	485.87	-9.01	23.81	25.5	110.7	11.6	143.5
498.1	495.67	-10.53	25.06	27.2	112.8	11.3	141.3
502.9	500.38	-11.26	25.64	28.0	113.7	11.1	138.0



Century GEOPHYSICAL CORP.

2646

COMPANY : FORDING COAL LTD.
 WELL : 2646
 LOCATION/FIELD : North Castle
 COUNTY : Elkford
 STATE : BC
 SECTION :
 TOWNSHIP :
 RANGE :

OTHER SERVICES:
 9051
 9055 **2646**

1468011 N
 264019E
 20816

DATE : 08/22/98
 DEPTH DRILLER : 449
 LOG BOTTOM : 449.00
 LOG TOP : 0.80

PERMANENT DATUM :

KB
 DF
 GL

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS : 0

LOG MEASURED FROM:

DRL MEASURED FROM:

BIT SIZE : 13.335
 MAGNETIC DEVL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

LOGGING UNIT : 9612

FIELD OFFICE : CALGARY

RECORDED BY : J Grzechuk

BOREROLE FLUID : 0

RM : 0

RM TEMPERATURE : 0

MATRIX DELTA T : 140

FILE : PROCESSED

TYPE : 9030AA

THRESH: 20000

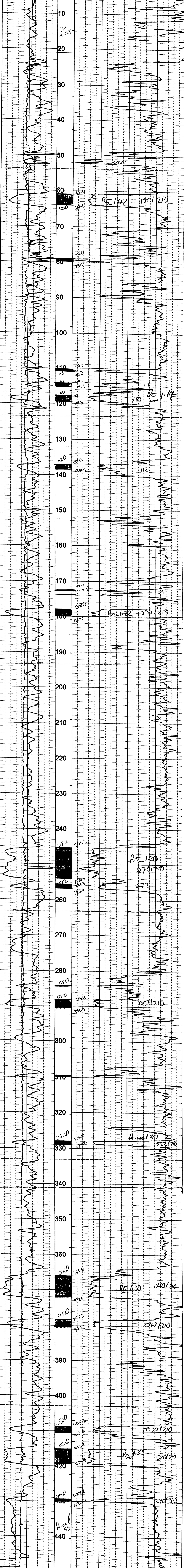
Open Hole

Density

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

0.9/1
 to 2.30

8.0/1
 to 2





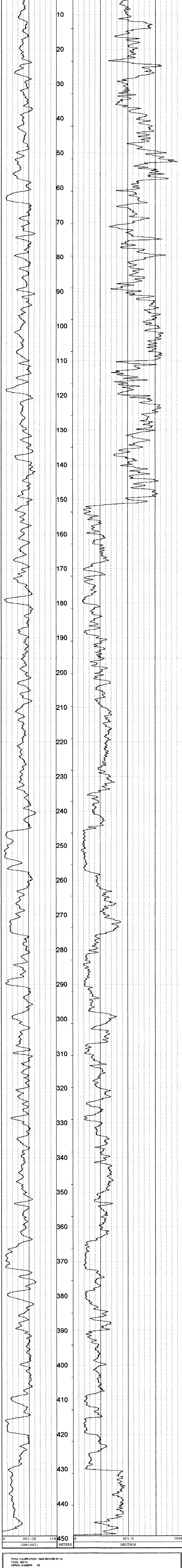
Centruy GEOPHYSICAL CORP.

2646

COMPANY	POREDOG COAL LTD.	OTHER SERVICES	
WELL	2646	9055	
LOCATION/FIELD	North Castle	9030	
COUNTY	ERLETON		
STATE	BC		
SECTION		TOWNSHIP	RANGE
DATE	08/22/98	PERMANENT DATUM	
DEPTH DRILLER	449		KB
LOG BOTTOM	449.10	LOG MEASURED FROM	LF
LOG TOP	0.00	DEL MEASURED FROM	GL
CASING DIAMETER	16	LOGGING UNIT	9612
CASING TYPE	STEEL	FIELD OFFICE	CALGARY
CASING THICKNESS	0	RECORDED BY	J. Greenhalgh
BIT SIZE	13.333	BOREHOLE FLUID	0
MAGNETIC DEFL.	19	KM	0
MATRIX DENSITY	2.65	EM TEMPERATURE	0
NEUTRON MATRIX	SANDSTONE	MATRIX DELTA T	140
			THRESH 20000

Logged Through Rods
Neutron

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



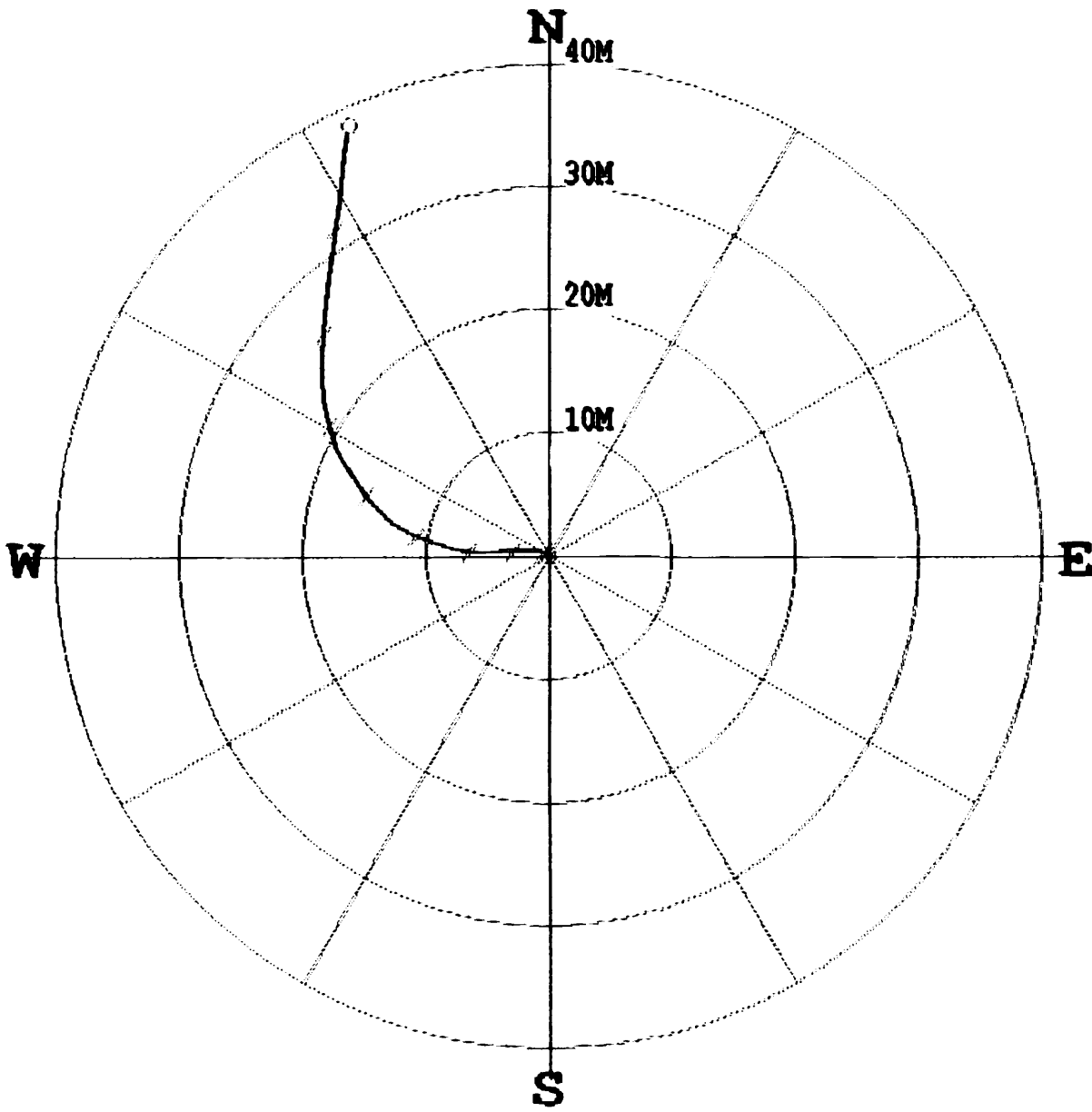
DATE	TIME	SENSOR	STANDARD	RESPONSE
1	Jul18.98 16:29:19	GAM(NAT)	Default [API-GR]	Default [CPS]
2	Jul18.98 17:14:01	NEUTRON	Default [API-N]	Default [CPS]
3	Jul18.98 16:29:19	CCL	Default [DELT-CPS]	Default [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 2646
 DATE OF LOG: 08/22/98
 PROBE: 9055A 238



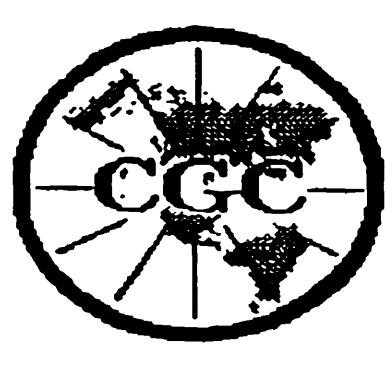
SCALE: 5 M/CM
 TRUE DEPTH: 449.00 M
 AZIMUTH: 335.2
 DISTANCE: 38.5 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2646
 FIELD OFFICE : CALGARY DATE OF LOG : 08/22/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2646_08-22-98_05-56_9055A_10_30.20_449.30_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
31.8	31.80	0.00	-0.00	0.0	310.9	1.7	310.9
40.2	40.20	0.16	-0.16	0.2	315.1	1.6	317.1
50.2	50.19	0.33	-0.40	0.5	309.5	1.4	279.7
60.2	60.19	0.43	-0.70	0.8	301.8	2.0	280.2
70.2	70.18	0.45	-1.09	1.2	292.5	2.6	260.4
80.2	80.16	0.44	-1.64	1.7	285.1	3.7	283.0
90.2	90.14	0.47	-2.27	2.3	281.6	3.6	264.5
100.2	100.12	0.42	-2.91	2.9	278.2	3.7	282.8
110.2	110.10	0.39	-3.58	3.6	276.2	3.1	267.2
120.2	120.08	0.36	-4.23	4.2	274.8	3.8	276.8
130.2	130.05	0.32	-4.90	4.9	273.8	3.9	260.0
140.2	140.03	0.32	-5.66	5.7	273.3	4.6	271.6
150.2	150.00	0.39	-6.43	6.4	273.5	4.4	279.6
160.2	159.97	0.48	-7.17	7.2	273.9	4.4	277.7
170.2	169.93	0.68	-8.00	8.0	274.8	5.2	290.6
180.2	179.89	0.95	-8.87	8.9	276.1	5.5	293.9
190.2	189.84	1.31	-9.80	9.9	277.6	4.5	279.9
200.2	199.79	1.67	-10.72	10.8	278.9	6.1	299.8
210.2	209.73	2.12	-11.65	11.8	280.3	5.9	295.4
220.2	219.68	2.63	-12.55	12.8	281.8	5.8	308.6
230.2	229.62	3.36	-13.36	13.8	284.1	6.2	308.5
240.2	239.56	4.15	-14.11	14.7	286.4	6.3	319.4
250.2	249.50	5.00	-14.80	15.6	288.7	6.4	325.4
260.2	259.43	5.94	-15.44	16.5	291.0	7.0	328.5
270.2	269.36	6.92	-16.10	17.5	293.2	7.1	327.9
280.2	279.28	7.97	-16.73	18.5	295.5	7.0	323.0
290.2	289.20	9.11	-17.30	19.6	297.8	7.8	336.9
300.2	299.10	10.46	-17.72	20.6	300.6	8.1	347.0
310.2	309.00	11.83	-18.04	21.6	303.3	8.4	349.6
320.2	318.89	13.29	-18.25	22.6	306.1	8.5	0.2
330.2	328.78	14.75	-18.35	23.5	308.8	8.6	357.8
340.2	338.67	16.22	-18.30	24.5	311.6	8.6	3.6
350.2	348.55	17.79	-18.24	25.5	314.3	9.4	4.4
360.2	358.42	19.38	-18.09	26.5	317.0	9.5	8.0
370.2	368.28	21.02	-17.92	27.6	319.5	9.4	6.7
380.2	378.14	22.67	-17.71	28.8	322.0	9.6	8.9
390.2	387.99	24.40	-17.47	30.0	324.4	9.6	6.1
400.2	397.83	26.13	-17.26	31.3	326.6	10.5	8.8
410.2	407.66	27.95	-17.02	32.7	328.7	10.3	8.1
420.2	417.51	29.69	-16.84	34.1	330.4	9.9	5.0
430.2	427.36	31.38	-16.68	35.5	332.0	10.2	4.3
440.2	437.19	33.22	-16.48	37.1	333.6	12.2	6.4
449.0	445.81	34.99	-16.17	38.5	335.2	12.0	10.0



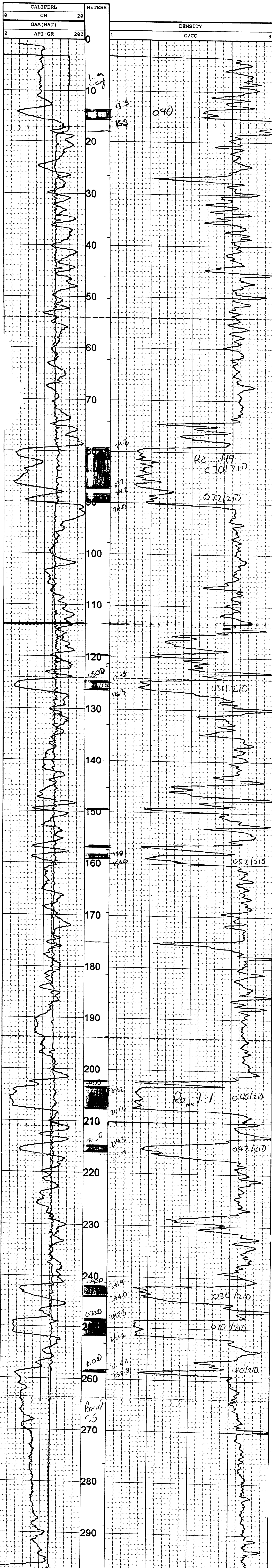
Centruw GEOPHYSICAL CORP.

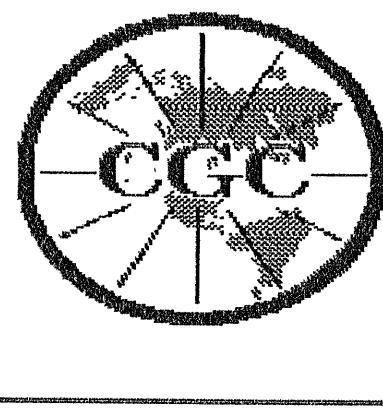
2647

COMPANY : FORDING COAL LTD.	OTHER SERVICES: 146 792 0 N
WELL : 2647	9067
LOCATION/FIELD : North Castle	9053
COUNTY : Elkford	2647 26105 7 E
STATE : BC	1991-2 m
SECTION :	TOWNSHIP :
	RANGE :
DATE : 09/06/98	PERMANENT DATUM :
DEPTH DRILLER : 299	LOG MEASURED FROM: KB :
LOG BOTTOM : 298.80	DRL MEASURED FROM: DF :
LOG TOP : 1.00	GL :
CASING DIAMETER : 16	LOGGING UNIT : 9612
CASING TYPE : STEEL	FIELD OFFICE : CALGARY
CASING THICKNESS: 0	RECORDED BY : J Greenhut
BIT SIZE : 13.333	BOREHOLE FLUID : 0
MAGNETIC DECL : 19	KM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : SANDSTONE	MATRIX DELTAT : 140
	FILE : ORIGINAL
	TYPE : 9030AA
	THRESH: 20000

Open Hole
Density

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

2647

COMPANY : FORDING COAL LTD.
 WELL : 2647
 LOCATION/FIELD : North Castle
 COUNTY : Elkford
 STATE : BC
 SECTION :

OTHER SERVICES:
 9055
 9030

TOWNSHIP : RANGE :

DATE : 09/05/98
 DEPTH DRILLER : 299
 LOG BOTTOM : 299.20
 LOG TOP : 0.40

PERMANENT DATUM :
 LOG MEASURED FROM:
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : 16
 CASING TYPE : STEEL
 CASING THICKNESS: 0

LOGGING UNIT : 9612
 FIELD OFFICE : CALGARY
 RECORDED BY : J Greschuk

BIT SIZE : 13.333
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : SANDSTONE

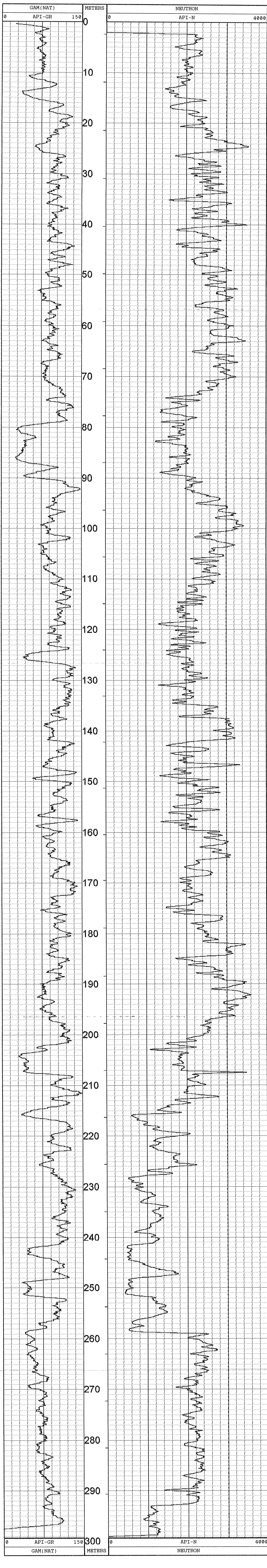
BOREHOLE FLUID : 0
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 140

FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

Logged Through Rods
 Neutron

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION 2647 09/05/98 07:03
 TOOL 9067A
 SERIAL NUMBER 525

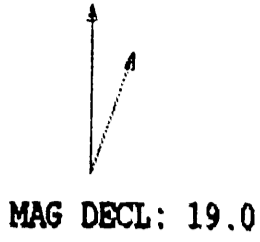
DATE	TIME
1 May91.98	20:23:19
2 May91.98	20:23:19
3 Sep02.98	12:51:08
4 Sep02.98	12:51:08

SENSOR	STANDARD
GAM(NAT)	Default [API-GR]
GAM(NAT)	Default [API-GR]
NEUTRON	Default [API-N]
NEUTRON	271.000 [API-N]

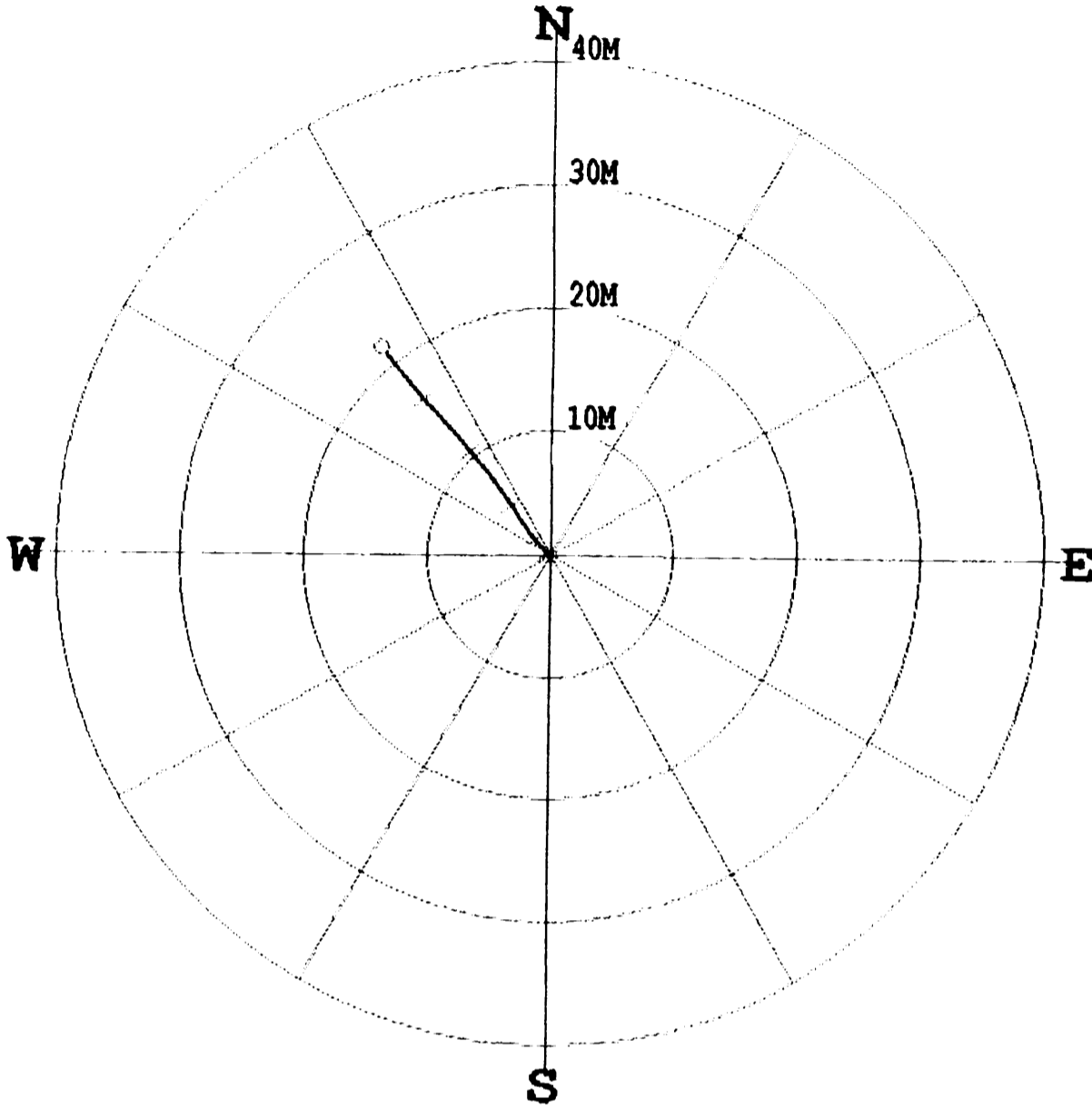
RESPONSE
Default [CPS]
Default [CPS]
Default [CPS]
144 [CPS]

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD.
 LOCATION: North Castle
 HOLE ID: 2647
 DATE OF LOG: 09/06/98
 PROBE: 9055A 238



SCALE: 5 M/CM
 TRUE DEPTH: 297.72 M
 AZIMUTH: 320.5
 DISTANCE: 21.7 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD. HOLE ID. : 2647
 FIELD OFFICE : CALGARY DATE OF LOG : 09/06/98
 DATA FROM : PROBE : 9055A 238
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 2647_09-06-98_21-28_9055A_.10_26.80_299.10_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
28.4	28.40	0.00	-0.00	0.0	290.5	1.2	290.5
36.8	36.80	0.04	-0.07	0.1	297.6	0.1	348.6
46.8	46.80	0.12	-0.23	0.3	297.4	1.4	312.3
56.8	56.79	0.27	-0.39	0.5	305.1	1.1	324.1
66.8	66.79	0.44	-0.52	0.7	310.2	1.2	313.9
76.8	76.79	0.63	-0.68	0.9	312.8	1.7	317.5
86.8	86.78	0.87	-0.92	1.3	313.4	2.4	328.0
96.8	96.77	1.20	-1.20	1.7	315.0	2.4	317.4
106.8	106.76	1.58	-1.48	2.2	316.9	2.8	323.1
116.8	116.75	2.00	-1.80	2.7	318.0	3.4	327.2
126.8	126.73	2.51	-2.14	3.3	319.5	3.5	326.9
136.8	136.70	3.12	-2.57	4.0	320.5	4.6	332.8
146.8	146.66	3.82	-3.04	4.9	321.5	4.9	324.8
156.8	156.63	4.55	-3.52	5.8	322.3	4.9	324.6
166.8	166.58	5.29	-4.07	6.7	322.4	5.6	316.8
176.8	176.52	6.14	-4.72	7.7	322.5	6.5	315.9
186.8	186.46	7.05	-5.46	8.9	322.3	6.9	325.5
196.8	196.38	7.98	-6.22	10.1	322.1	7.5	323.0
206.8	206.31	8.91	-7.01	11.3	321.8	6.6	318.2
216.8	216.24	9.79	-7.79	12.5	321.5	6.8	317.6
226.8	226.17	10.62	-8.55	13.6	321.2	6.1	318.4
236.8	236.11	11.46	-9.31	14.8	320.9	6.7	321.2
246.8	246.04	12.30	-10.10	15.9	320.6	6.6	319.7
256.8	255.98	13.15	-10.85	17.1	320.5	6.6	316.0
266.8	265.91	14.02	-11.56	18.2	320.5	6.0	326.1
276.8	275.85	14.86	-12.28	19.3	320.4	6.2	322.6
286.8	285.79	15.71	-12.98	20.4	320.5	6.1	323.9
296.8	295.73	16.57	-13.68	21.5	320.5	6.2	319.7
298.8	297.72	16.75	-13.82	21.7	320.5	6.6	322.8