

Centruy GEOPHYSICAL CORP.

27-37

COMPANY : FORDING COAL LTD
 WELL : 27-37
 LOCATION/FIELD : Fording River
 COUNTY : ELK-FORD
 STATE : BC
 SECTION :

DATE : 08/18/01
 DEPTH DRILLER : 581
 LOG BOTTOM : 578.27
 LOG TOP : 3.14

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

OTHER SERVICES
 9067

TOWNSHIP :

RANGE :

PERMANENT DATUM :

KB :

LOG MEASURED FROM : G L

DF :

DRL MEASURED FROM :

GL :

LOGGING UNIT : 9704

FIELD OFFICER : TH. SA. OV

RECORDED BY : J. GRESCHUK

BOREHOLE FLUID : H2O

FILE : ORIGINAL

RA : 0

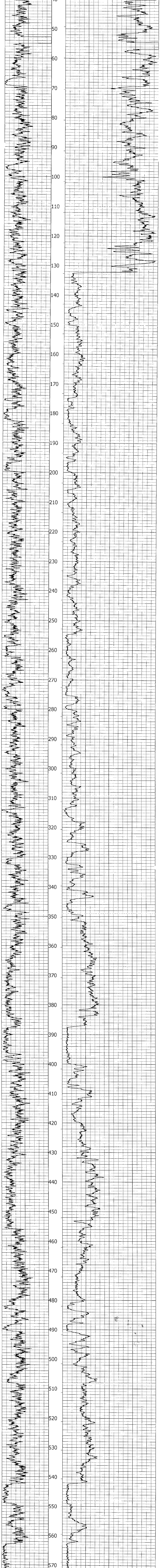
TYPE : 9067A

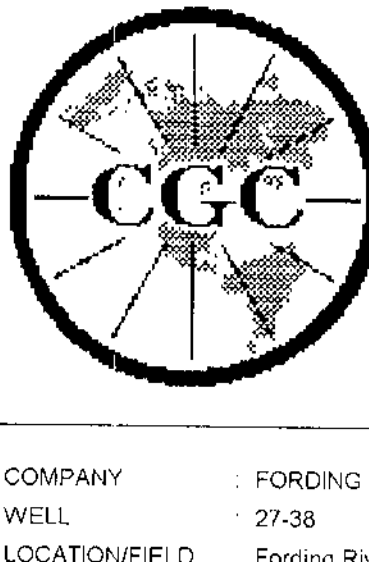
RM TEMPERATURE : 0

MATRIX DELTA T : 177

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-38

COMPANY : FORDING COAL LTD
 WELL : 27-38
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9030

TOWNSHIP : RANGE :

DATE : 08/22/01
 DEPTH DRILLER : 539
 LOG BOTTOM : 533.12
 LOG TOP : 2.83
 CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :
 LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

KB :
 DF :
 GL :

BIT SIZE : 14
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

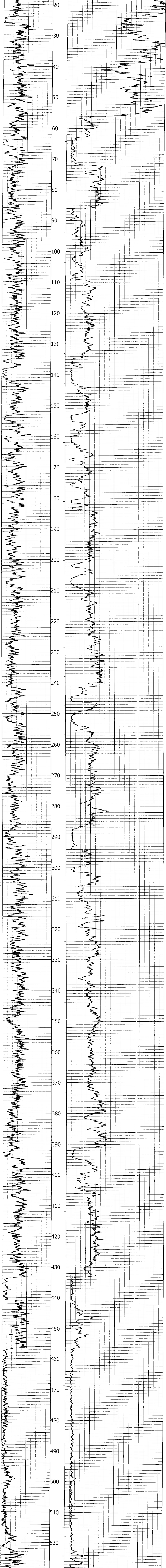
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

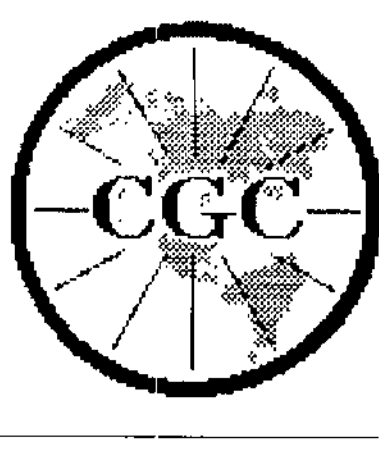
FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

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Century GEOPHYSICAL CORP.

27-40

COMPANY : FORDING COAL LTD
 WELL : 27-40
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B C
 SECTION :

OTHER SERVICES:
 9030
 9055

TOWNSHIP : RANGE :

DATE : 08/30/01
 DEPTH DRILLER : 307
 LOG BOTTOM : 305.05
 LOG TOP : 1.71

PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

KB :
 DF :
 GL :

CASING DIAMETER : 1R
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

BIT SIZE : 14
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

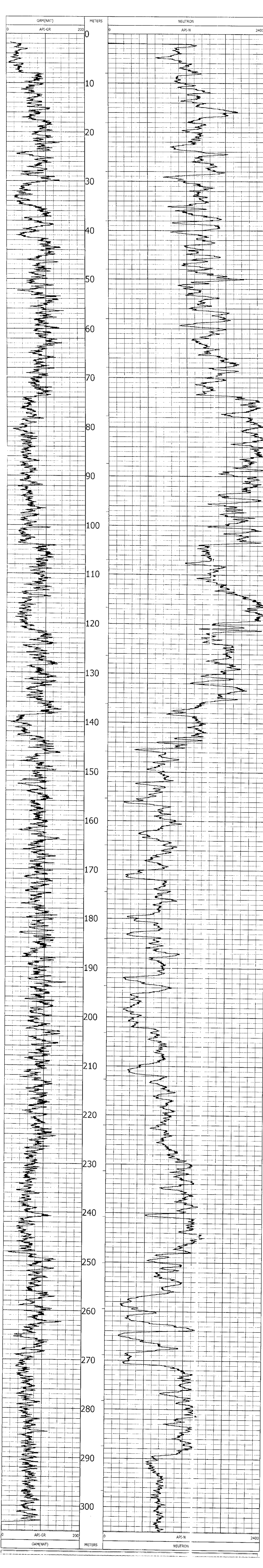
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

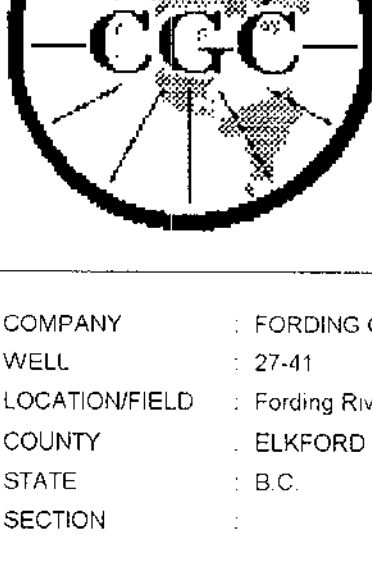
FILE : ORIGINAL
 TYPE : 9037A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873



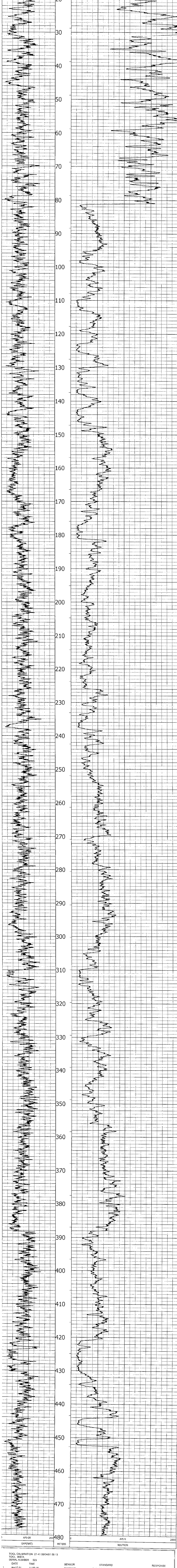


Century GEOPHYSICAL CORP.

27-41

COMPANY : FORDING COAL LTD	OTHER SERVICES : 9030
WELL : 27-41	9055
LOCATION/FIELD : Fording River	
COUNTY : ELKFORD	
STATE : B.C.	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 09/04/01	PERMANENT DATUM :
DEPTH DRILLER : 485	LOG MEASURED FROM : G.L.
LOG BOTTOM : 479.38	DRL MEASURED FROM :
LOG TOP : 2.57	LOGGING UNIT : 9704
CASING DIAMETER : .18	FIELD OFFICE : TULSA, OK
CASING TYPE : STEEL	RECORDED BY : J. GRESCHUK
CASING THICKNESS :	
BIT SIZE : 14	BOREHOLE FLUID : H2O
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	FILE : ORIGINAL
	TYPE : 9067A
	THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION 27-41 09/04/01 09:13
 TOOL 9067A
 SERIAL NUMBER 523

DATE	TIME	SENSOR	STANDARD	RESPONSE
1 Apr17.01	11:59:16	GAM(NAT)	Default [API-GR]	Default [CPS]
Apr17.01	09:59:16	GAM(NAT)	Default [API-GR]	Default [CPS]
2 Apr17.01	09:59:16	NEUTRON	Default [API-N]	Default [CPS]
Apr17.01	09:59:16	NEUTRON	Default [API-N]	Default [CPS]



Century GEOPHYSICAL CORP.

27-42

COMPANY : FORDING COAL LTD
 WELL : 27-42
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9030
 9055

TOWNSHIP :
 RANGE :

DATE : 09/07/01
 DEPTH DRILLER : 314
 LOG BOTTOM : 311.34
 LOG TOP : 1.73

PERMANENT DATUM :

KB :

LOG MEASURED FROM: G.L.

DF :

DRL MEASURED FROM :

GL :

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

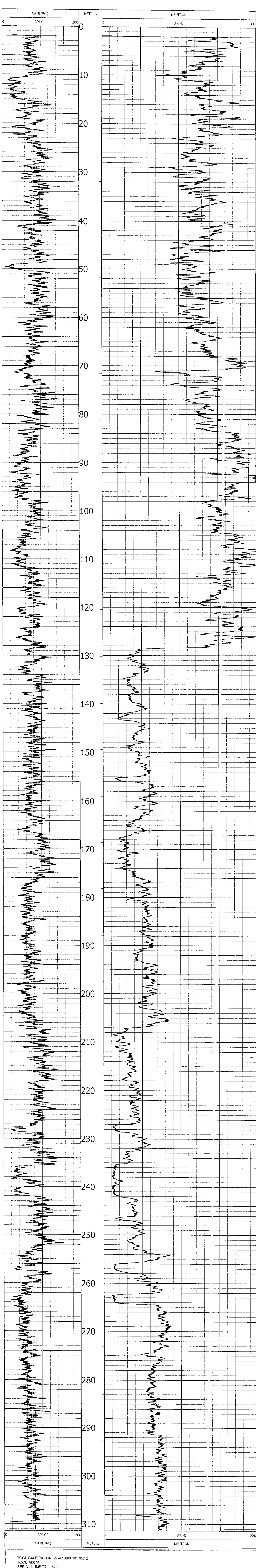
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

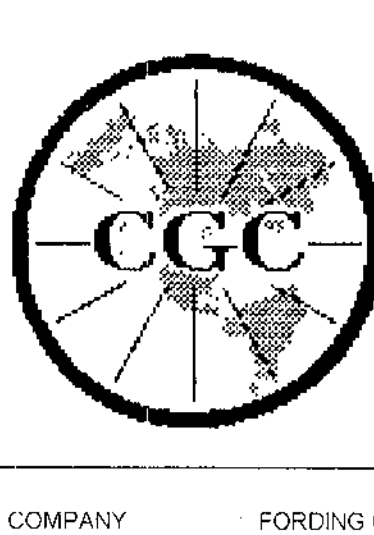
#873



TOOL CALIBRATION 27-42 09/07/01 05:12
 TOOL: 9067A
 SERIAL NUMBER: 523

DATE	TIME
1 Apr17,01	11:59:16
Apr17,01	09:59:16
2 Apr17,01	09:59:16
Apr17,01	09:59:16

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



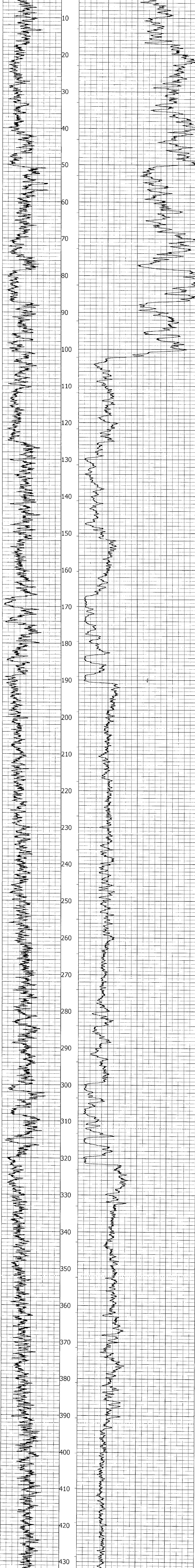
Century GEOPHYSICAL CORP.

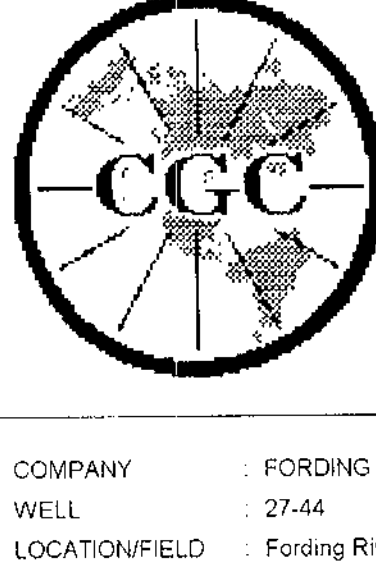
27-43

COMPANY	FORDING COAL LTD	OTHER SERVICES	
WELL	27-43	9055	
LOCATION/FIELD	Fording River	9030	
COUNTY	ELKFORD		
STATE	B.C.		
SECTION		TOWNSHIP	RANGE
DATE	09/06/01	PERMANENT DATUM	
DEPTH DRILLER	437	LOG MEASURED FROM	G.L.
LOG BOTTOM	436.77	DRL MEASURED FROM	GL
LOG TOP	2.37	LOGGING UNIT	9704
CASING DIAMETER	18	FIELD OFFICE	TJL SA OK
CASING TYPE	STFPI	RECORDED BY	J.GRESCHUK
CASING THICKNESS		BOREHOLE FLUID	H2O
BIT SIZE	14	RM	0
MAGNETIC DECL.	19	RM TEMPERATURE	0
MATRIX DENSITY	2.65	MATRIX DELTA T	177
NEUTRON MATRIX	sandstone	FILE	ORIGINAL
		TYPE	9067A
		THRESH.	20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873



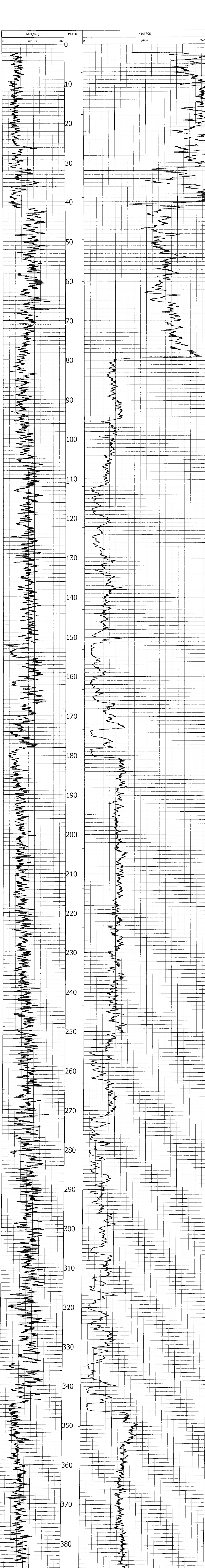


Century GEOPHYSICAL CORP.

27-44

COMPANY : FORDING COAL LTD	OTHER SERVICES : 9030
WELL : 27-44	9055
LOCATION/FIELD : Fording River	
COUNTY : ELKFORD	
STATE : B.C.	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 09/12/01	PERMANENT DATUM :
DEPTH DRILLER : 387	KB :
LOG BOTTOM : 389.86	LOG MEASURED FROM : G.L.
LOG TOP : 2.13	DRL MEASURED FROM :
	DF :
	GL :
CASING DIAMETER : 18	LOGGING UNIT : 9704
CASING TYPE : STEEL	FIELD OFFICE : TULSA, OK
CASING THICKNESS :	RECORDED BY : J. GRESCHUK
BIT SIZE : 14	BOREHOLE FLUID : H2O
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	FILE : ORIGINAL
	TYPE : 9067A
	THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





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Century GEOPHYSICAL CORP.

27-46

COMPANY : FORDING COAL L'D
 WELL : 27-46
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9055
 9030

TOWNSHIP : RANGE :

DATE : 09/16/01
 DEPTH DRILLER : 273

PERMANENT DATUM :

KB :

LOG BOTTOM : 269.09
 LOG TOP : 1.51

LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:

DF :
 GL :

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS:

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK.
 RECORDED BY : J.GRESCHUK

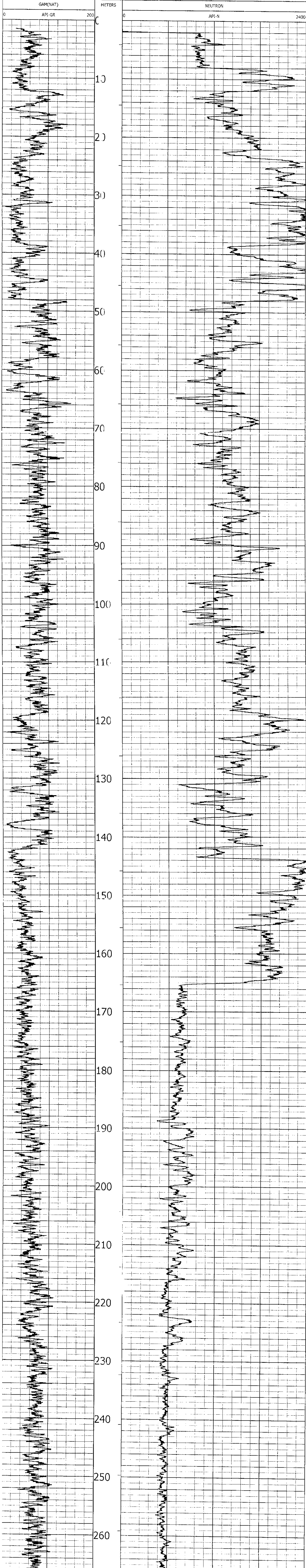
BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

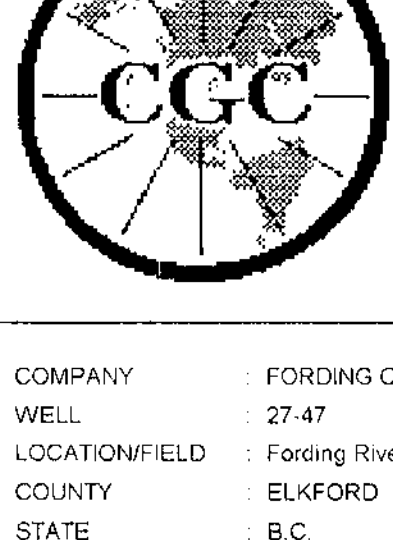
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9087A

THRESH: 20000

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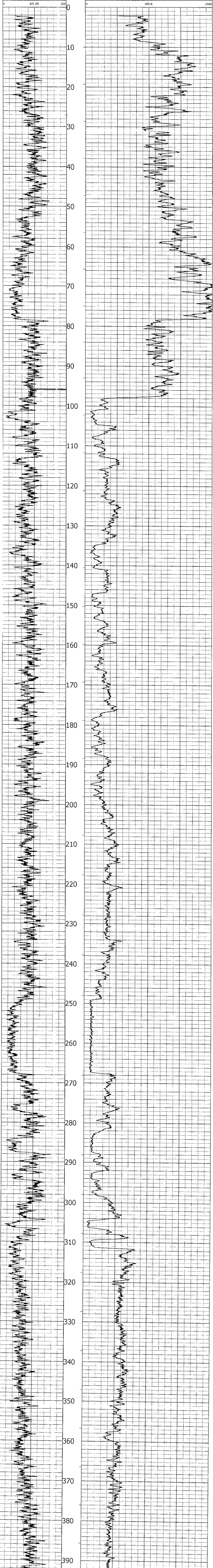


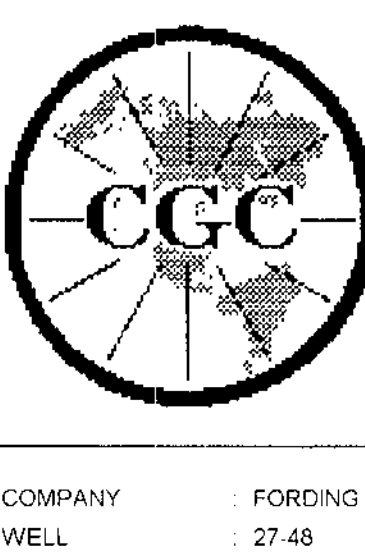
Century GEOPHYSICAL CORP.

27-47

COMPANY : FORDING COAL LTD	OTHER SERVICES : 9055
WELL : 27-47	9030
LOCATION/FIELD : Fording River	
COUNTY : ELKFORD	
STATE : B.C.	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 09/09/01	PERMANENT DATUM :
DEPTH DRILLER : 397	LOG MEASURED FROM : G.L.
LOG BOTTOM : 395.01	DRL MEASURED FROM :
LOG TOP : 2.19	
CASING DIAMETER : 18	LOGGING UNIT : 9704
CASING TYPE : STEEL	FIELD OFFICE : TJI SA OK
CASING THICKNESS :	RECORDED BY : J.GRESCHUK
BIT SIZE : 14	BOREHOLE FLUID : H2O
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	FILE : ORIGINAL
	TYPE : 9067A
	THRESH: 20000

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Century GEOPHYSICAL CORP.

27-48

COMPANY : FORDING COAL LTD
 WELL : 27-48
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :
 DATE : 09/11/01
 DEPTH DRILLER : 456
 LOG BOTTOM : 455.11
 LOG TOP : 2.43
 CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :
 BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

OTHER SERVICES
 9030
 9055

TOWNSHIP :
 PERMANENT DATUM :
 RANGE :

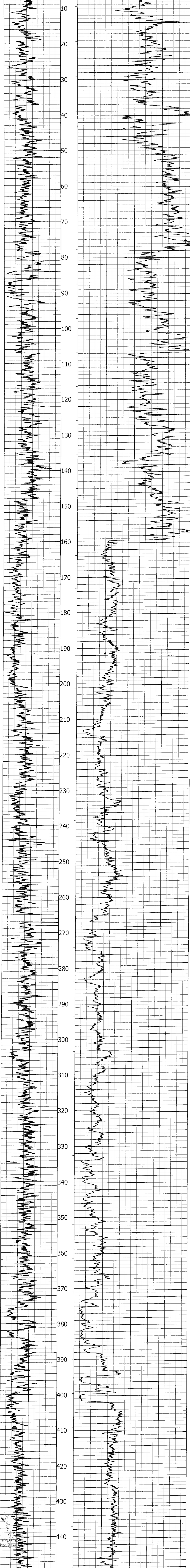
LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:
 LOGGING UNIT : 9704
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9067A
 THRESH. 20000

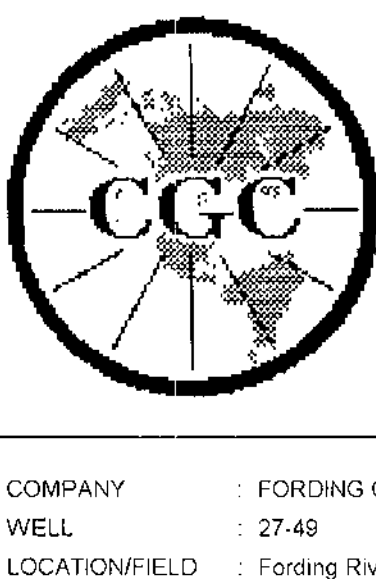
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873



TOOL CALIBRATION 27-48 09/11/01 09:19
 TOOL 9067A
 SERIAL NUMBER 523

DATE	TIME	SENSOR	STANDARD	RESPONSE
Apr17.01	11:59:18	GAM(NAT)	Default (API-GR)	Default (CPS)
Apr17.01	09:59:16	GAM(NAT)	Default (API-GR)	Default (CPS)
Apr17.01	09:59:16	NEUTRON	Default (API-N)	Default (CPS)
Apr17.01	09:59:16	NEUTRON	Default (API-N)	Default (CPS)



Century GEOPHYSICAL CORP.

27-49

COMPANY : FORDING COAL LTD
 WELL : 27-49
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES:
 9055
 9030

#873

DATE : 09/16/01
 DEPTH DRILLER : 497
 LOG BOTTOM : 491.15
 LOG TOP : 2.67

TOWNSHIP :

RANGE :

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:

KB :
 DF :
 GL :

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.85
 NEUTRON MATRIX : sandstone

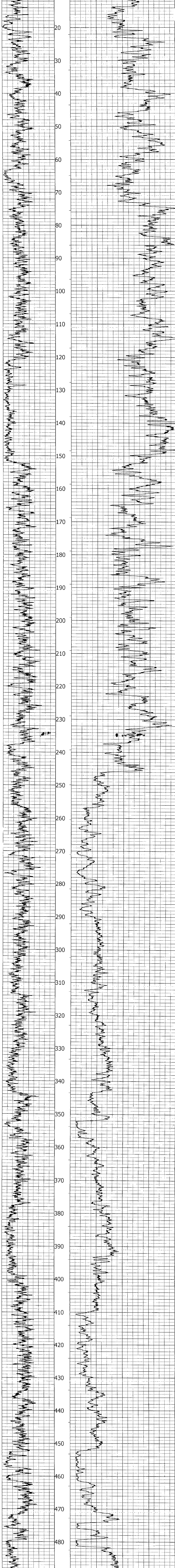
LOGGING UNIT : 9704
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

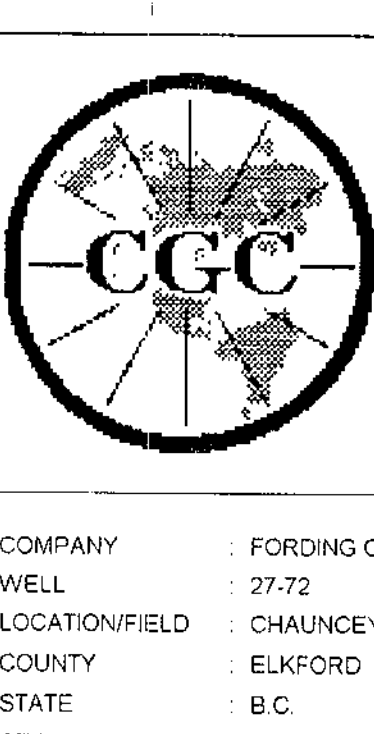
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9087A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





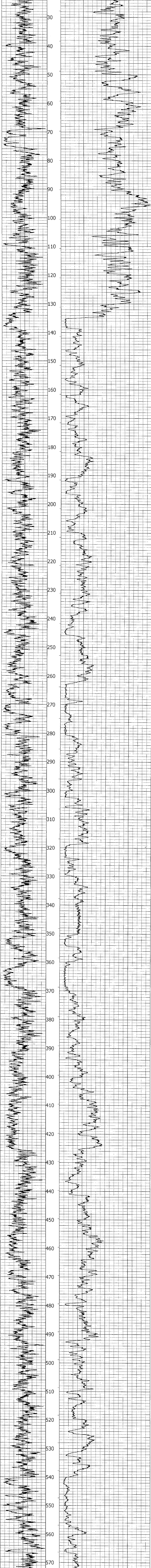
Century GEOPHYSICAL CORP.

27-72

COMPANY	FORDING COAL LTD	OTHER SERVICES	
WELL	27-72	9055	
LOCATION/FIELD	CHAUNCEY	9030	
COUNTY	ELKFORD		
STATE	B.C.		
SECTION		TOWNSHIP	RANGE
DATE	10/30/01	PERMANENT DATUM	
DEPTH DRILLER	582	LOG MEASURED FROM: G.L.	KB
LOG BOTTOM	584.05	ORL MEASURED FROM:	DF
LOG TOP	3.10		GL
CASING DIAMETER	18	LOGGING UNIT	9704
CASING TYPE	STEEL	FIELD OFFICE	TULSA OK.
CASING THICKNESS		RECORDED BY	J GRESCHUK
BIT SIZE	14	BOREHOLE FLUID	H2O
MAGNETIC DECL	19	RM	0
MATRIX DENSITY	2.65	RM TEMPERATURE	0
NEUTRON MATRIX	sandstone	MATRIX DELTA T	177
		FILE	ORIGINAL
		TYPE	9067A
		THRESH	20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873



TOOL CALIBRATION: 27-72 10/30/01 22:05		SENSOR		STANDARD		RESPONSE	
SERIAL NUMBER: 523		GAM(NAT)		Default [API-GR]		Default [CPS]	
1	DATE: Apr17.01	TIME: 09:59:16	GAM(NAT)	Default [API-GR]		Default [CPS]	
2	DATE: Apr17.01	TIME: 09:59:16	NEUTRON	Default [API-N]		Default [CPS]	



Century GEOPHYSICAL CORP.

27-50

COMPANY : FORDING COAL LTD
 WELL : 27-50
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES:
 9030
 9055

TOWNSHIP : RANGE :

DATE : 09/01/01
 DEPTH DRILLER : 227
 LOG BOTTOM : 119.20
 LOG TOP : 0.84

PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:
 KB :
 DF :
 GL :

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS:

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA,OK
 RECORDED BY : J.GRESCHUK

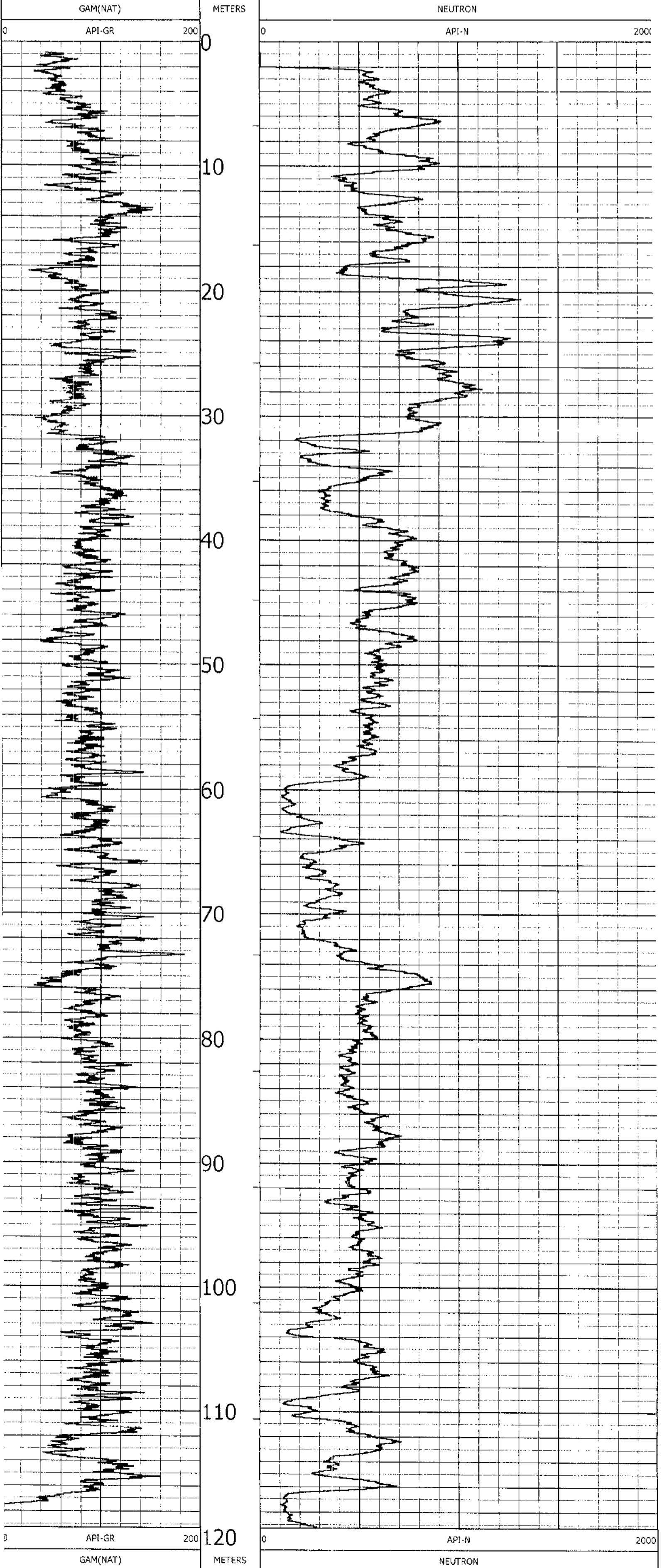
BIT SIZE : 14
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177
 FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873



#873



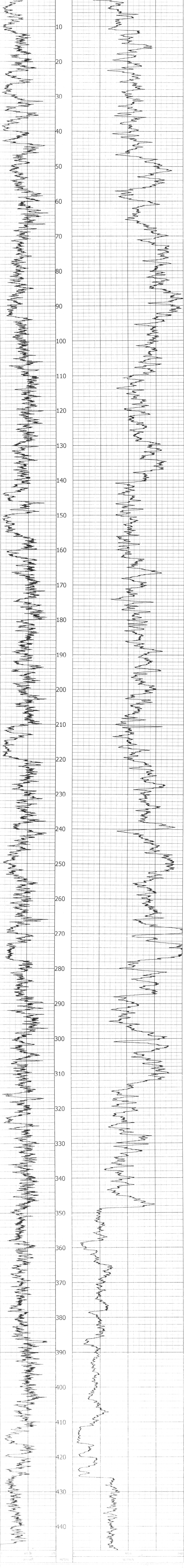
Century GEOPHYSICAL CORP.

27-3

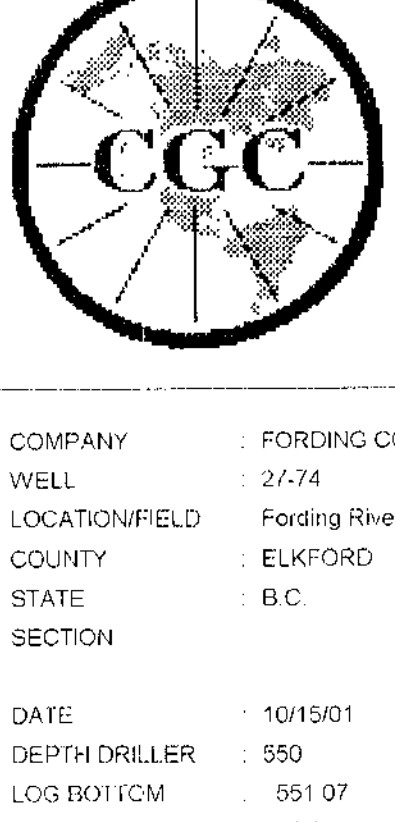
COMPANY	FORDING COAL LTD	OTHER SERVICES	
WELL	27-23	9050	
LOCATION/FIELD	FORDING RIVER	9055	
COUNTY	ELK FORD		
STATE	B.C.		
SECTION		TOWNSHIP	RANGE
DATE	10/24/01	PERMANENT DATUM	
DEPTH DRILLER	444		KE
LOG BOTTOM	446.79	LOG MEASURED FROM	CP
LOG TOP	2.45	DRL MEASURED FROM	CL
CASING DIAMETER	18	LOGGING UNIT	9704
CASING TYPE	STEEL	FIELD OFFICE	TULSRCK
CASING THICKNESS		RECORDED BY	JGRESCHUK
BIT SIZE	14	BOREHOLE FLUID	H2O
MAGNETIC DEC.	19	RM	0
MATRIX DENSITY	2.85	RM TEMPERATURE	0
NEUTRON MATRIX	sandstone	MATRIX DELTA T	177
			FILE ORIGINAL
			TYPE 0067A
			THRESH 20000

CHAUNCEY RD

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION	LOG SERIAL NUMBER	DATE	APR 17 2001	APR 17 2001	APR 17 2001
LOG SERIAL NUMBER	DATE	APR 17 2001	APR 17 2001	APR 17 2001	APR 17 2001
SENSOR	GAMMA-RAY	GAMMA-RAY	NEUTRON	NEUTRON	NEUTRON
STANDARD	Default API-GR	Default API-GR	Default API-N	Default API-N	Default API-N
RESPONSE	Default CP-GR	Default CP-GR	Default CP-N	Default CP-N	Default CP-N

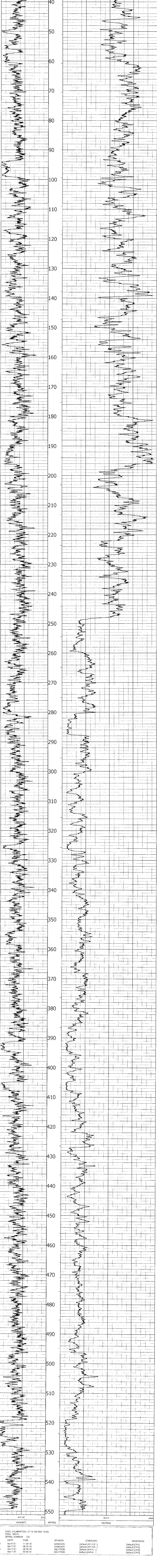


Century GEOPHYSICAL CORP.

27-74

COMPANY	FORDING COAL LTD	OTHER SERVICES	
WELL	27-74	9055	
LOCATION/FIELD	Fording River	9030	
COUNTY	ELKFORD		
STATE	B.C.		
SECTION		TOWNSHIP	RANGE
DATE	10/15/01	PERMANENT DATUM	
DEPTH DRILLER			KB
LOG BOTTOM	551.07	LOG MEASURED FROM	GL
LOG TOP	2.81	DRL MEASURED FROM	GL
CASING DIAMETER	18	LOGGING UNIT	9704
CASING THICKNESS		SHEATH TYPE	1 1/2 SA OK
		RECORDED BY	J.GRESCHUK
BIT SIZE	14	BOREHOLE FLUID	H2O
MAGNETIC DECL.	19	RM	0
MATRIX DENSITY	2.65	RM TEMPERATURE	0
NEUTRON MATRIX	sandstone	MATRIX DELTA T	177
		FILE	PROCESSED
		TYPE	9087A
		THRESH	20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION 27-74 10/15/01 19:09		SERIAL NUMBER 523	
DATE	TIME	SENSOR	STANDARD
1	Apr17.01 11:59:16	GAM(NAT)	Default [API-GR]
	Apr17.01 09:56:16	GAM(NAT)	Default [API-GR]
2	Apr17.01 09:56:16	NEUTRON	Default [API-N]
	Apr17.01 09:56:16	NEUTRON	Default [API-N]



Century GEOPHYSICAL CORP.

27-75

COMPANY : FORDING COAL LTD
 WELL : 27-75
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9055
 9030

#873

TOWNSHIP :
 RANGE :

DATE : 10/18/01
 DEPTH DRILLER : 341
 LOG BOTTOM : 340.05
 LOG TOP : 0.93

PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

KB :
 DF :
 GL :

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

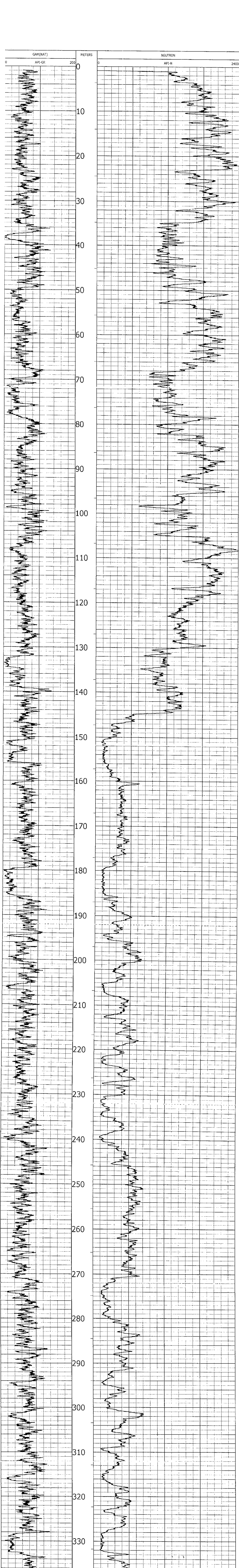
BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

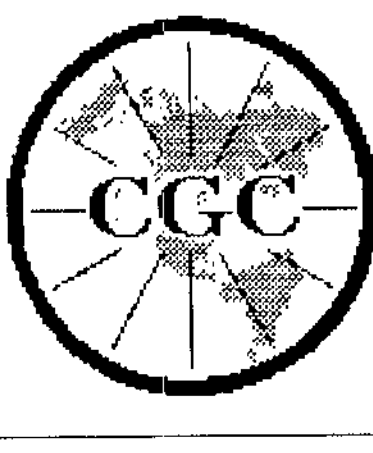
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-76

COMPANY : FORDING COAL LTD
 WELL : 27-76
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES :
 9030
 9055

7573

DATE : 10/20/01
 DEPTH DRILLER : 305
 LOG BOTTOM : 308.86
 LOG TOP : 1.75

TOWNSHIP :

RANGE :

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

PERMANENT DATUM :

KB :

BIT SIZE : 14
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

DF :
 GL :

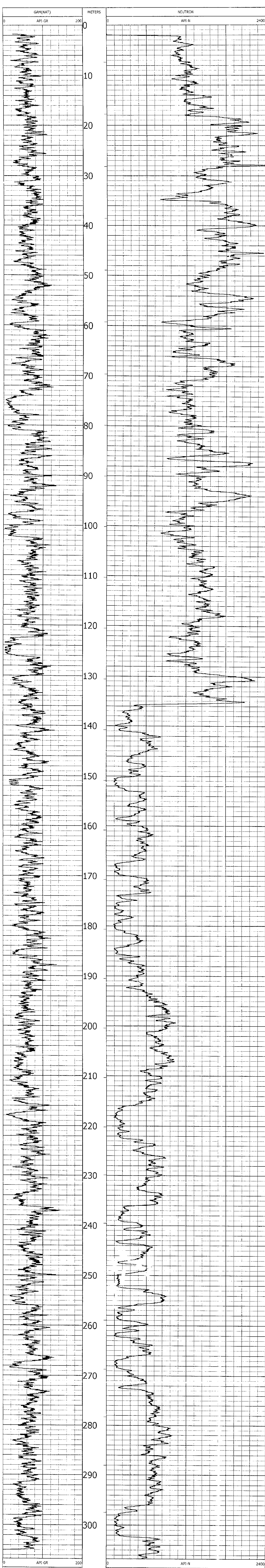
LOGGING UNIT : 9704
 FIELD OFFICE : TULSA,OK
 RECORDED BY : J.GRESCHUK

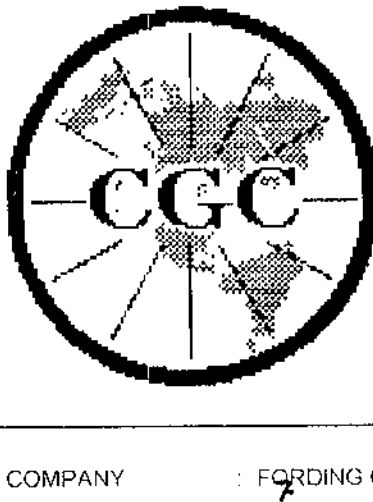
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : PROCESSED
 TYPE : 9067A

THRESH 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

7
23-77

COMPANY : FORDING COAL LTD
 WELL : 23-77
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.

OTHER SERVICES:
 9055
 9030

TOWNSHIP : RANGE :

DATE : 11/12/01
 DEPTH DRILLER : 355
 LOG BOTTOM : 355.06
 LOG TOP : 1.99

PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :
 LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

KB :
 DF :
 GL :

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

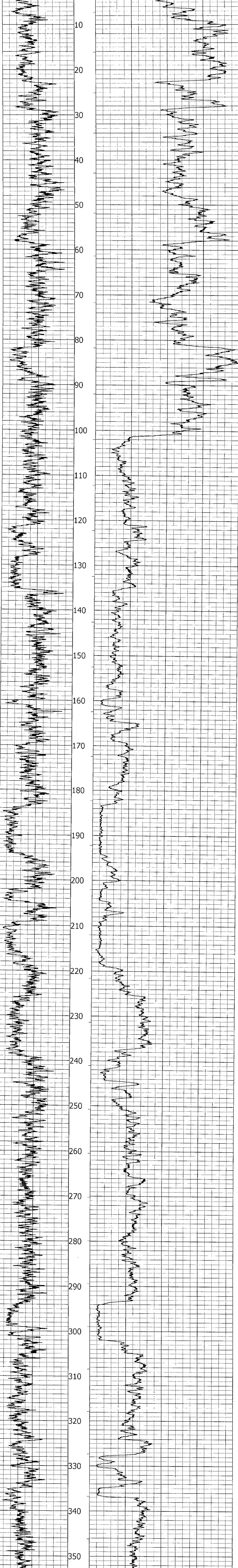
FILE : ORIGINAL
 TYPE : 9067A

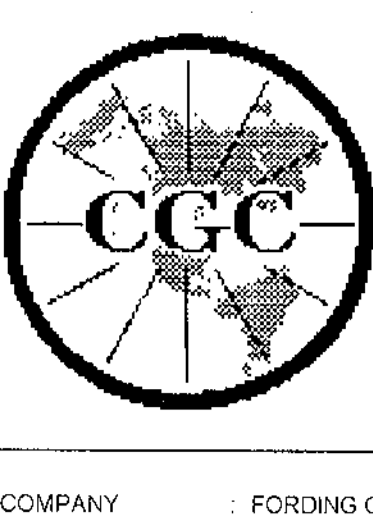
BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873





Century GEOPHYSICAL CORP.

27-78

COMPANY : FORDING COAL LTD
 WELL : 27-78
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : S.C.
 SECTION :

OTHER SERVICES:
 9030
 9055

TOWNSHIP :

RANGE :

DATE : 10/25/01
 DEPTH DRILLER : 389
 LOG BOTTOM : 385.28
 LOG TOP : 2.11
 CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 ORL MEASURED FROM:
 LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J GRESCHUK

KB :
 DF :
 GL :

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

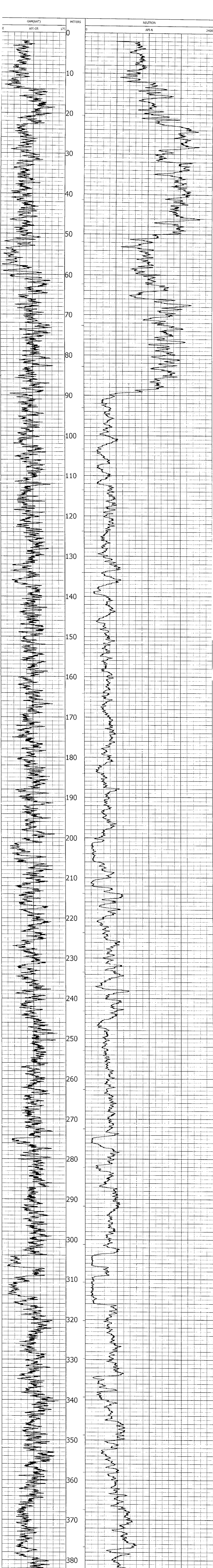
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

27-78





Century GEOPHYSICAL CORP.

27-79

COMPANY : FORDING COAL LTD
 WELL : 27-79
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES:
 9055
 9067

873

DATE : 10/21/01
 DEPTH DRILLER : 401
 LOG BOTTOM : 405.00
 LOG TOP : 2.21
 CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

TOWNSHIP :
 RANGE :
 PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM:

KB

DF

GL

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

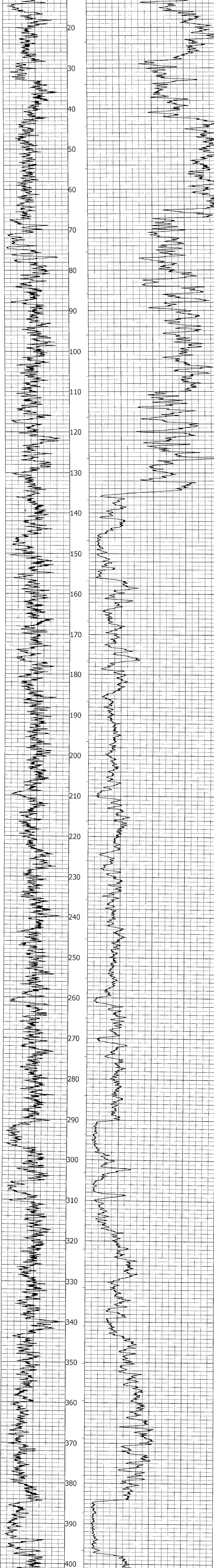
LOGGING UNIT : 9704
 FIELD OFFICE : TULSA,OK
 RECORDED BY : J.GRESCHUK
 BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL

TYPE : 9067A

THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



TOOL CALIBRATION 27-79 10/21/01 23 20		TOOL 9067A		SERIAL NUMBER 523	
DATE	TIME	SENSOR	STANDARD	RESPONSE	
1	Apr17,01 11:59:16	GAM(NAT)	Default [API-GR]	Default [CPS]	
	Apr17,01 09:59:16	GAM(NAT)	Default [API-GR]	Default [CPS]	
2	Apr17,01 09:59:16	NEUTRON	Default [API-N]	Default [CPS]	
	Apr17,01 09:59:16	NEUTRON	Default [API-N]	Default [CPS]	



Century GEOPHYSICAL CORP.

27-81

COMPANY : FORDING COAL LTD
 WELL : 27-81
 LOCATION/FIELD : FORDING F IVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9030
 9055

DATE : 10/29/01
 DEPTH DRILLER : 395
 LOG BOTTOM : 397.36
 LOG TOP : 2.19
 CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

TOWNSHIP :
 PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 DRL. MEASURED FROM:

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J.GRESCHUK

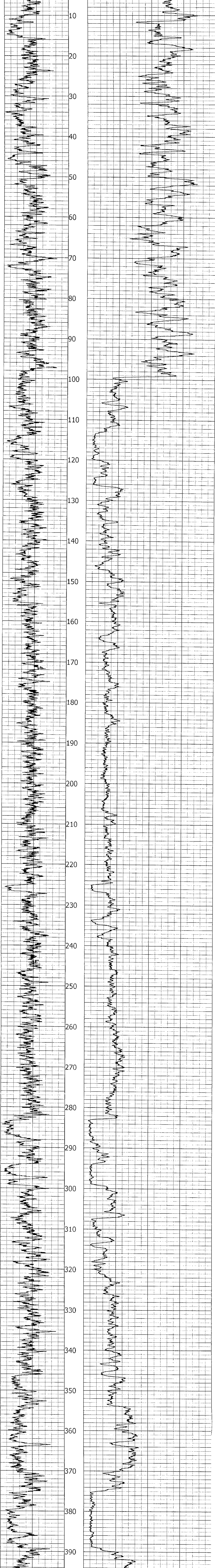
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

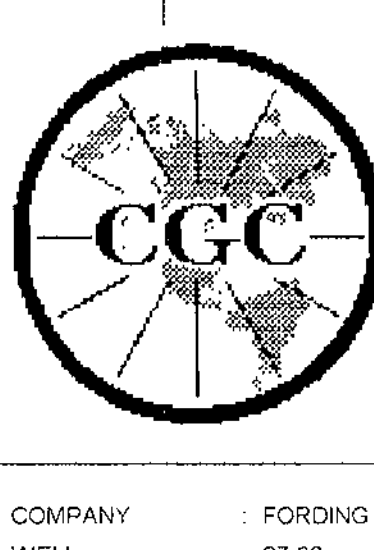
RANGE :
 KB :
 DF :
 GL :

FILE : ORIGINAL
 TYPE : 9067A
 THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873





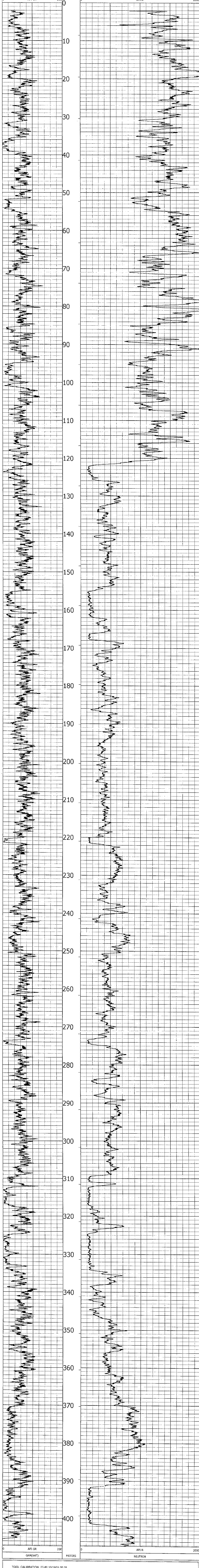
Century GEOPHYSICAL CORP.

27-80

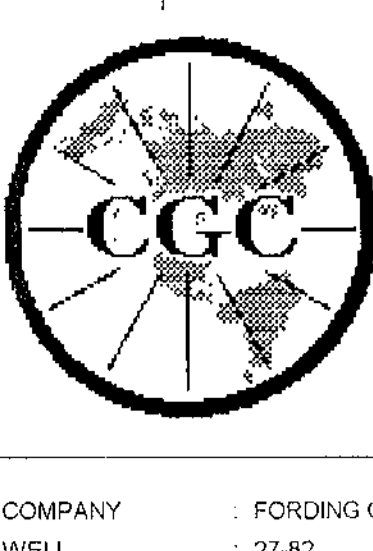
COMPANY	FORDING COAL LTD	OTHER SERVICES:	
WELL	27-80	9055	
LOCATION/FIELD	FORDING RIVER	9030	
COUNTY	ELKFORD		
STATE	B.C.		
SECTION		TOWNSHIP	RANGE
DATE	10/19/01	PERMANENT DATUM	
DEPTH DRILLER	407		KB
LOG BOTTOM	407.13	LOG MEASURED FROM: G L	DF
LOG TOP	2.15	DRL MEASURED FROM	GL
CASING DIAMETER	18	LOGGING UNIT	9704
CASING TYPE	STEEL	FIPID OFFICE	TJH SA OK
CASING THICKNESS		RECORDED BY	J GRESCHUK
BIT SIZE	14	BOREHOLE FLUID	H2O
MAGNETIC DECL.	19	RM	0
MATRIX DENSITY	2.65	RM TEMPERATURE	0
NEUTRON MATRIX	sandstone	MATRIX DELTA T	177
		FILE	ORIGINAL
		TYPE	9067A
		THRESH	20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873



TOOL CALIBRATION 27-80 10/19/01 09:28		TOOL NUMBER 523	
DATE	TIME	SENSOR	STANDARD
1	Apr17.01 11:59:16	GAM(NAT)	Default [API-GR]
2	Apr17.01 09:59:16	NEUTRON	Default [API-N]
			RESPONSE
			Default [CPS]
			Default [CPS]
			Default [CPS]



Century GEOPHYSICAL CORP.

27-82

COMPANY : FORDING COAL LTD
 WELL : 27-82
 LOCATION/FIELD : TURNBULL
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9030
 9055

TOWNSHIP : RANGE :

DATE : 11/01/01
 DEPTH DRILLER : 376
 LOG BOTTOM : 373.48
 LOG TOP : 2.11

PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:

KB
 DF
 GL

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS:

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

BIT SIZE : 14
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

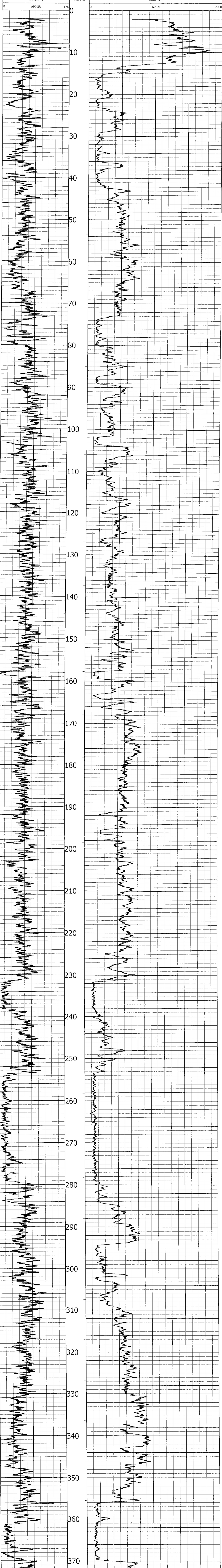
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

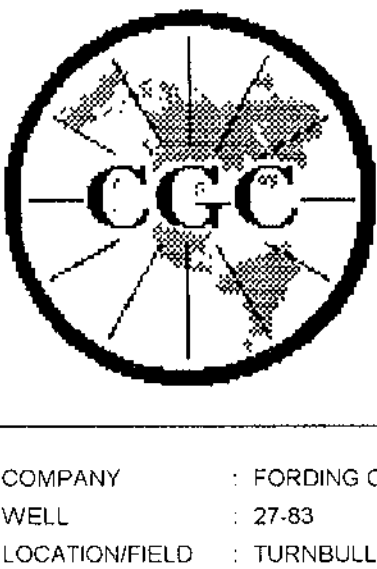
FILE : ORIGINAL
 TYPE : 9067A

THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873





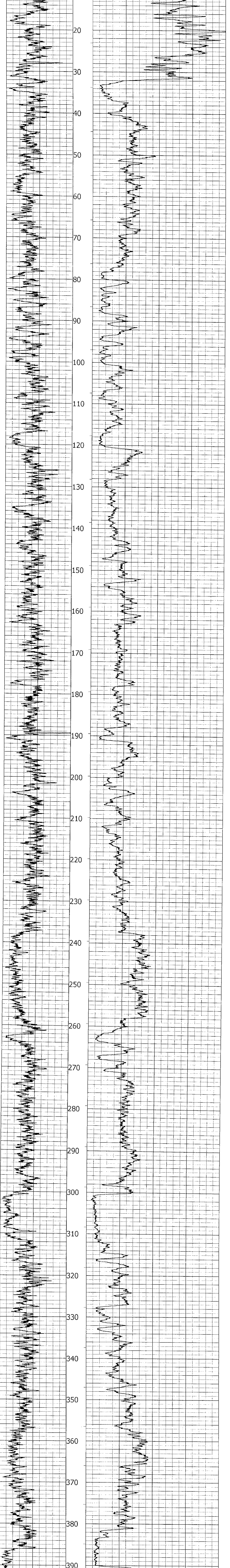
Century GEOPHYSICAL CORP.

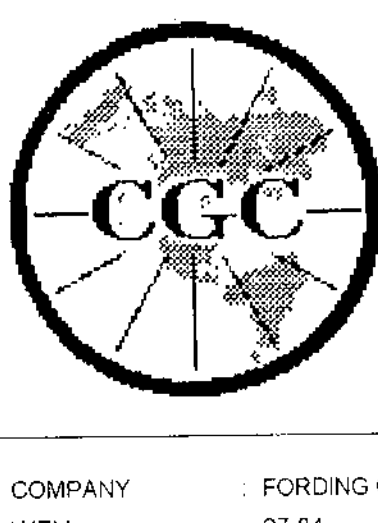
27-83

COMPANY : FORDING COAL LT J	OTHER SERVICES:
WELL : 27-83	9067
LOCATION/FIELD : TURNBULL	9055
COUNTY : ELKFORD	
STATE : B.C.	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 11/08/01	PERMANENT DATUM :
DEPTH DRILLER : 396	KB :
LOG BOTTOM : 392.75	LOG MEASURED FROM : G.L.
LOG TOP : 2.15	DRL MEASURED FROM :
	GL :
CASING DIAMETER : .18	LOGGING UNIT : 9704
CASING TYPE : STEEL	FIELD OFFICE : TULSA,OK
CASING THICKNESS :	RECORDED BY : J.GRESCHUK
BIT SIZE : 14	BOREHOLE FLUID : H2O
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	FILE : ORIGINAL
	TYPE : 9067A
	THRESH 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873





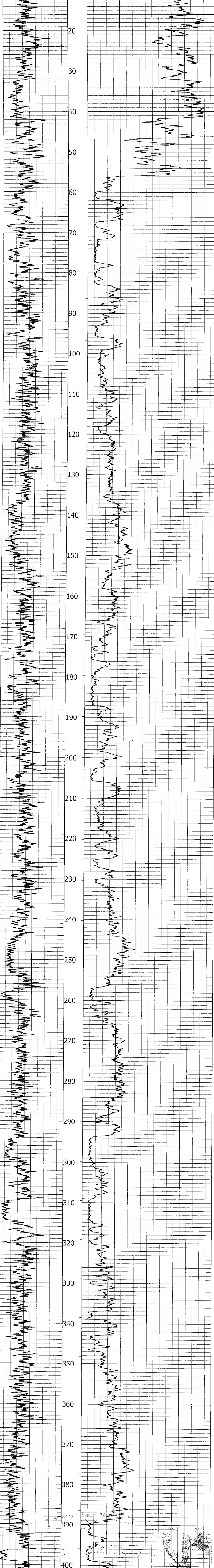
Century GEOPHYSICAL CORP.

27-84

COMPANY : FORDING COAL LTD	OTHER SERVICES : 9030
WELL : 27-84	9055
LOCATION/FIELD : TURNBULL	
COUNTY : ELKFORD	
STATE : B.C.	
SECTION :	TOWNSHIP :
	RANGE :
DATE : 11/09/01	PERMANENT DATUM :
DEPTH DRILLER : 404	LOG MEASURED FROM: G.L.
LOG BOTTOM : 403.21	DRL MEASURED FROM:
LOG TOP : 1.83	
CASING DIAMETER : 18	LOGGING UNIT : 9704
CASING TYPE : STEEL	FIELD OFFICE : TULSA, OK
CASING THICKNESS :	RECORDED BY : J. GRESCHUK
BIT SIZE : 14	BOREHOLE FLUID : H2O
MAGNETIC DECL : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	FILE : ORIGINAL
	TYPE : 9087A
	THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873



2001 EXPLORATION

GEOL 2781	23866.006	152649.404	1829.823	0.016	0.012	1.550
GEOL 2780	23898.599	152499.681	1872.201	0.026	0.019	1.600
GEOL 2779	23893.561	152355.826	1880.937	0.023	0.021	1.600
GEOL 2778	23956.692	152149.591	1897.920	0.021	0.020	1.600
GEOL rh2738	24118.391	152490.438	1951.517			
GEOL rh2747	26726.568	152285.192	2176.821			
GEOL rh	26523.368	152775.774	2210.796			
GEOL rh2744	26901.217	152586.038	2117.599			
GEOL 9-159	26656.463	150350.310	2181.711			
GEOL 7-126	26803.604	150418.137	2181.056			
GEOL 7-123	25132.511	149550.766	2029.655			
GEOL 7-128	27157.447	150486.188	2179.672			1.400
GEOL 9-160	26594.184	150562.547	2181.056			
GEOL 7-129	27197.818	150217.516	2181.819			
GEOL 4-76	27078.307	150112.141	2181.081			
\$						
GEOL 11-172	25368.920	150255.032	2060.277	0.031	0.031	1.400
GEOL 11-174	25478.077	149915.014	2046.845	0.032	0.032	1.400
GEOL 7-124	25413.940	149500.085	2047.177	0.024	0.027	1.700
GEOL 8-58	25127.730	150194.859	2046.337			
GEOL 8-59	25182.900	149882.797	2045.611			
GEOL 7-119	24752.406	150022.484	2046.041			
GEOL 12-149	26195.527	149706.484	2194.073			
GEOL 7-125	25511.436	149311.672	2029.459			
GEOL 1-34	25108.402	148429.551	1938.875	0.070	0.106	1.300
GEOL 12-150	26130.130	149860.309	2194.802	0.071	0.079	1.300
GEOL 1-36	25075.514	148676.415	1924.978	0.020	0.025	1.300
GEOL 11-162	25136.365	155504.828	2011.445			
GEOL 11-163	25143.025	155430.703	2014.599			
GEOL 11-164	25178.725	155326.547	2014.941			
GEOL 11-164	25178.725	155326.547	2014.941			
GEOL 11-165	25286.207	155299.406	2015.088			
GEOL 11-166	25143.693	155241.250	2014.103			
GEOL 11-167	25270.061	155226.875	2015.539			
GEOL 11-167	25270.061	155226.875	2015.539			
GEOL 11-168	25320.740	155128.844	2018.072			
GEOL 11-169	25257.377	155115.500	2018.260			
GEOL 11-171	25002.863	155231.703	2015.040			
GEOL 1230	26214.578	148830.593	1926.343			
GEOL 2751	25262.492	148629.031	1952.733			
GEOL rh2741	25715.344	153397.313	1942.378			
GEOL rh2749	26159.230	152919.891	2214.718			
GEOL rh2745	27402.172	152598.031	2125.749			
GEOL rh2746	27321.258	152280.797	2167.156			
GEOL rh2742	26143.771	153523.344	1997.964			
GEOL rh2743	26670.680	153380.359	2068.627			
GEOL rh2737	24235.297	152253.813	2005.007			
GEOL rh2740	27815.943	151848.531	2465.678			

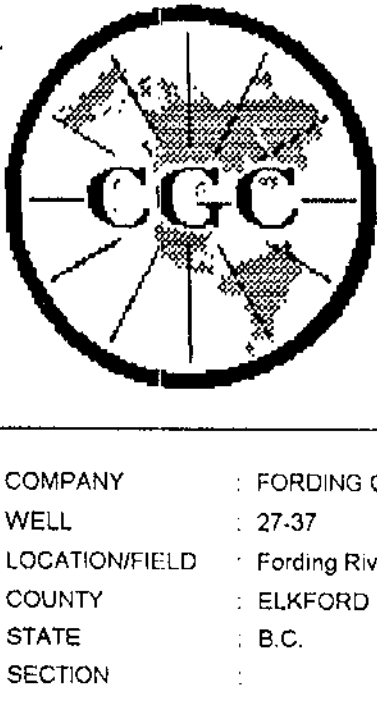
2001 EXPLORATION

GEOL rh2739	27153.098	151858.000	2439.920			
GEOL 2752	25410.252	148668.766	1956.376			
GEOL 2753	25364.434	148660.781	1955.701			
GEOL 2754	25410.252	148668.766	1956.376			
GEOL 2755	25475.133	148696.078	1987.200			
GEOL 2756	25228.045	148756.609	1940.323			
GEOL 2757	25283.227	148774.078	1940.354			
GEOL 2758	25327.227	148800.844	1940.566			
GEOL 2759	25392.967	148819.807	1958.164	0.020	0.014	1.400
GEOL 2760	25447.938	148838.354	1955.767	0.024	0.020	1.400
GEOL 2761	26222.174	148696.203	1925.070			
GEOL 2761	26221.580	148696.156	1925.012			
GEOL 2762	26424.697	148670.015	1955.268			
GEOL 2764	26214.707	148829.813	1926.619			
GEOL 2765	26330.782	148819.984	1956.224	0.019	0.026	1.400
GEOL 2766	26479.965	148820.063	1955.899			
GEOL 2767	26621.936	148825.938	1955.657			
GEOL 2768	26490.111	148950.094	1985.207			
GEOL 2769	26661.943	148955.125	1985.860			
GEOL 2771	26584.889	149074.891	2059.263			
GEOL 5-123	26139.350	148829.844	1925.358			
GEOL 5-124	26159.885	148765.078	1925.787			
GEOL 2775	25581.972	153194.167	2057.410	0.026	0.035	1.600
GEOL 2776	25709.311	153173.275	2042.180	0.021	0.018	1.600
GEOL 2774	25401.151	153408.480	1914.411	0.092	0.076	1.600

GEOL rh 2783	23884.042	153046.357	1785.076	0.091	0.089	1.400
GEOL rh 2784	23907.975	153207.870	1761.992	0.015	0.015	1.400
GEOL rh 2782	23870.422	152861.371	1793.001	0.048	0.022	1.400
GEOL rh 2777	24228.068	151665.931	1847.524	0.022	0.026	1.400

GEOL 2772	28650.404	141087.891	1764.447			
GEOL 2773	29048.672	141369.078	1760.104			
\$						

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CR.



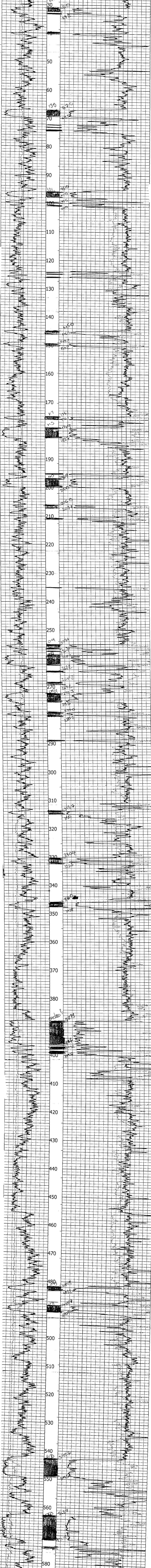
Century GEOPHYSICAL CORP.

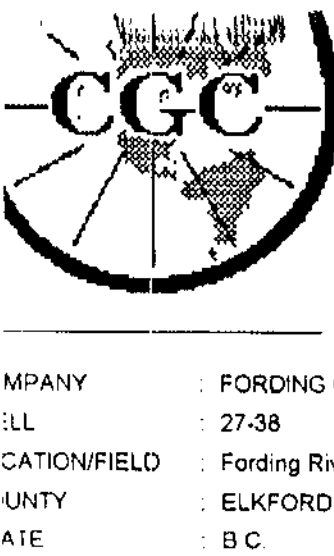
27-37

COMPANY	FORDING COAL LTD	OTHER SERVICES	242353 E
WELL	27-37	9067	152.253.8 N
LOCATION/FIELD	Fording River	9055	el. 2005.0
COUNTY	ELKFORD	2737	
STATE	B.C.	TOWNSHIP	RANGE
SECTION			
DATE	08/18/01	PERMANENT DATUM	
DEPTH DRILLER	581	LOG MEASURED FROM: G.L.	KB
LOG BOTTOM	584.06	DRL MEASURED FROM:	DF
LOG TOP	3.48		GL
CASING DIAMETER	18	LOGGING UNIT	9704
CASING TYPE	STEEL	FIELD OFFICE	TULSA OK
CASING THICKNESS		RECORDED BY	J. GRESCHUK
BIT SIZE	14	BOREHOLE FLUID	H2O
MAGNETIC DECL	19	RM	0
MATRIX DENSITY	2.65	RM TEMPERATURE	0
NEUTRON MATRIX	sandstone	MATRIX DELTA T	177
		FILE	ORIGINAL
		TYPE	9030AA
		THRESH	20000

#873

2737





Century GEOPHYSICAL CORP.

27-38

COMPANY : FORDING COAL LTD
WELL : 27-38
LOCATION/FIELD : Fording River
COUNTY : ELKFORD
DATE : B C

OTHER SERVICES:
8087
8055
2738

24118.4 E ✓
1524904 N ✓
2.1951.5 m ✓

FORMATION : TOWNSHIP : RANGE :

DATE : 08/22/01
DEPTH DRILLER : 539
LOG BOTTOM : 547.83
LOG TOP : 3.18

PERMANENT DATUM :
LOG MEASURED FROM : G.L.
CORRECTION MEASURED FROM :

KB :
DF :
GL :

LOGGING UNIT : 9704
PIECE OFFICE : T.H. SAOK
RECORDED BY : J. GRESCHUK

LOGGING DIAMETER : 18
LOGGING TYPE : STEEL
LOGGING THICKNESS :

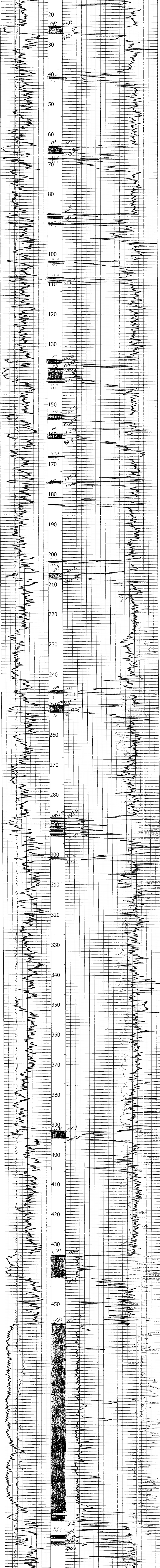
BOREHOLE FLUID : H2O
RM : 0
RM TEMPERATURE : 0
MATRIX DELTA T : 177

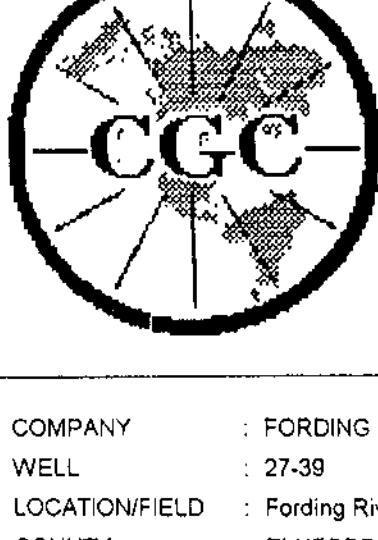
FILE : ORIGINAL
TYPE : 9030AA

THRESH : 20000

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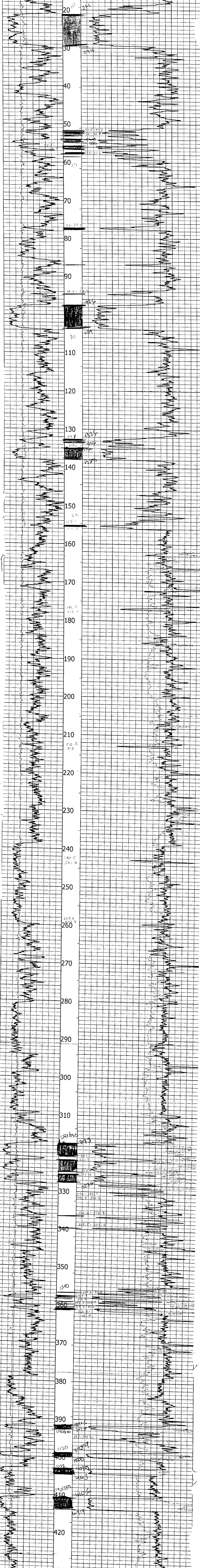
Century GEOPHYSICAL CORP.

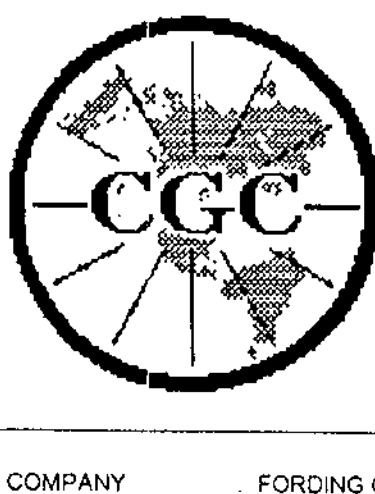
27-39

COMPANY : FORDING COAL LTD	OTHER SERVICES : 27153.1E ✓
WELL : 27-39	9055
LOCATION/FIELD : Fording River	2739 151858.0N ✓
COUNTY : ELKFORD	2439.9m ✓
STATE : B.C.	TOWNSHIP : RANGE :
DATE : 08/27/01	PERMANENT DATUM :
DEPTH DRILLER : 437 2076	LOG MEASURED FROM : G.L. KB :
LOG BOTTOM : 438.98	DRL MEASURED FROM : DF :
LOG TOP : 2.57	LOGGING UNIT : 9704 GL :
CASING DIAMETER : .18	FIELD OFFICE : TULSA, OK
CASING TYPE : STEEL	RECORDED BY : J.GRESCHUK
CASING THICKNESS :	
BIT SIZE : .14	BOREHOLE FLUID : H2O FILE : ORIGINAL
MAGNETIC DECL. : 19	RM : 0 TYPE : 9030AA
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	THRESH : 20000

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5m = 110' at top of hole = bottom of 296





Century GEOPHYSICAL CORP.

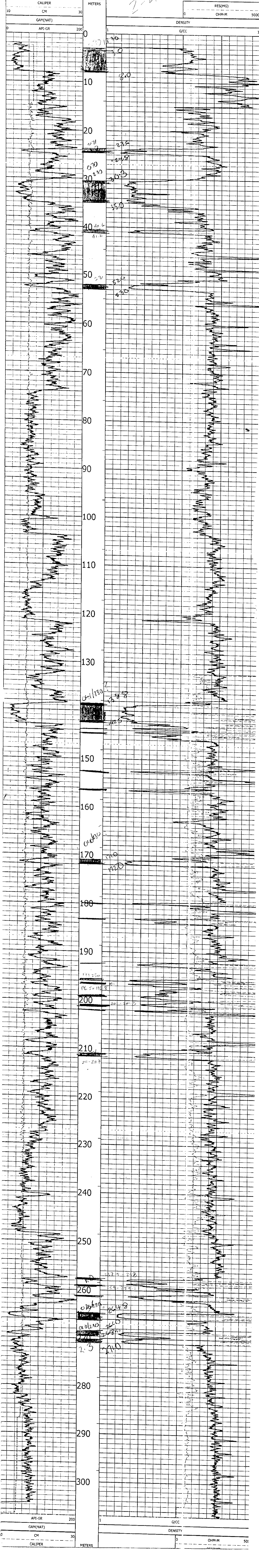
27-40

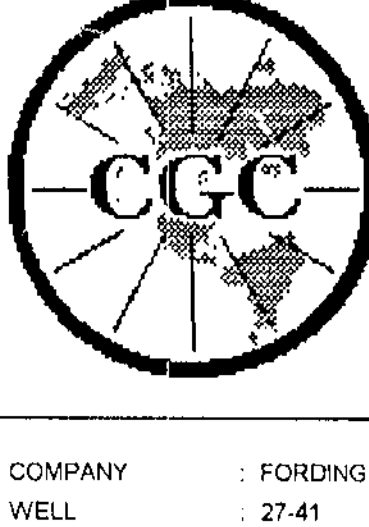
COMPANY	FORDING COAL LTD	OTHER SERVICES	278159E
WELL	27-40	9055	151,8485N
LOCATION/FIELD	Fording River	9087	2465.7m
COUNTY	ELKFORD	2740	
STATE	BC		
SECTION		TOWNSHIP	RANGE
DATE	08/30/01	PERMANENT DATUM	
DEPTH DRILLER	307		KB
LOG BOTTOM	308.94	LOG MEASURED FROM	DF
LOG TOP	1.95	DRL MEASURED FROM	GL
CASING DIAMETER	18	LOGGING UNIT	9704
CASING TYPE	STEEL	FIELD OFFICE	TULSA, OK
CASING THICKNESS		RECORDED BY	J GRESCHUK
BIT SIZE	14	BOREHOLE FLUID	H2O
MAGNETIC DECL	19	RM	0
MATRIX DENSITY	2.65	RM TEMPERATURE	0
NEUTRON MATRIX	sandstone	MATRIX DELTA T	177
		FILE	ORIGINAL
		TYPE	9030AA
		THRESH	20000

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Z=AD





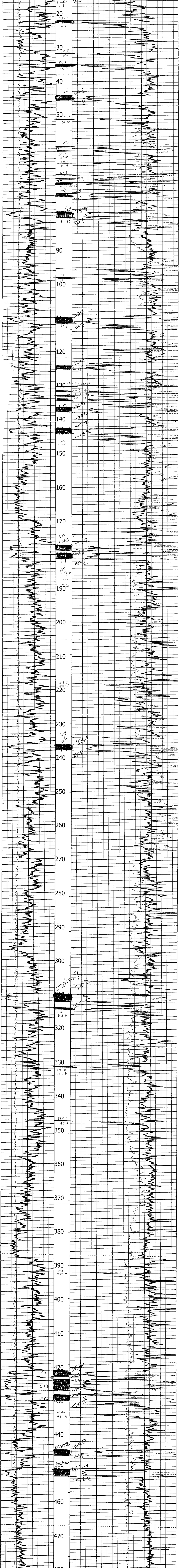
Century GEOPHYSICAL CORP.

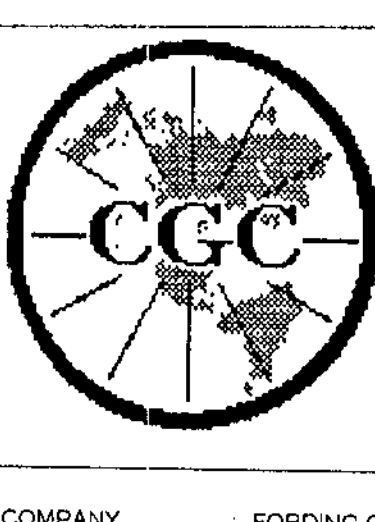
27-41

COMPANY : FORDING COAL LTD	OTHER SERVICES : 25.7'S-3 E
WELL : 27-41	9055
LOCATION/FIELD : Fording River	9067
COUNTY : ELKFORD	2741
STATE : B.C.	el. 1442.4m
SECTION :	TOWNSHIP :
DATE : 09/04/01	PERMANENT DATUM :
DEPTH DRILLER : 485 L.C.	LOG MEASURED FROM : G.L.
LOG BOTTOM : 484.94	DRL MEASURED FROM :
LOG TOP : 2.83	KB
CASING DIAMETER : .18	DF
CASING TYPE : STEEL	GL
CASING THICKNESS :	LOGGING UNIT : 9704
	FIELD OFFICE : TULSA OK
	RECORDED BY : J.GRESCHUK
BIT SIZE : 14	BOREHOLE FLUID : H2O
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.65	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	FILE : ORIGINAL
	TYPE : 9030AA
	THRESH : 20000

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Century GEOPHYSICAL CORP.

27-42

COMPANY : FORDING COAL LTD
 WELL : 27-42
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES:
 9055
 9087

26143.8 E
 15 3,523.3 N
 el. 1998.0m

TOWNSHIP :

RANGE :

DATE : 09/07/01
 DEPTH DRILLER : 320
 LOG BOTTOM : 316.23
 LOG TOP : 1.95

PERMANENT DATUM :

LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:

KB :
 DF :
 GL :

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA,OK
 RECORDED BY : JGRESCHUK

BIT SIZE : 14
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

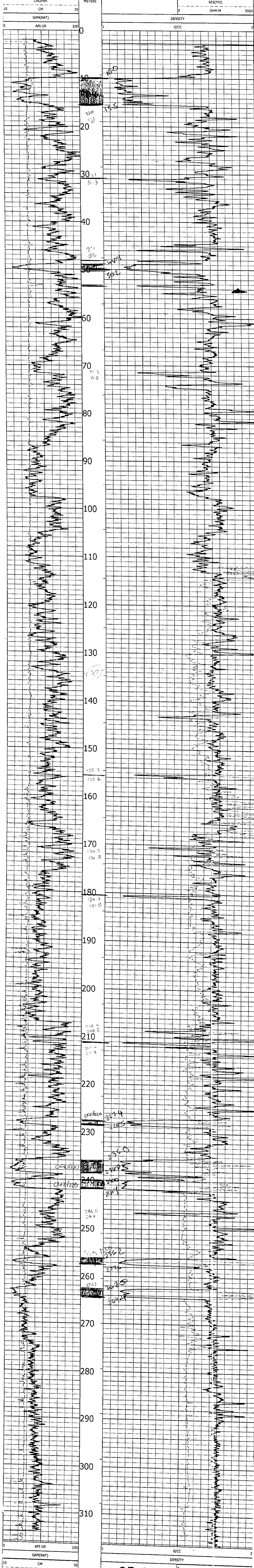
FILE : ORIGINAL
 TYPE : 9030AA

THRESH: 20000

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#073

16211





Century GEOPHYSICAL CORP.

27-43

COMPANY : FORDING COAL LTD
 WELL : 27-43
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : BC
 SECTION :

OTHER SERVICES
 9087
 9055
 2743

26.6707E
 153.380.4N
 el. 2068.6m

DATE : 09/08/01
 DEPTH DRILLER : 437
 LOG BOTTOM : 440.75
 LOG TOP : 2.87
 CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

TOWNSHIP :
 RANGE :
 PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:
 LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

KB
 DF
 GL

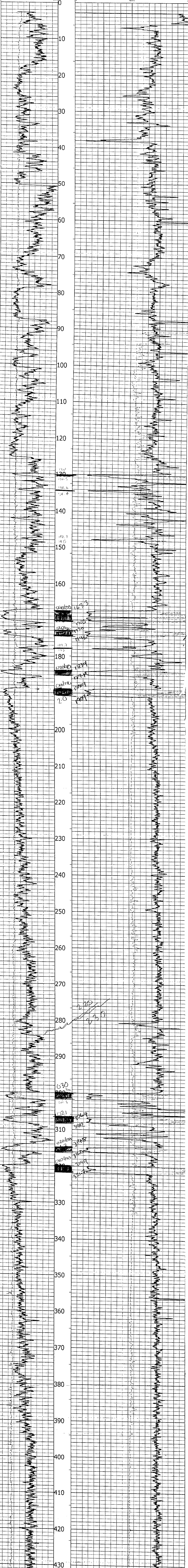
BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

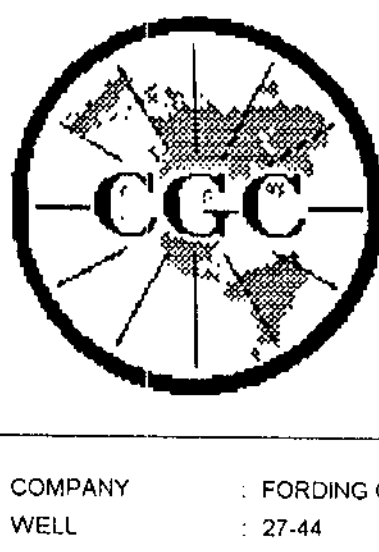
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9030AA
 THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

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Century GEOPHYSICAL CORP.

27-44

COMPANY : FORDING COAL LTD
 WELL : 27-44
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : BC.
 SECTION :

DATE : 09/12/01
 DEPTH DRILLER : 387 12
 LOG BOTTOM : 391.47
 LOG TOP : 2.31

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

TOWNSHIP :
 PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

OTHER SERVICES
 9055
 9087
 2744

26901.2 E
 152,586.0N
 el. 2117.6m

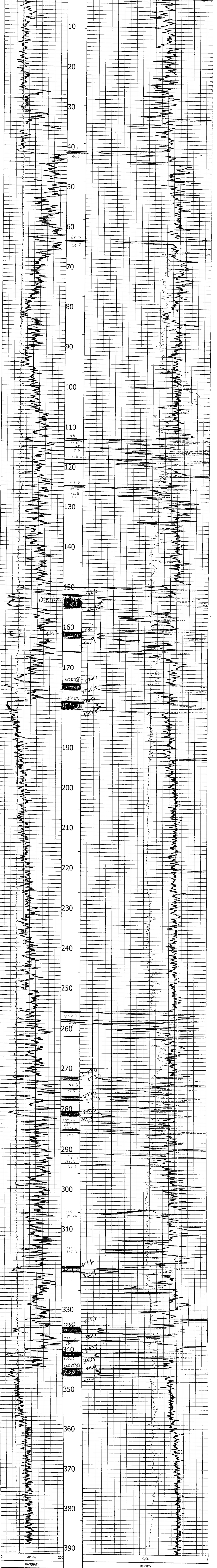
KB :
 DF :
 GL :

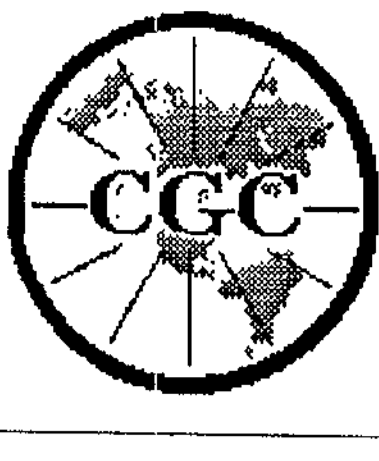
FILE : ORIGINAL
 TYPE : 9030AA

THRESH : 20000

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Century GEOPHYSICAL CORP.

27-46

COMPANY : FORDING COAL LTD
 WELL : 27-46
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

TOWNSHIP :

RANGE :

DATE : 09/17/01

PERMANENT DATUM :

DEPTH DRILLER : 273

LOG MEASURED FROM: G.L

LOG BOTTOM : 281.58

DRL MEASURED FROM:

LOG TOP : 1.83

LOGGING UNIT : 9704

CASING DIAMETER : 18

FIELD OFFICE : TULSA, OK

CASING TYPE : STEEL

RECORDED BY : JGRESCHUK

CASING THICKNESS :

BOREHOLE FLUID : H2O

BIT SIZE : 14

RM : 0

MAGNETIC DECL. : 19

RM TEMPERATURE : 0

MATRIX DENSITY : 2.65

MATRIX DELTA T : 177

NEUTRON MATRIX : sandstone

OTHER SERVICES:

9055

9067

2746

27 321.8 E -

152280.8 N -

el. 2167.2 m -

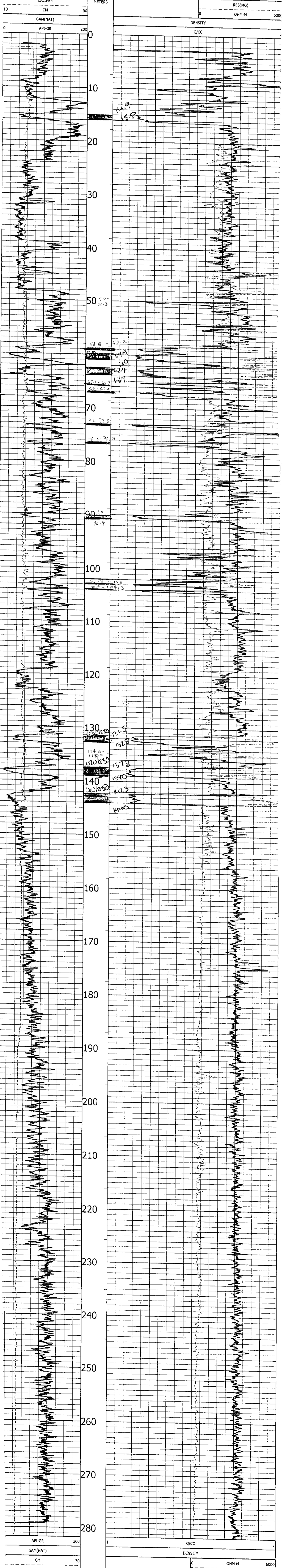
FILE : ORIGINAL

TYPE : 9030AA

THRESH: 20000

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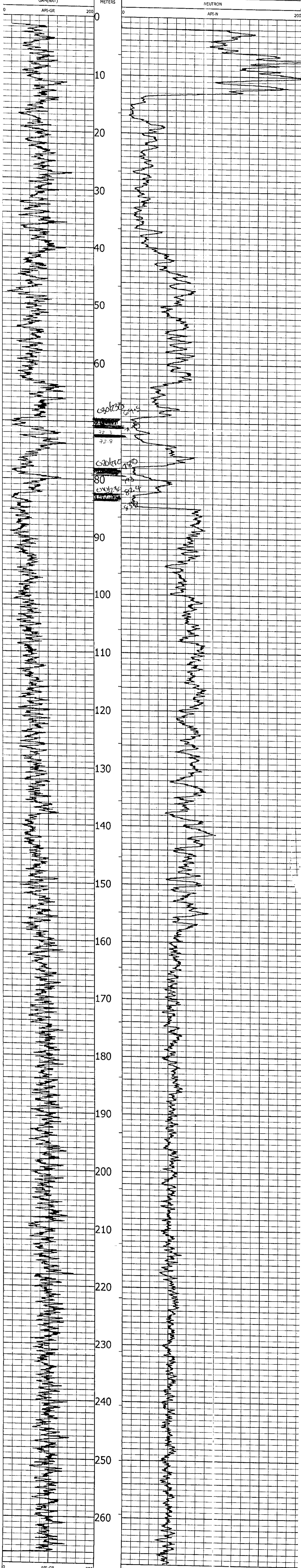
#873



RH # 2745

#873

Gamma-Density





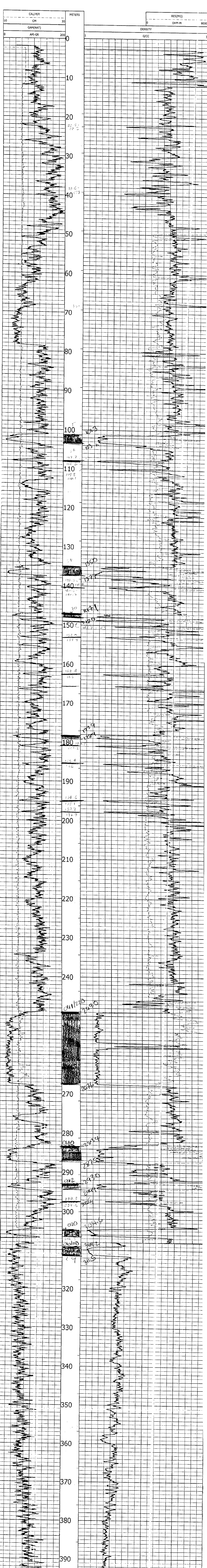
Century GEOPHYSICAL CORP.

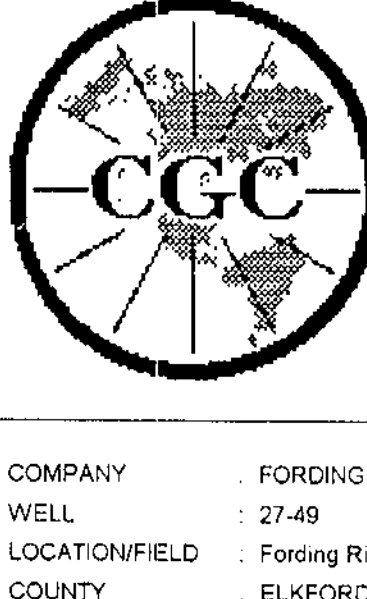
27-47

COMPANY : FORDING COAL LTD	OTHER SERVICES : 2672C-6E	
WELL : 27-47	9087 : 152285.2 N	
LOCATION/FIELD : Fording River	9055 : 2176.8 m	
COUNTY : ELKFORD	2747	
STATE : B.C.	TOWNSHIP : RANGE :	
SECTION :	PERMANENT DATUM :	
DATE : 09/09/01	LOG MEASURED FROM: G.L.	KB
DEPTH DRILLER : 397	DRL MEASURED FROM:	DF
LOG BOTTOM : 309.15	LOGGING UNIT : 9704	GL
LOG TOP : 1.87	FIELD OFFICE : TULSA, OK.	
CASING DIAMETER : 18	RECORDED BY : J. GRESCHUK	
CASING TYPE : STEEL		
CASING THICKNESS :		
BIT SIZE :	FLUID : H2O	FILE : ORIGINAL
MAGNETIC :	TEMPERATURE : 0	TYPE : 9030AA
MATRIX DE :	TAPE : 177	
NEUTRON I :		THRESH : 20000

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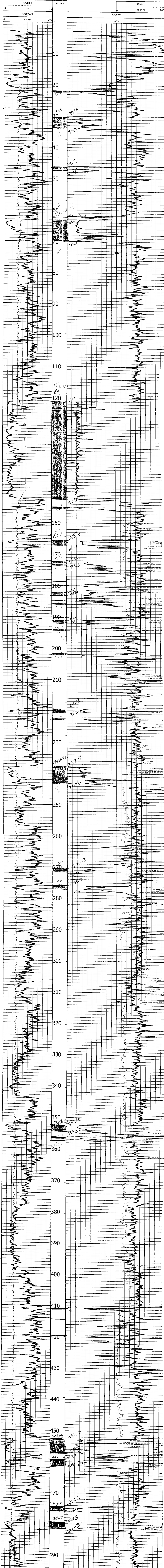
Century GEOPHYSICAL CORP.

27-49

COMPANY	FORDING COAL LTD	OTHER SERVICES	26159.2 E
WELL	27-49	B055	152,919.9 N
LOCATION/FIELD	Fording River	9087	2749.0, 2214.7 n
COUNTY	ELKFORD		
STATE	B.C.		
SECTION		TOWNSHIP	RANGE
DATE	09/17/01	PERMANENT DATUM	
DEPTH DRILLER	497	LOG MEASURED FROM	GL
LOG BOTTOM	496.17	URL MEASURED FROM	GL
LOG TOP	2.79		
CASING DIAMETER	18	LOGGING UNIT	9704
CASING TYPE	STEEL	FIELD OFFICE	TULSA, OK
CASING THICKNESS		RECORDED BY	J GRESCHUK
BIT SIZE	14	BOREHOLE FLUID	H2O
MAGNETIC DECL.	19	FILE	ORIGINAL
MATRIX DENSITY	2.65	IRM TEMPERATURE	0
NEUTRON MATRIX	sandstone	MATRIX DELTA T	177
		TYPE	9030AA
		THRESH	20000

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Century GEOPHYSICAL CORP.

27-50

COMPANY : FORDING COAL LTD
 WELL : 27-50
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9055
 9067
 2750

TOWNSHIP : RANGE :

DATE : 09/01/01
 DEPTH DRILLER : 227 30
 LOG BOTTOM : 229.41
 LOG TOP : 1.59

PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:

KB
 DF
 GL

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

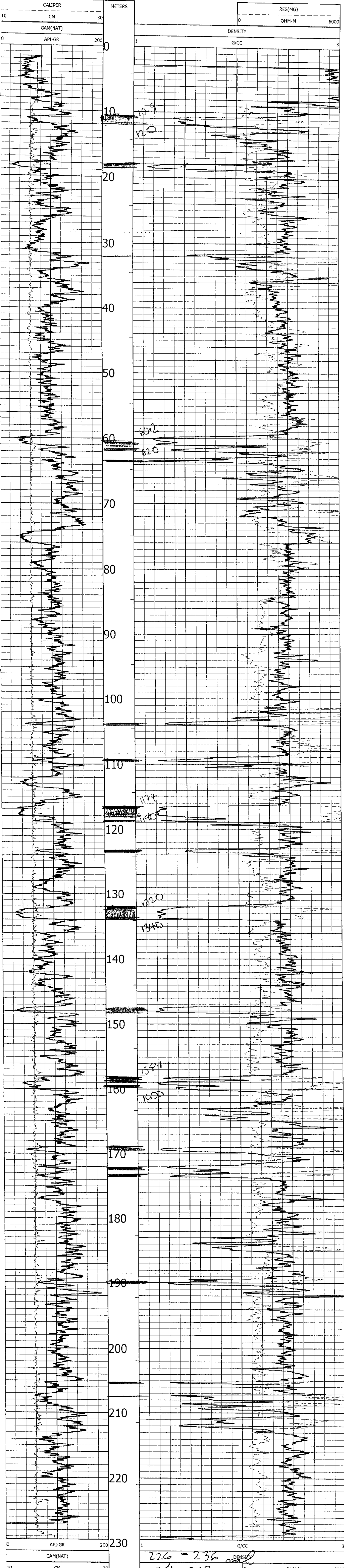
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

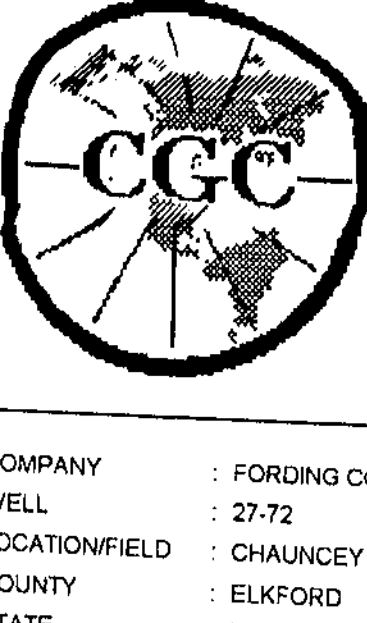
FILE : ORIGINAL
 TYPE : 9030AA

THRESH: 20000

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Centruy GEOPHYSICAL CORP.

27-72

COMPANY : FORDING COAL LTD
 WELL : 27-72
 LOCATION/FIELD : CHAUNCEY
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9087 : 28650.4E
 9085 : 141087IN
 2772 : 2.1764.4m

TOWNSHIP

RANGE

DATE : 10/31/01
 DEPTH DRILLER : 582
 LOG BOTTOM : 585.12
 LOG TOP : 3.38
 CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

PERMANENT DATUM :
 LOG MEASURED FROM: G.L. KB
 DRL MEASURED FROM: DF
 LOGGING UNIT : 9704 GL
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

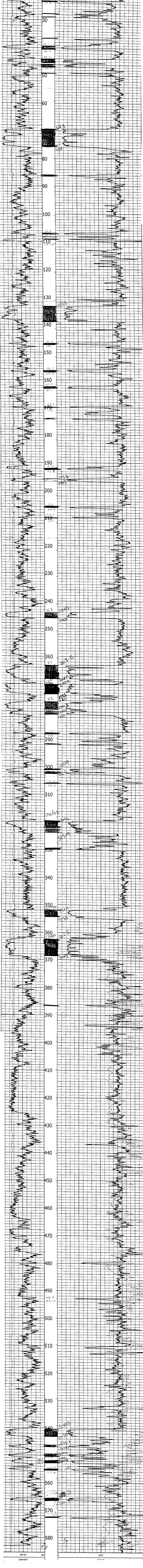
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

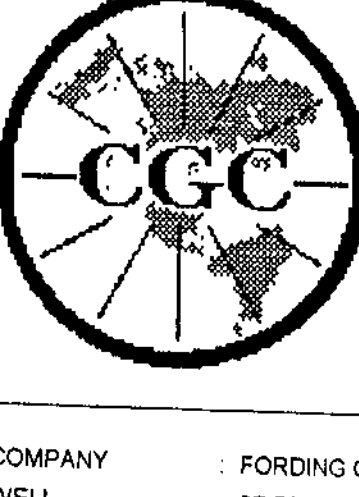
FILE : ORIGINAL
 TYPE : 9030AA

THRESH: 20000

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Century GEOPHYSICAL CORP.

27-73

COMPANY : FORDING COAL LTD
 WELL : 27-73
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.

DATE : 10/25/01
 DEPTH DRILLER : 447 117
 LOG BOTTOM : 447.83
 LOG TOP : 2.87

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

TOWNSHIP :

PERMANENT DATUM :

LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J.GRESCHUK

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

OTHER SERVICES : 290487 E
 9055 141.369.1 N
 9067 2773 e1760.1 m

RANGE :

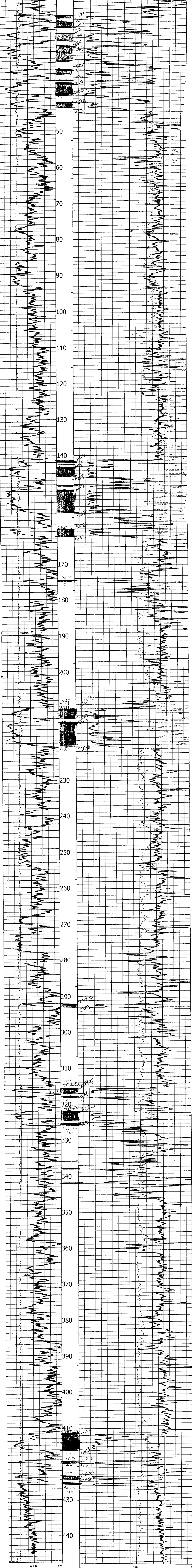
KB :
 DF :
 GL :

FILE : ORIGINAL
 TYPE : 9030AA

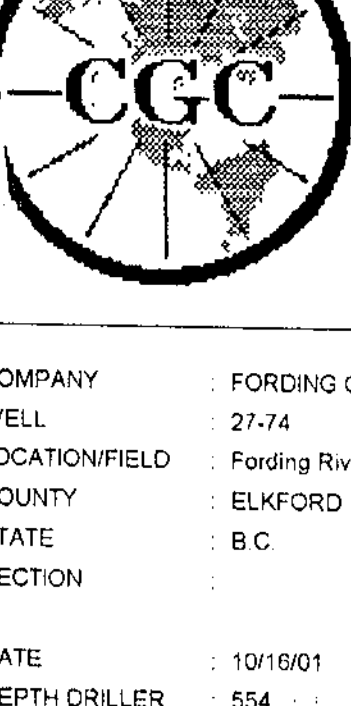
THRESH. 20000

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#873



Century GEOPHYSICAL CORP.

27-74

COMPANY : FORDING COAL LTD
 WELL : 27-74
 LOCATION/FIELD : Fording River
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES : 25401.2 IE
 9065
 9067 2774 153408.5N
 @ 1914.4m

TOWNSHIP :
 RANGE :

DATE : 10/10/01
 DEPTH DRILLER : 554
 LOG BOTTOM : 555.03
 LOG TOP : 3.08

PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

KB
 DF
 GL

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA OK
 RECORDED BY : J.GRESCHUK

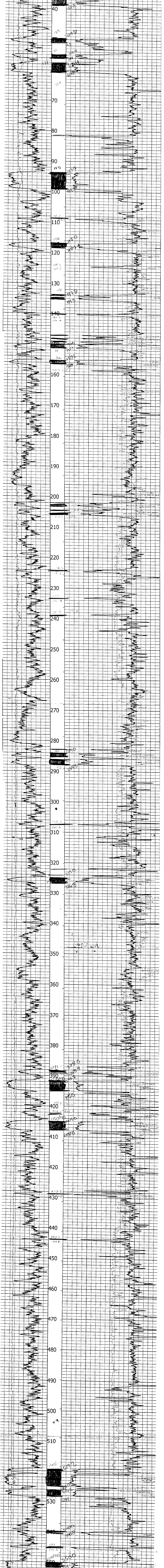
BIT SIZE : 14
 MAGNETIC DECL : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

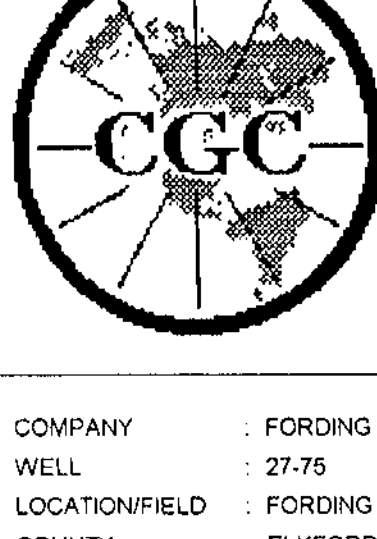
FILE : ORIGINAL
 TYPE : 9030AA

THRESH: 20000

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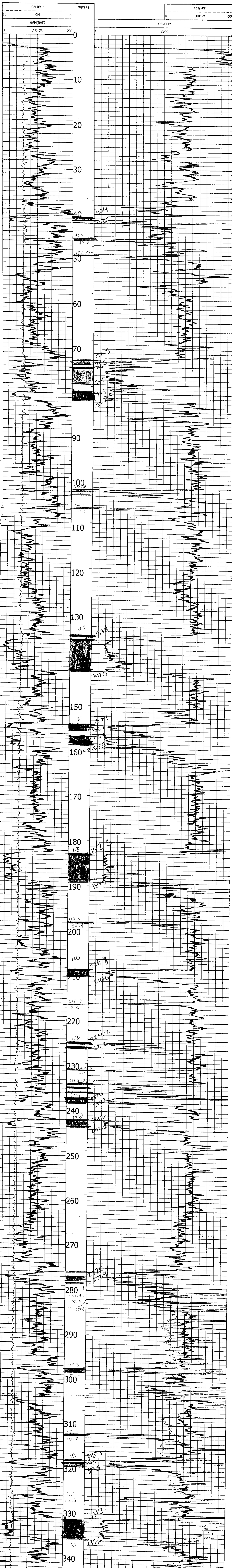


Century GEOPHYSICAL CORP.

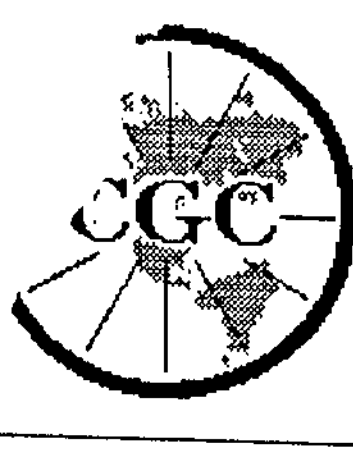
27-75

COMPANY	FORDING COAL LTD	OTHER SERVICES:	25582.0E
WELL	27-75	9055	153194.2K
LOCATION/FIELD	FORDING RIVER	9097	2775
COUNTY	ELKFORD		212057.6m
STATE	B.C.	TOWNSHIP	RANGE
SECTION			
DATE	10/21/01	PERMANENT DATUM	
DEPTH DRILLER	341 - k.A	LOG MEASURED FROM: G.L.	KB
LOG BOTTOM	343.47	DRL MEASURED FROM:	DF
LOG TOP	2.19	LOGGING UNIT	9704
CASING DIAMETER	.18	FIELD OFFICE	TULSA, OK
CASING TYPE	STEEL	RECORDED BY	J.GRESCHUK
CASING THICKNESS		BOREHOLE FLUID	H2O
BIT SIZE	14	RM	0
MAGNETIC DECL.	19	RM TEMPERATURE	0
MATRIX DENSITY	2.65	MATRIX DELTA T	177
NEUTRON MATRIX	sandstone		
		FILE	ORIGINAL
		TYPE	9030AA
		THRESH.	20000

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2775 G/CC



Century GEOPHYSICAL CORP.

27-76

COMPANY : FORDING COAL LTD
 WELL : 27-76
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES : 25709.3E
 9055 : 153173.3N
 9087 : 2776 : 2.2042.2m

DATE : 10/21/01
 DEPTH DRILLER : 305
 LOG BOTTOM : 307.08
 LOG TOP : 2.01

TOWNSHIP :
 RANGE :

PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

KB
 DF
 GL

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

BIT SIZE : .14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.85
 NEUTRON MATRIX : sandstone

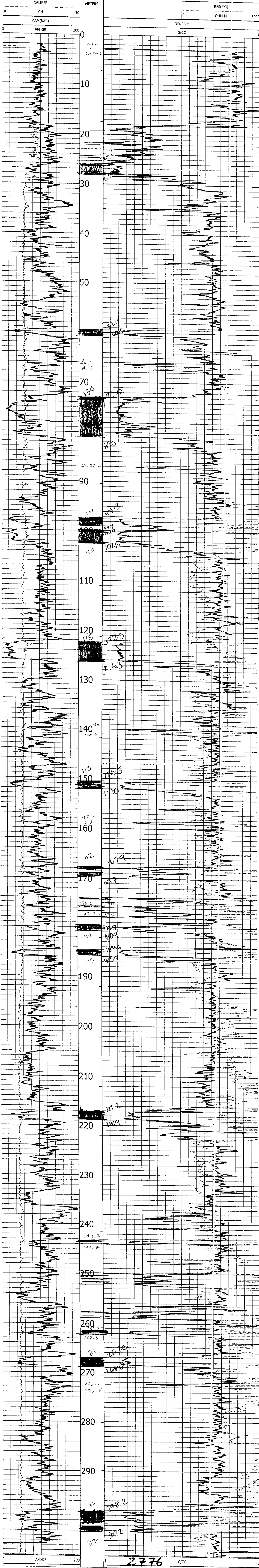
BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9030AA

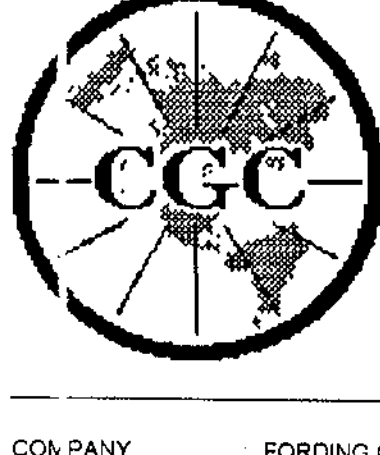
THRESH : 20000

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#873



2776 G/CC



Century GEOPHYSICAL CORP.

28-77

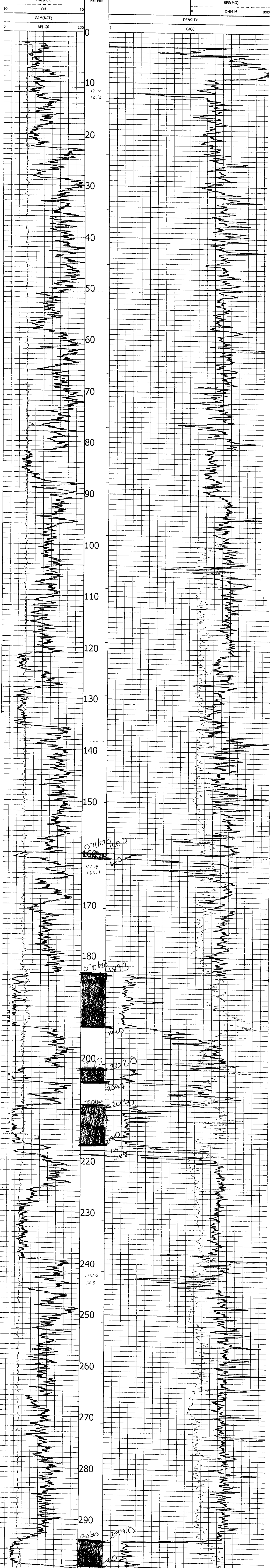
COMPANY : FORDING COAL LTD
 WELL : 2877
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

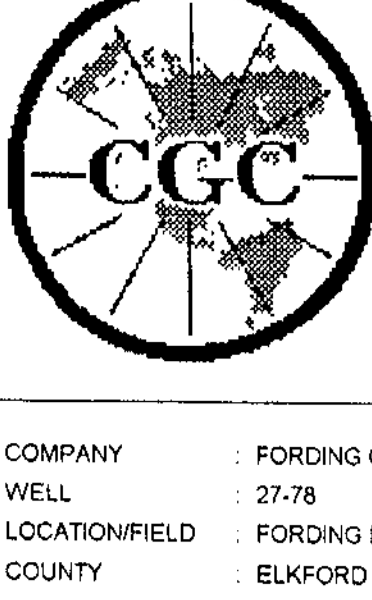
OTHER SERVICES
 9087
 9055
 29774

24,228.1 E
 151,665.9 N
 el. 1847.5 m

TOWNSHIP : RANGE :
 DATE : 11/12/01
 DEPTH DRILLER : 355
 LOG BOTTOM : 358.20
 LOG TOP : 2.27
 CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :
 BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.85
 NEUTRON MATRIX : sandstone
 PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :
 LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J.GRESCHUK
 BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177
 KB :
 DF :
 GL :
 FILE : ORIGINAL
 TYPE : 9030AA
 THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-78

COMPANY : FORDING COAL LTD
 WELL : 27-78
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES : 23956.7E
 9087 : 152149.6N
 9055 : 2778 : el. 1897.9m

DATE : 10/26/01
 DEPTH DRILLER : 431
 LOG BOTTOM : 434.16
 LOG TOP : 2.61
 CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

TOWNSHIP : RANGE :
 PERMANENT DATUM :
 LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:

BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.85
 NEUTRON MATRIX : sandstone

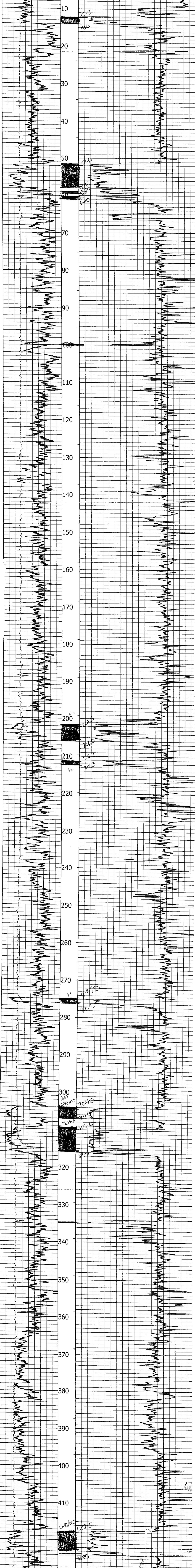
LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

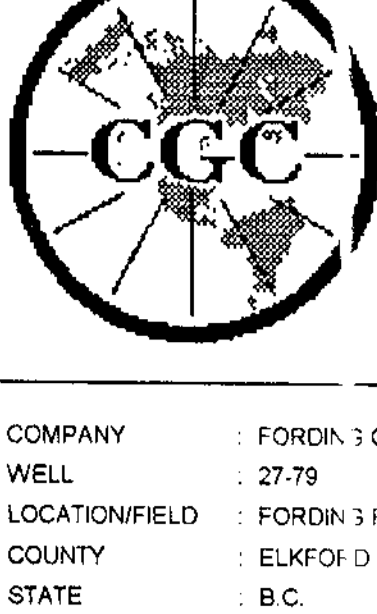
KB :
 DF :
 GL :

FILE : ORIGINAL
 TYPE : 9030AA
 THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



#873

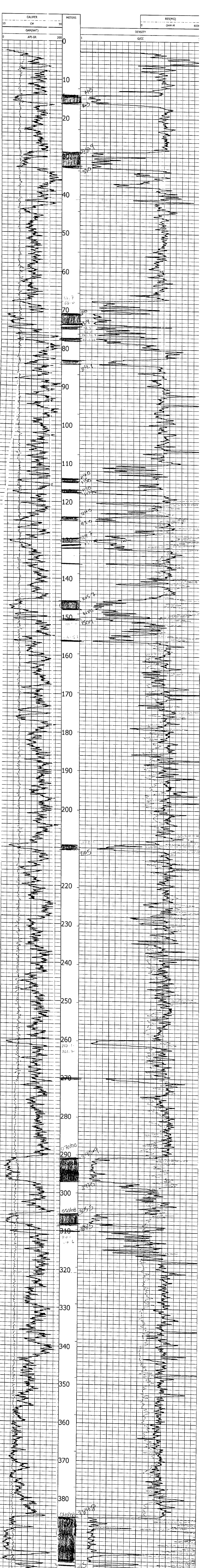


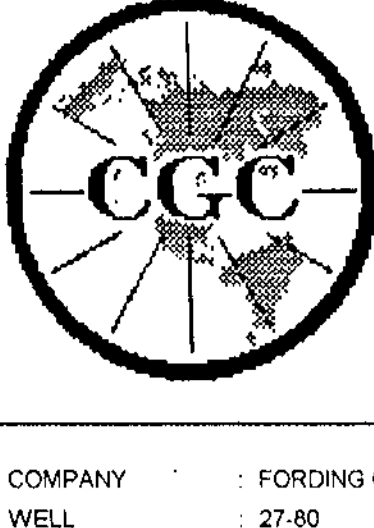
Century GEOPHYSICAL CORP.

27-79

COMPANY : FORDIN 3 COAL LTD	OTHER SERVICES : 23993.6E	
WELL : 27-79	6087	
LOCATION/FIELD : FORDIN 3 RIVER	6055	
COUNTY : ELKFOOD	2779	
STATE : B.C.	el. 1890.9m	
SECTION :	TOWNSHIP :	RANGE :
DATE : 10/23/07	PERMANENT DATUM :	KB :
DEPTH DRILLER : 401 A	LOG MEASURED FROM: G.L.	DF :
LOG BOTTOM : 403.99	DRL MEASURED FROM:	GL :
LOG TOP : 2.47	LOGGING UNIT : 9704	
CASING DIAMETER : 18	FIELD OFFICE : TULSA, OK	
CASING TYPE : STEEL	RECORDED BY : J. GRESCHUK	
CASING THICKNESS :		
BIT SIZE : 14	BOREHOLE FLUID : H2O	FILE : ORIGINAL
MAGNETIC DECL. : 19	RM : 0	TYPE : 9030AA
MATRIX DENSITY : 2.85	RM TEMPERATURE : 0	
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177	THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





Century GEOPHYSICAL CORP.

27-80

COMPANY : FORDING COAL LTD
 WELL : 27-80
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES
 9067
 9055
2780

23898.6E
 152499.7N
 el 1872.2m
 RANGE :

DATE : 10/19/01
 DEPTH DRILLER : 407 BUD
 LOG BOTTOM : 409.84
 LOG TOP : 2.55

TOWNSHIP
 PERMANENT DATUM :

RANGE :

CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :

KB
 DF
 GL

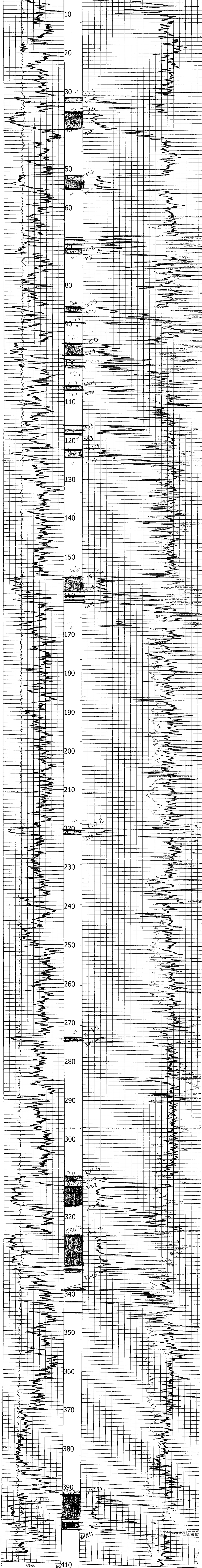
BIT SIZE : .14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

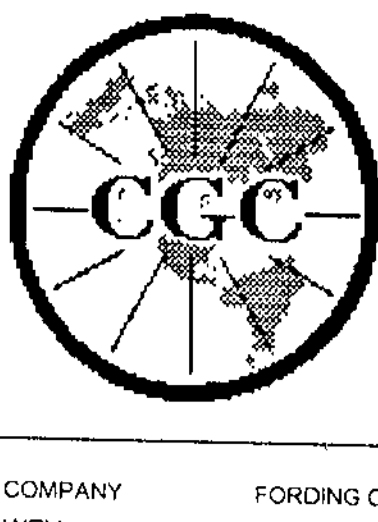
LOGGING UNIT : 9704
 FIPI D OFFICE : TJI SA OK
 RECORDED BY : J.GRESCHUK
 BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9030AA
 THRESH: 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873





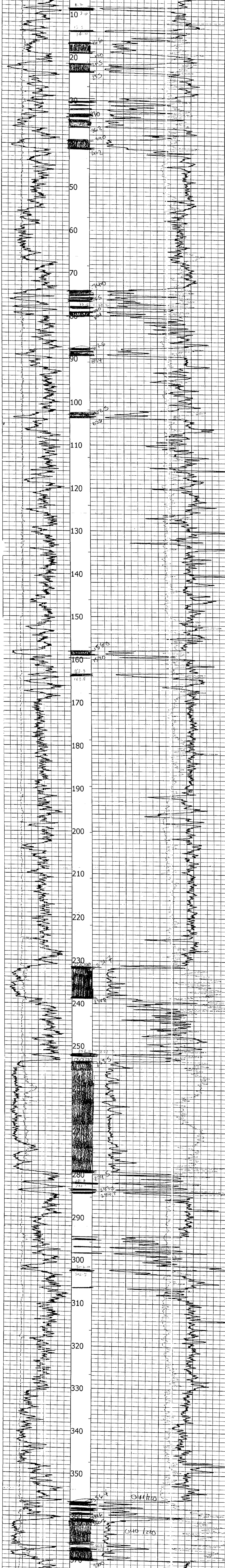
Century GEOPHYSICAL CORP.

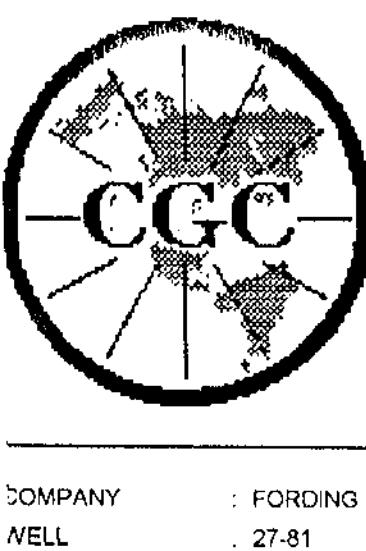
27-82

COMPANY	FORDING COAL LTD	OTHER SERVICES	23970.4E
WELL	27-82	9067	152,861.4N
LOCATION/FIELD	TURNBULL	9055	21,1743.0m
COUNTY	ELKFORD	2792	
STATE	B.C.		
SECTION		TOWNSHIP	RANGE
DATE	11/02/01	PERMANENT DATUM	
DEPTH DRILLER	378	LOG MEASURED FROM	GL
LOG BOTTOM	378.23	DRL MEASURED FROM	GL
LOG TOP	2.29	LOGGING UNIT	9704
CASING DIAMETER	18	FIELD OFFICE	TULSA, OK
CASING TYPE	STEEL	RECORDED BY	J. GRESCHUK
CASING THICKNESS		BOREHOLE FLUID	H2O
BIT SIZE	14	RM	0
MAGNETIC DECL	19	RM TEMPERATURE	0
MATRIX DENSITY	2.65	MATRIX DELTA T	177
NEUTRON MATRIX	sandstone		
		FILE	ORIGINAL
		TYPE	9030AA
		THRESH	20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

#873





#873

Century GEOPHYSICAL CORP.

27-81

COMPANY : FORDING COAL LTD
 WELL : 27-81
 LOCATION/FIELD : FORDING RIVER
 COUNTY : ELKFORD
 STATE : B.C.
 SECTION :

OTHER SERVICES : 23866 OF
 9055 : 152649.48
 9087 : el. 1829.8 m
2781

TOWNSHIP : RANGE :

DATE : 10/30/01
 DEPTH DRILLER : 397
 LOG BOTTOM : 397.68
 LOG TOP : 2.43

PERMANENT DATUM :

KB :

LOG MEASURED FROM: G.L.
 DRL MEASURED FROM:

DF :
 GL :

CASING DIAMETER : 18
 CASING TYPE : STEEL
 CASING THICKNESS :

LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

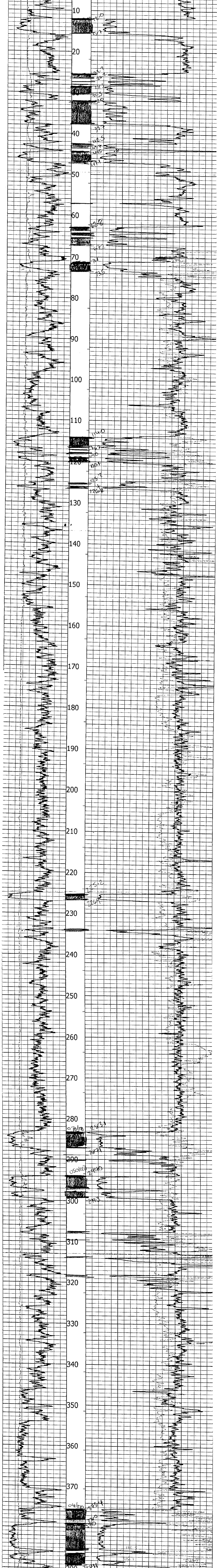
BIT SIZE : 14
 MAGNETIC DECL. : 19
 MATRIX DENSITY : 2.65
 NEUTRON MATRIX : sandstone

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177

FILE : ORIGINAL
 TYPE : 9030AA

THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS





#873

Central GEOPHYSICAL CORP.

27-83

COMPANY : FORDING COAL LTD
 WELL : 27-83
 LOCATION/FIELD : T JRN BULL
 COUNTY : ELK FORD
 STATE : OK
 SECTION :

OTHER SERVICES : 23884.0 E
 9087
 9053
2783
 153046.4 N
 0.1785.1 m

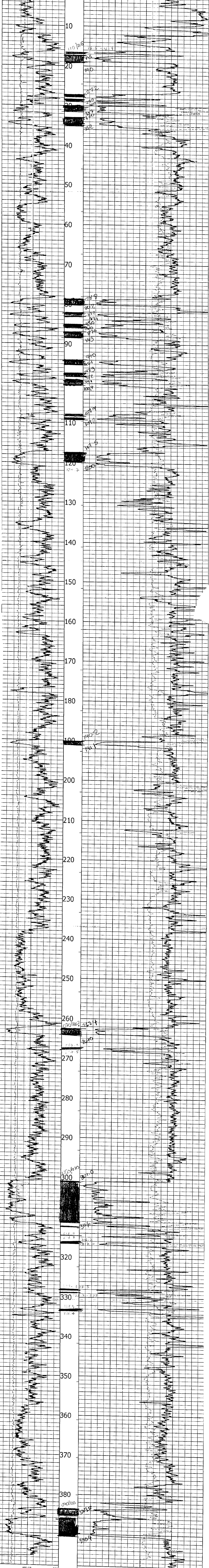
DATE : 11/06/01
 DEPTH DRILLER : 27-83
 LOG BOTTOM : 397.88
 LOG TOP : 2.27
 CASING DIAMETER : .18
 CASING TYPE : STEEL
 CASING THICKNESS :

TOWNSHIP :
 PERMANENT DATUM :
 LOG MEASURED FROM : G.L.
 DRL MEASURED FROM :
 LOGGING UNIT : 9704
 FIELD OFFICE : TULSA, OK
 RECORDED BY : J. GRESCHUK

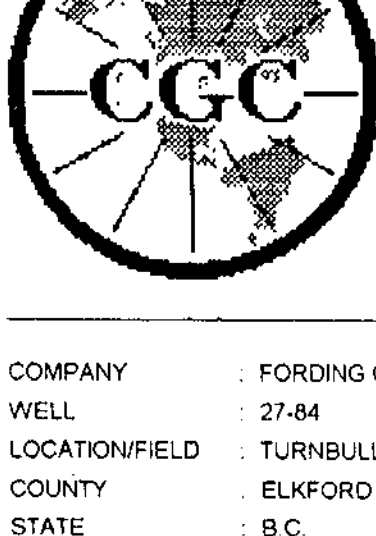
BIT SIZE : 4
 MAGNETIC DECL. : 9
 MATRIX DENSITY : .65
 NEUTRON MATRIX : Sandstone

BOREHOLE FLUID : H2O
 RM : 0
 RM TEMPERATURE : 0
 MATRIX DELTA T : 177
 FILE : ORIGINAL
 TYPE : 9030AA
 THRESH : 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



#878

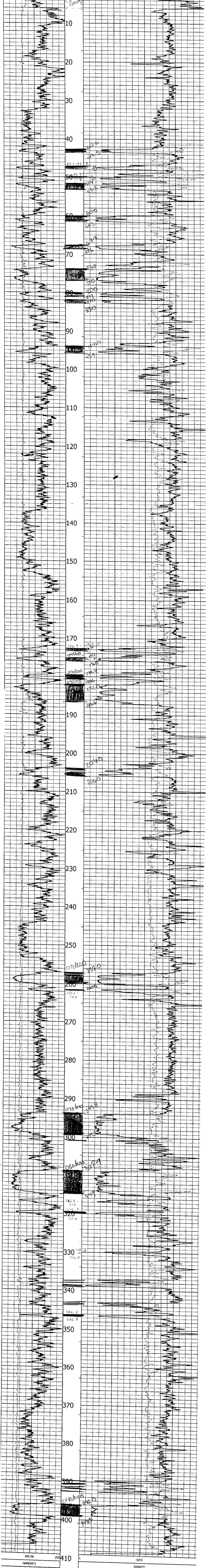


Century GEOPHYSICAL CORP.

27-84

COMPANY : FORDING COAL LTD	OTHER SERVICES : 23908.0 E
WELL : 27-84	9055
LOCATION/FIELD : TURNBULL	9067
COUNTY : ELKFORD	2784
STATE : B.C.	153 207.9 N
SECTION :	el. 1762.0 m
TOWNSHIP :	RANGE :
DATE : 11/10/01	PERMANENT DATUM :
DEPTH DRILLER : 404	LOG MEASURED FROM : G.L.
LOG BOTTOM : 408.91	DRL MEASURED FROM :
LOG TOP : 2.51	KB :
CASING DIAMETER : .18	LOGGING UNIT : 9704
CASING TYPE : STEEL	FIELD OFFICE : TULSA, OK.
CASING THICKNESS :	RECORDED BY : J. GRESCHUK
BIT SIZE : 14	BOREHOLE FLUID : H2O
MAGNETIC DECL. : 19	RM : 0
MATRIX DENSITY : 2.85	RM TEMPERATURE : 0
NEUTRON MATRIX : sandstone	MATRIX DELTA T : 177
	FILE : ORIGINAL
	TYPE : 9030AA
	THRESH. 20000

ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS



2784

GEOL	1-34	25108.402	148429.551	1938.875	0.070	0.106	1.300
GEOL	1-36	25075.514	148676.415	1924.978	0.020	0.025	1.300
GEOL	11-162	25136.365	155504.828	2011.445			
GEOL	11-163	25143.025	155430.703	2014.599			
GEOL	11-164	25178.725	155326.547	2014.941			
GEOL	11-164	25178.725	155326.547	2014.941			
GEOL	11-165	25286.207	155299.406	2015.088			
GEOL	11-166	25143.693	155241.250	2014.103			
GEOL	11-167	25270.061	155226.875	2015.539			
GEOL	11-167	25270.061	155226.875	2015.539			
GEOL	11-168	25320.740	155128.844	2018.072			
GEOL	11-169	25257.377	155115.500	2018.260			
GEOL	11-171	25002.863	155231.703	2015.040			
GEOL	11-172	25368.920	150255.032	2060.277	0.031	0.031	1.400
GEOL	11-174	25478.077	149915.014	2046.845	0.032	0.032	1.400
GEOL	12-149	26195.527	149706.484	2194.073			
GEOL	12-150	26130.130	149860.309	2194.802	0.071	0.079	1.300
GEOL	1230	26214.578	148830.593	1926.343			
GEOL	2737	24235.297	152253.813	2005.007			
GEOL	2738	24118.391	152490.438	1951.517			
GEOL	2739	27153.098	151858.000	2439.920			
GEOL	2740	27815.943	151848.531	2465.678			
GEOL	2741	25715.344	153397.313	1942.378			
GEOL	2742	26143.771	153523.344	1997.964			
GEOL	2743	26670.680	153380.359	2068.627			
GEOL	2744	26901.217	152586.038	2117.599			
GEOL	2745	27402.172	152598.031	2125.749			
GEOL	2746	27321.258	152280.797	2167.156			
GEOL	2747	26726.568	152285.192	2176.821			
GEOL	2748	26523.368	152775.774	2210.796			
GEOL	2749	26159.230	152919.891	2214.718			
GEOL	2751	25262.492	148629.031	1952.733			
GEOL	2752	25410.252	148668.766	1956.376			
GEOL	2753	25364.434	148660.781	1955.701			
GEOL	2754	25410.252	148668.766	1956.376			
GEOL	2755	25475.133	148696.078	1987.200			
GEOL	2756	25228.045	148756.609	1940.323			
GEOL	2757	25283.227	148774.078	1940.354			
GEOL	2758	25327.227	148800.844	1940.566			
GEOL	2759	25392.967	148819.807	1958.164	0.020	0.014	1.400
GEOL	2760	25447.938	148838.354	1955.767	0.024	0.020	1.400
GEOL	2761	26221.580	148696.156	1925.012			
GEOL	2761	26222.174	148696.203	1925.070			
GEOL	2762	26424.697	148670.015	1955.268			
GEOL	2764	26214.707	148829.813	1926.619			
GEOL	2765	26330.782	148819.984	1956.224	0.019	0.026	1.400
GEOL	2766	26479.965	148820.063	1955.899			
GEOL	2767	26621.936	148825.938	1955.657			
GEOL	2768	26490.111	148950.094	1985.207			
GEOL	2769	26661.943	148955.125	1985.860			
GEOL	2771	26584.889	149074.891	2059.263			
GEOL	2772	28650.404	141087.891	1764.447			
GEOL	2773	29048.672	141369.078	1760.104			
GEOL	2774	25401.151	153408.480	1914.411	0.092	0.076	1.600
GEOL	2775	25581.972	153194.167	2057.410	0.026	0.035	1.600
GEOL	2776	25709.311	153173.275	2042.180	0.021	0.018	1.600
GEOL	2777	24228.068	151665.931	1847.524	0.022	0.026	1.400
GEOL	2778	23956.692	152149.591	1897.920	0.021	0.020	1.600
GEOL	2779	23893.561	152355.826	1880.937	0.023	0.021	1.600
GEOL	2780	23898.599	152499.681	1872.201	0.026	0.019	1.600
GEOL	2781	23866.006	152649.404	1829.823	0.016	0.012	1.550
GEOL	2782	23870.422	152861.371	1793.001	0.048	0.022	1.400
GEOL	2783	23884.042	153046.357	1785.076	0.091	0.089	1.400
GEOL	2784	23907.975	153207.870	1761.992	0.015	0.015	1.400
GEOL	4-76	27078.307	150112.141	2181.081			
GEOL	5-123	26139.350	148829.844	1925.358			
GEOL	5-124	26159.885	148765.078	1925.787			
GEOL	7-119	24752.406	150022.484	2046.041			

#873

Turnbull Mtn

Chaucer's Creek

Turnbull Mtn

West Turnbull

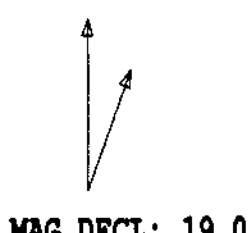
EK Valley

RH#2750 647785E 5584522N. E1.1570m UTM

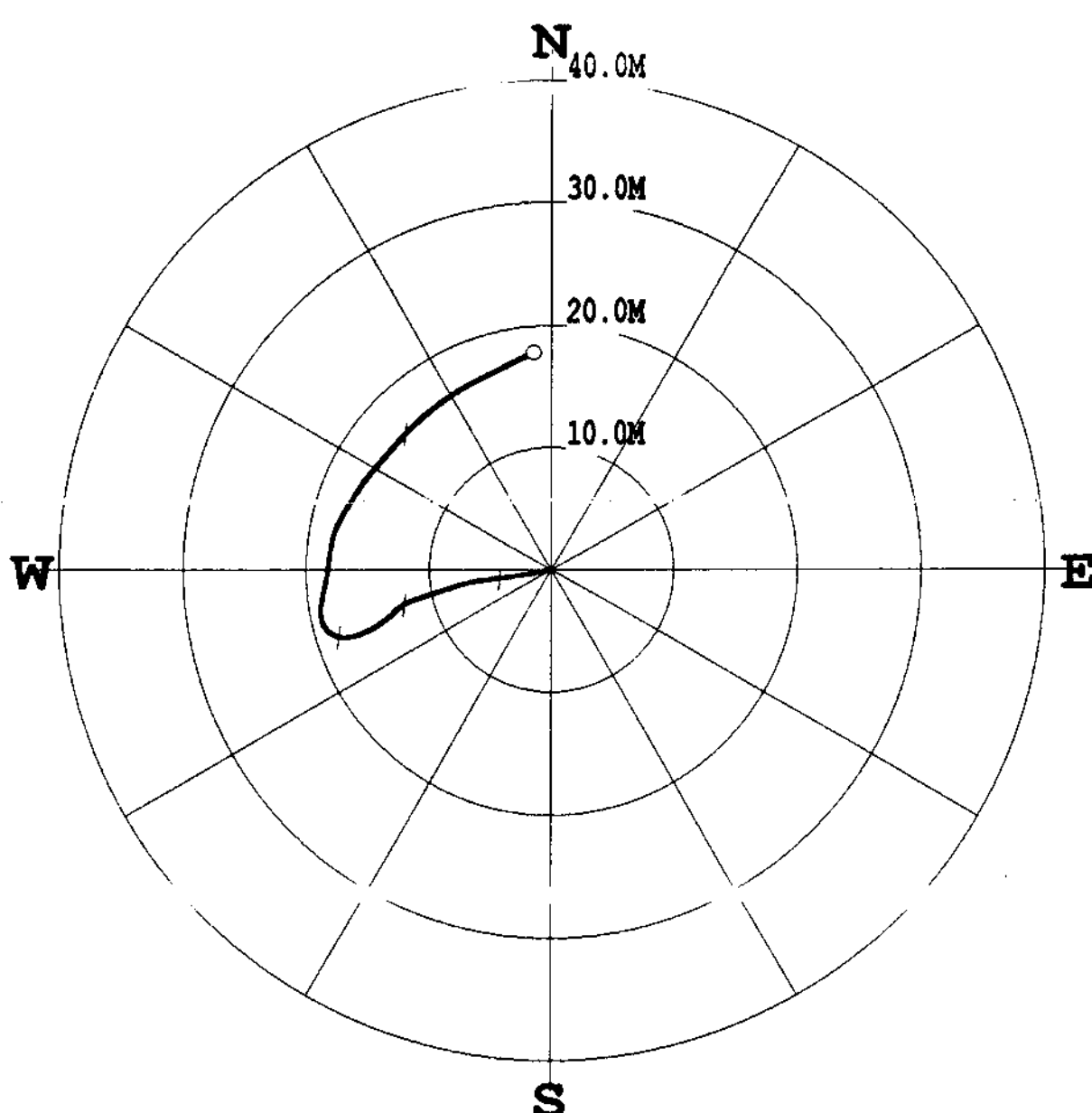
PLAN VIEW COMPU-LOG DEVIATION

#873

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-37
 DATE OF LOG: 08/18/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 577.90 M
 AZIMUTH: 355.4
 DISTANCE: 17.8 M
 + = 100 M INCR
 O = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-37
 FIELD OFFICE : TULSA,OK. DATE OF LOG : 08/18/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-37_08-18-01_11-40_9055A_.02_20.60_580.64_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.6	20.62	0.00	-0.00	0.0	272.1	0.1	272.1
30.0	30.00	-0.00	-0.02	0.0	269.3	0.2	251.3
40.0	40.00	-0.05	-0.18	0.2	253.8	1.4	248.6
50.0	49.99	-0.16	-0.58	0.6	254.6	2.0	260.6
60.0	59.97	-0.28	-1.16	1.2	256.6	3.8	264.3
70.0	69.95	-0.40	-1.78	1.8	257.4	4.0	261.0
80.0	79.92	-0.51	-2.52	2.6	258.6	4.4	260.7
90.0	89.89	-0.63	-3.34	3.4	259.3	5.0	262.2
100.0	99.85	-0.73	-4.20	4.3	260.2	5.1	271.5
110.0	109.81	-0.84	-5.08	5.1	260.6	5.1	262.9
120.0	119.77	-0.97	-5.93	6.0	260.7	6.1	262.1
130.0	129.73	-1.16	-6.86	7.0	260.4	4.7	251.5
140.0	139.68	-1.42	-7.80	7.9	259.7	5.7	226.2
150.0	149.64	-1.68	-8.62	8.8	259.0	4.8	250.5
160.0	159.61	-1.91	-9.38	9.6	258.5	4.3	248.4
170.0	169.58	-2.15	-10.08	10.3	258.0	4.3	252.8
180.0	179.55	-2.39	-10.79	11.0	257.5	4.4	251.9
190.0	189.52	-2.62	-11.46	11.8	257.1	4.0	252.4
200.0	199.51	-2.88	-12.01	12.3	256.5	2.9	241.1
210.0	209.49	-3.20	-12.44	12.6	255.6	2.9	231.0
220.0	219.48	-3.54	-12.82	13.3	254.6	2.9	231.3
230.0	229.46	-3.90	-13.22	13.8	253.6	3.7	227.9
240.0	239.44	-4.30	-13.71	14.4	252.6	3.7	241.8
250.0	249.42	-4.71	-14.29	15.0	251.8	4.0	240.6
260.0	259.39	-5.06	-14.94	15.8	251.3	4.3	242.5
270.0	269.36	-5.35	-15.62	16.5	251.1	4.1	245.9
280.0	279.34	-5.55	-16.29	17.2	251.2	3.6	259.0
290.0	289.32	-5.60	-16.84	17.7	251.6	2.8	266.2
300.0	299.31	-5.56	-17.30	18.2	252.2	2.2	285.1
310.0	309.30	-5.43	-17.68	18.5	252.9	2.2	277.2
320.0	319.29	-5.22	-18.03	18.8	253.9	2.3	309.5
330.0	329.28	-4.90	-18.35	19.0	255.0	2.7	325.3
340.0	339.27	-4.43	-18.60	19.1	256.6	3.7	335.7
350.0	349.24	-3.76	-18.72	19.1	258.7	4.5	356.5
360.0	359.21	-3.00	-18.72	19.0	260.9	4.4	4.5
370.0	369.18	-2.16	-18.59	18.7	263.4	4.9	7.0
380.0	379.14	-1.34	-18.42	18.5	265.8	4.7	10.5
390.0	389.11	-0.53	-18.26	18.3	268.3	5.2	11.2
400.0	399.06	0.40	-18.13	18.1	271.3	6.0	7.0
410.0	409.00	1.48	-18.00	18.1	274.7	6.5	10.0
420.0	418.94	2.58	-17.79	18.0	278.2	6.2	14.1
430.0	428.88	3.58	-17.45	17.8	281.6	6.7	28.8
440.0	438.82	4.57	-16.96	17.6	285.1	6.7	29.7
450.0	448.75	5.56	-16.34	17.3	288.8	6.6	32.4
460.0	458.68	6.60	-15.69	17.0	292.8	7.5	34.6
470.0	468.59	7.69	-14.90	16.8	297.3	7.8	39.3
480.0	478.49	8.74	-14.03	16.5	301.9	7.6	43.2
490.0	488.40	9.77	-13.12	16.4	306.7	8.0	39.8
500.0	498.29	10.88	-12.14	16.3	311.9	9.1	39.4
510.0	508.16	11.99	-11.04	16.3	317.4	8.9	46.6
520.0	518.04	13.01	-9.88	16.3	322.8	9.0	49.8

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

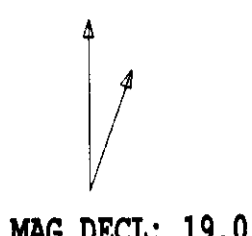
CLIENT : FORDING COAL LTD HOLE ID. : 27-37
 FIELD OFFICE : TULSA,OK. DATE OF LOG : 08/18/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-37_08-18-01_11-40_9055A_.02_20.60_580.64_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
530.0	527.92	13.94	-8.64	16.4	328.2	9.0	54.2
540.0	537.80	14.80	-7.30	16.5	333.7	9.0	60.9
550.0	547.67	15.55	-5.92	16.6	339.2	9.9	60.5
560.0	557.54	16.27	-4.47	16.9	344.6	9.5	65.6
570.0	567.41	16.99	-3.02	17.3	349.9	9.5	63.9
580.0	577.26	17.73	-1.52	17.8	355.1	9.8	63.7
580.6	577.86	17.77	-1.43	17.8	355.4	9.7	63.6

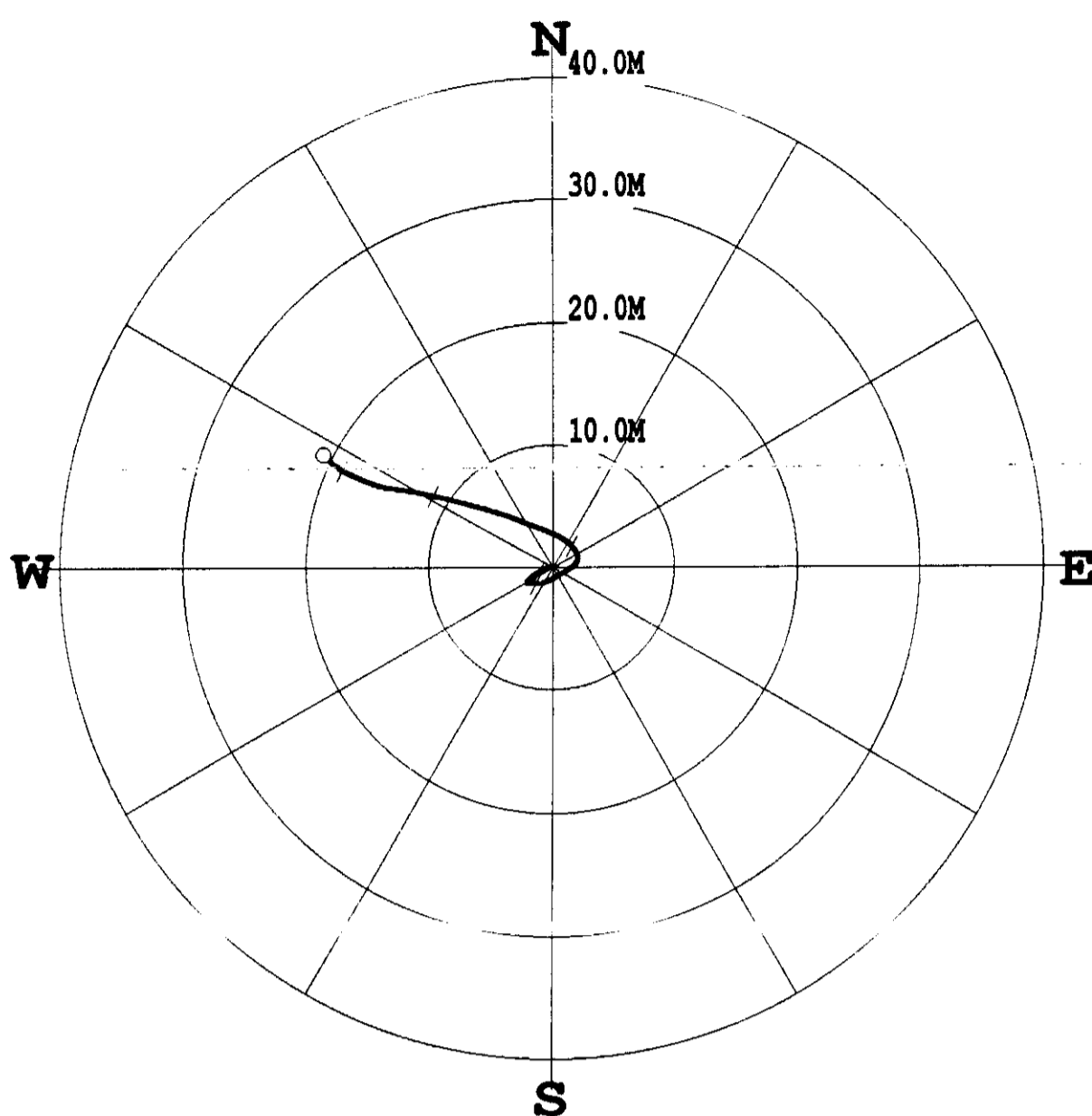
PLAN VIEW COMPU-LOG DEVIATION

#873

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-38
 DATE OF LOG: 08/22/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 538.17 M
 AZIMUTH: 296.5
 DISTANCE: 20.7 M
 + = 100 M INCR
 O = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-38
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 08/22/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-38_08-22-01_16-58_9055A_.02_18.77_539.51_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	-0.00	0.00	0.0	93.9	0.2	125.8
30.0	29.99	-0.01	0.01	0.0	128.2	0.1	89.0
40.0	39.99	0.00	-0.01	0.0	282.6	0.0	302.7
50.0	49.99	0.01	-0.07	0.1	279.3	0.6	265.6
60.0	59.99	-0.01	-0.23	0.2	268.0	1.2	259.7
70.0	69.99	-0.07	-0.46	0.5	261.2	1.7	254.0
80.0	79.98	-0.18	-0.69	0.7	255.7	1.5	241.4
90.0	89.98	-0.29	-0.90	0.9	251.9	1.5	235.6
100.0	99.98	-0.43	-1.12	1.2	249.1	1.5	235.3
110.0	109.97	-0.58	-1.35	1.5	247.0	1.5	243.9
120.0	119.97	-0.72	-1.56	1.7	245.3	1.0	228.9
130.0	129.97	-0.86	-1.73	1.9	243.5	0.8	240.1
140.0	139.96	-1.03	-1.89	2.2	241.5	1.1	219.8
150.0	149.96	-1.17	-2.00	2.3	239.7	1.2	233.4
160.0	159.96	-1.27	-2.07	2.4	238.4	0.2	218.1
170.0	169.96	-1.29	-2.07	2.4	238.0	0.3	135.4
180.0	179.96	-1.33	-1.97	2.4	236.1	1.1	101.2
190.0	189.96	-1.35	-1.70	2.2	231.4	2.0	86.7
200.0	199.95	-1.37	-1.37	1.9	225.1	2.2	97.0
210.0	209.94	-1.36	-1.00	1.7	216.3	2.3	88.6
220.0	219.93	-1.22	-0.55	1.3	204.3	3.2	67.7
230.0	229.91	-0.95	-0.01	1.0	180.9	4.4	62.9
240.0	239.89	-0.62	0.55	0.8	138.5	4.7	83.6
250.0	249.87	-0.29	1.14	1.2	104.0	3.8	54.6
260.0	259.85	0.05	1.63	1.6	88.1	3.0	51.0
270.0	269.84	0.40	1.95	2.0	78.4	2.5	37.9
280.0	279.83	0.78	2.08	2.2	69.4	3.1	351.4
290.0	289.81	1.31	1.87	2.3	55.1	3.5	330.0
300.0	299.80	1.76	1.53	2.3	41.0	3.3	317.5
310.0	309.78	2.18	1.07	2.4	26.1	4.7	297.1
320.0	319.73	2.65	0.30	2.7	6.5	5.7	292.3
330.0	329.68	3.08	-0.67	3.1	347.8	6.5	291.9
340.0	339.61	3.52	-1.76	3.9	333.4	7.0	290.9
350.0	349.53	3.98	-2.89	4.9	324.0	7.4	293.9
360.0	359.45	4.42	-4.09	6.0	317.2	7.5	286.6
370.0	369.36	4.82	-5.36	7.2	312.0	8.2	289.5
380.0	379.26	5.22	-6.72	8.5	307.8	8.4	283.7
390.0	389.15	5.59	-8.15	9.9	304.4	8.7	287.4
400.0	399.05	5.93	-9.54	11.2	301.9	7.9	283.1
410.0	408.96	6.20	-10.82	12.5	299.8	7.1	283.7
420.0	418.89	6.39	-11.99	13.6	298.0	6.6	280.2
430.0	428.84	6.55	-13.01	14.6	296.7	5.4	279.5
440.0	438.80	6.69	-13.86	15.4	295.8	4.6	288.7
450.0	448.78	6.88	-14.49	16.0	295.4	2.9	291.1
460.0	458.76	7.04	-14.93	16.5	295.2	3.1	290.5
470.0	468.75	7.23	-15.41	17.0	295.1	2.9	287.8
480.0	478.74	7.47	-15.91	17.6	295.1	3.6	300.1
490.0	488.72	7.71	-16.44	18.2	295.1	3.3	293.9
500.0	498.70	7.97	-16.98	18.8	295.2	3.4	304.5
510.0	508.68	8.28	-17.44	19.3	295.4	2.7	311.8
520.0	518.67	8.58	-17.85	19.8	295.7	2.9	307.7

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

CLIENT : FORDING COAL LTD HOLE ID. : 27-38
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 08/22/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-38_08-22-01_16-58_9055A_.02_18.77_539.51_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
530.0	528.66	8.91	-18.21	20.3	296.1	2.9	314.8
539.5	538.13	9.24	-18.56	20.7	296.5	2.5	314.8

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

CLIENT : FORDING COAL LTD HOLE ID. : 27-39
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 08/27/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-39_08-27-01_14-58_9055A_.02_9.17_437.28_DEVI.log

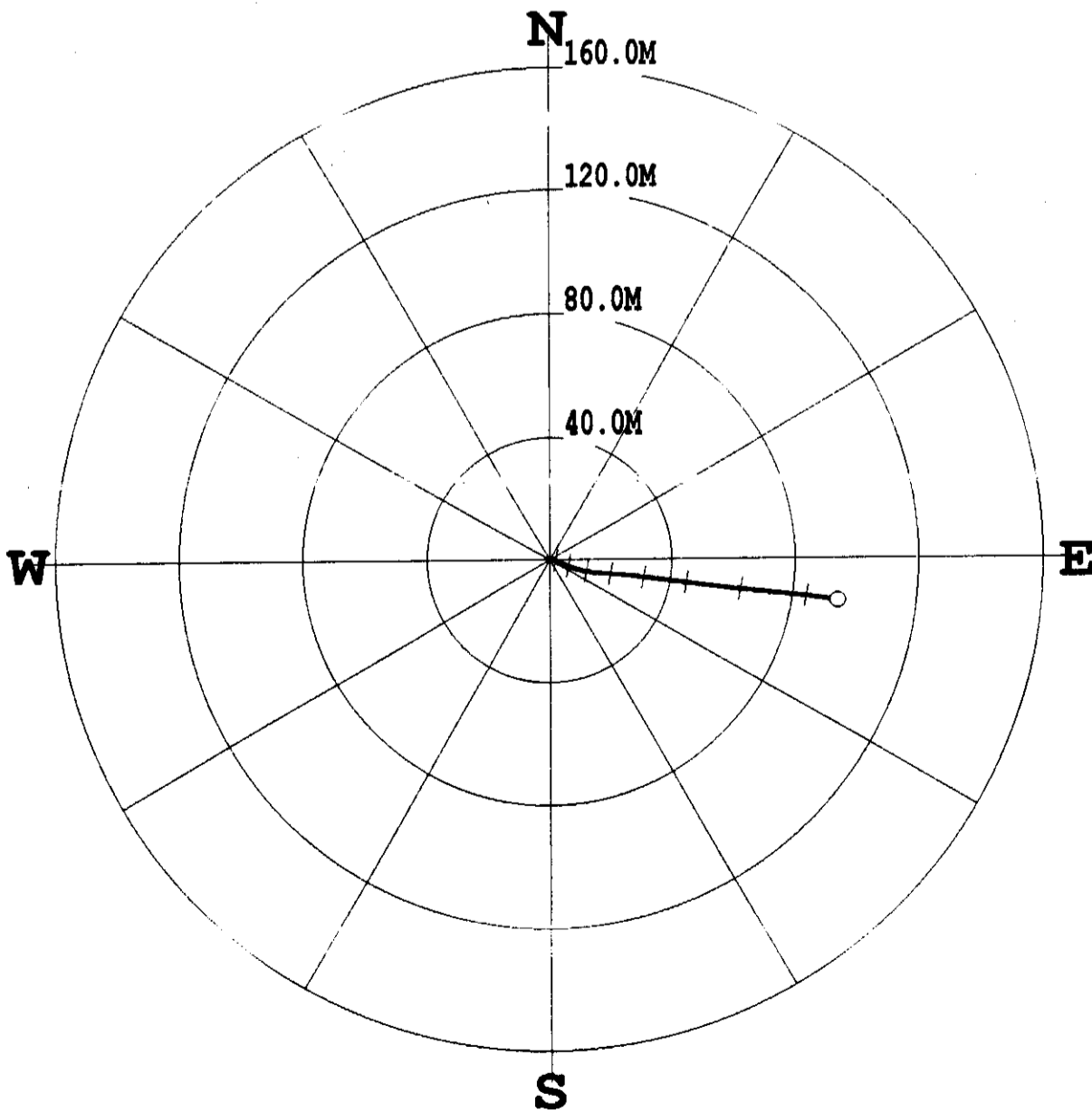
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
10.0	9.99	0.00	0.02	0.0	78.8	1.2	72.0
20.0	19.99	0.05	0.26	0.3	80.1	1.7	82.5
30.0	29.98	0.01	0.66	0.7	89.2	2.8	94.4
40.0	39.96	-0.15	1.18	1.2	97.4	3.0	120.3
50.0	49.94	-0.41	1.76	1.8	103.2	4.1	110.2
60.0	59.91	-0.69	2.44	2.5	105.9	5.0	111.5
70.0	69.88	-1.05	3.23	3.4	108.0	5.5	120.4
80.0	79.83	-1.44	4.09	4.3	109.4	5.6	112.3
90.0	89.78	-1.83	4.98	5.3	110.2	5.8	114.8
100.0	99.72	-2.25	5.96	6.4	110.7	6.2	113.4
110.0	109.66	-2.66	7.03	7.5	110.7	6.6	110.0
120.0	119.59	-3.02	8.15	8.7	110.4	6.8	106.4
130.0	129.51	-3.35	9.33	9.9	109.7	7.0	104.5
140.0	139.43	-3.66	10.53	11.1	109.2	7.5	102.9
150.0	149.34	-3.93	11.82	12.5	108.4	7.6	103.9
160.0	159.25	-4.18	13.14	13.8	107.6	7.8	97.8
170.0	169.16	-4.40	14.49	15.1	106.9	8.2	98.3
180.0	179.05	-4.59	15.95	16.6	106.1	8.9	96.7
190.0	188.91	-4.76	17.56	18.2	105.2	9.3	90.8
200.0	198.75	-4.91	19.33	19.9	104.2	10.0	94.5
210.0	208.55	-5.06	21.29	21.9	103.4	11.7	94.1
220.0	218.34	-5.18	23.30	23.9	102.5	12.2	94.8
230.0	228.11	-5.35	25.38	25.9	101.9	12.4	95.2
240.0	237.87	-5.61	27.58	28.1	101.5	13.2	94.6
250.0	247.59	-5.91	29.89	30.5	101.2	14.3	98.4
260.0	257.28	-6.23	32.29	32.9	100.9	14.4	98.0
270.0	266.94	-6.54	34.77	35.4	100.7	15.2	98.2
280.0	276.56	-6.92	37.47	38.1	100.5	16.5	98.5
290.0	286.15	-7.31	40.28	40.9	100.3	16.6	97.1
300.0	295.71	-7.67	43.16	43.8	100.1	17.5	98.6
310.0	305.23	-8.07	46.18	46.9	99.9	18.0	98.1
320.0	314.72	-8.48	49.32	50.0	99.8	18.9	96.6
330.0	324.17	-8.86	52.56	53.3	99.6	19.5	96.6
340.0	333.58	-9.26	55.92	56.7	99.4	20.2	97.4
350.0	342.94	-9.68	59.41	60.2	99.3	21.0	97.3
360.0	352.23	-10.15	63.08	63.9	99.1	22.0	96.3
370.0	361.49	-10.57	66.82	67.6	99.0	22.5	95.1
380.0	370.75	-10.99	70.58	71.4	98.9	22.3	97.0
390.0	379.98	-11.40	74.42	75.3	98.7	23.7	95.7
400.0	389.11	-11.80	78.46	79.3	98.6	24.1	95.7
410.0	398.24	-12.27	82.53	83.4	98.5	24.3	97.6
420.0	407.37	-12.77	86.57	87.5	98.4	23.9	97.0
430.0	416.51	-13.30	90.59	91.6	98.4	23.6	97.7
437.3	423.13	-13.68	93.49	94.5	98.3	23.9	96.1

**PLAN VIEW
COMPU-LOG DEVIATION**

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-39
 DATE OF LOG: 08/27/01
 PROBE: 9055A 58



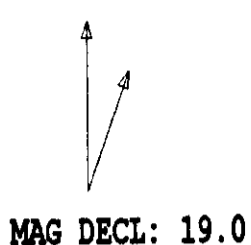
SCALE: 20 M/CM
 TRUE DEPTH: 423.17 M
 AZIMUTH: 98.3
 DISTANCE: 94.5 M
 + = 50 M INCR
 O = BOTTOM OF HOLE



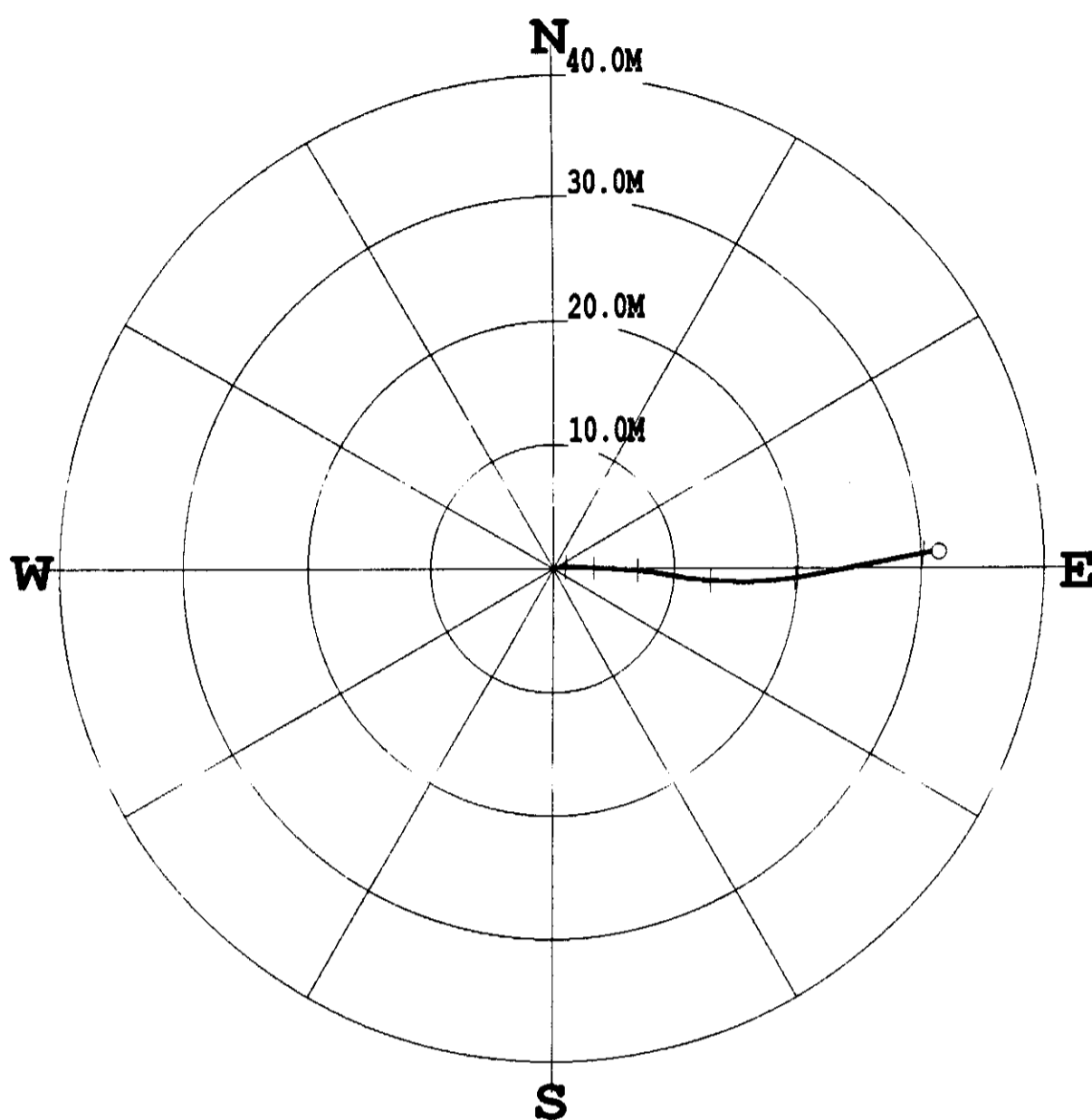
PLAN VIEW COMPU-LOG DEVIATION

#873

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-40
 DATE OF LOG: 08/30/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 304.99 M
 AZIMUTH: 87.6
 DISTANCE: 31.4 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

CLIENT	: FORDING COAL LTD	HOLE ID.	: 27-40
FIELD OFFICE	: TULSA, OK.	DATE OF LOG	: 08/30/01
DATA FROM	:	PROBE	: 9055A , 58
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG: 27-40_08-30-01_03-47_9055A_.02_19.50_307.32_DEVI.log			

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.00	0.01	0.0	78.3	1.1	71.1
30.0	30.00	0.04	0.28	0.3	81.2	2.0	106.0
40.0	39.99	0.09	0.64	0.6	82.4	2.5	97.1
50.0	49.98	0.11	1.03	1.0	83.7	2.4	88.1
60.0	59.97	0.14	1.46	1.5	84.6	2.3	87.6
70.0	69.96	0.14	1.92	1.9	85.7	3.0	86.7
80.0	79.95	0.11	2.40	2.4	87.3	2.7	97.1
90.0	89.94	0.08	2.86	2.9	88.4	2.5	92.9
100.0	99.93	0.05	3.35	3.4	89.2	3.1	93.5
110.0	109.91	-0.00	3.92	3.9	90.0	3.6	97.6
120.0	119.89	-0.04	4.59	4.6	90.5	3.8	95.0
130.0	129.86	-0.07	5.27	5.3	90.7	4.1	98.0
140.0	139.83	-0.12	6.06	6.1	91.1	4.8	93.2
150.0	149.79	-0.18	6.95	6.9	91.5	5.4	96.4
160.0	159.74	-0.30	7.92	7.9	92.2	5.9	99.9
170.0	169.69	-0.47	8.97	9.0	93.0	6.4	99.1
180.0	179.62	-0.65	10.13	10.2	93.7	7.0	99.8
190.0	189.53	-0.87	11.40	11.4	94.3	9.7	71.1
200.0	199.43	-0.99	12.80	12.8	94.4	8.5	97.0
210.0	209.33	-1.07	14.22	14.3	94.3	8.0	92.5
220.0	219.24	-1.10	15.59	15.6	94.0	7.9	90.8
230.0	229.14	-1.06	16.95	17.0	93.6	7.7	86.2
240.0	239.05	-0.96	18.27	18.3	93.0	7.3	85.1
250.0	248.96	-0.83	19.63	19.6	92.4	8.3	81.2
260.0	258.83	-0.56	21.21	21.2	91.5	10.3	81.2
270.0	268.65	-0.22	23.06	23.1	90.6	11.7	79.8
280.0	278.43	0.16	25.12	25.1	89.6	12.5	79.1
290.0	288.17	0.58	27.33	27.3	88.8	13.2	79.2
300.0	297.89	1.02	29.63	29.6	88.0	13.9	79.5
307.3	304.95	1.29	31.39	31.4	87.6	15.0	80.7

PLAN VIEW COMPU-LOG DEVIATION

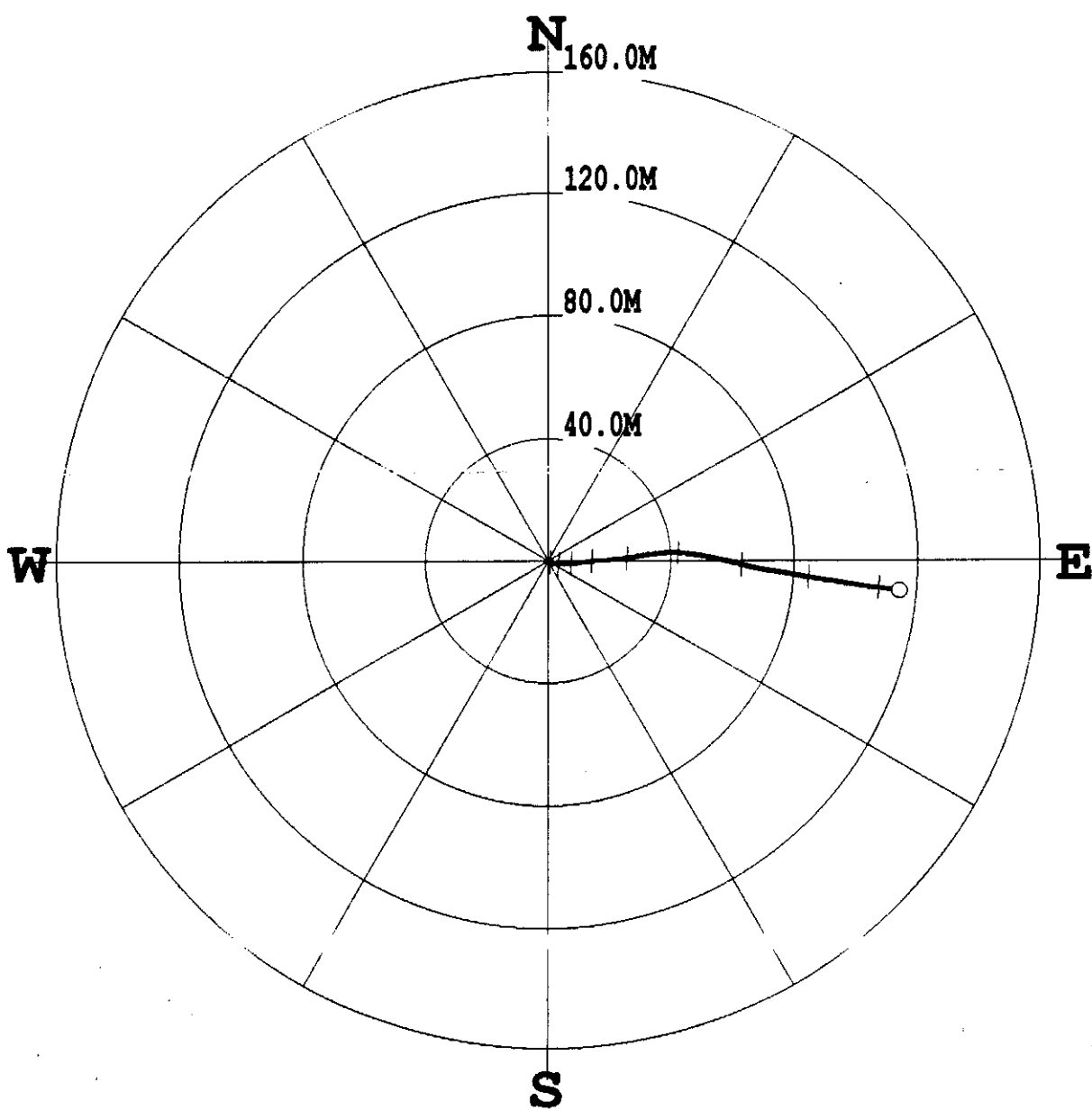
CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-41
 DATE OF LOG: 09/04/01
 PROBE: 9055A 58

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#873

MAG DECL: 19.0

SCALE: 20 M/CM
 TRUE DEPTH: 464.90 M
 AZIMUTH: 94.9
 DISTANCE: 114.5 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

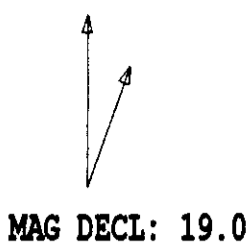
CLIENT : FORDING COAL LTD HOLE ID. : 27-41
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 09/04/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-41_09-04-01_13-50_9055A_.02_20.50_485.14_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.5	20.52	-0.00	0.00	0.0	140.8	1.6	141.3
30.0	30.00	-0.18	0.16	0.2	138.5	1.7	119.2
40.0	39.99	-0.40	0.36	0.5	137.7	2.3	135.3
50.0	49.98	-0.61	0.69	0.9	131.5	2.9	117.2
60.0	59.97	-0.83	1.15	1.4	125.7	3.2	111.5
70.0	69.95	-1.02	1.67	2.0	121.4	3.0	105.6
80.0	79.94	-1.16	2.20	2.5	117.8	3.4	96.8
90.0	89.92	-1.21	2.78	3.0	113.6	3.5	92.8
100.0	99.90	-1.22	3.37	3.6	109.8	3.3	91.4
110.0	109.88	-1.21	4.06	4.2	106.6	4.4	87.4
120.0	119.85	-1.18	4.86	5.0	103.6	4.8	86.7
130.0	129.81	-1.12	5.75	5.9	101.1	5.2	85.3
140.0	139.76	-1.03	6.69	6.8	98.7	5.7	82.2
150.0	149.71	-0.93	7.73	7.8	96.9	6.2	85.1
160.0	159.65	-0.84	8.83	8.9	95.4	6.3	86.1
170.0	169.58	-0.74	9.96	10.0	94.3	6.8	84.7
180.0	179.51	-0.63	11.19	11.2	93.2	7.5	86.8
190.0	189.40	-0.48	12.59	12.6	92.2	8.6	86.7
200.0	199.27	-0.29	14.19	14.2	91.2	10.2	82.1
210.0	209.11	-0.13	15.99	16.0	90.4	10.0	94.5
220.0	218.91	-0.03	17.96	18.0	90.1	12.3	88.2
230.0	228.67	0.11	20.14	20.1	89.7	13.2	83.6
240.0	238.38	0.40	22.49	22.5	89.0	14.3	84.8
250.0	248.03	0.67	25.07	25.1	88.5	15.9	82.0
260.0	257.63	1.00	27.86	27.9	87.9	16.7	81.8
270.0	267.20	1.45	30.74	30.8	87.3	17.1	81.2
280.0	276.72	1.93	33.76	33.8	86.7	18.3	82.1
290.0	286.18	2.26	36.99	37.1	86.5	19.3	84.6
300.0	295.56	2.42	40.45	40.5	86.6	21.1	91.2
310.0	304.87	2.22	44.08	44.1	87.1	21.6	94.3
320.0	314.13	1.73	47.81	47.8	87.9	22.6	96.3
330.0	323.37	1.07	51.60	51.6	88.8	22.9	101.0
340.0	332.56	0.30	55.45	55.4	89.7	23.2	101.2
350.0	341.74	-0.56	59.31	59.3	90.5	23.4	104.0
360.0	350.91	-1.54	63.19	63.2	91.4	23.7	103.6
370.0	360.06	-2.44	67.12	67.2	92.1	23.6	101.0
380.0	369.22	-3.17	71.06	71.1	92.6	23.3	99.2
390.0	378.39	-3.75	75.02	75.1	92.9	23.6	99.0
400.0	387.53	-4.46	79.00	79.1	93.2	24.1	100.5
410.0	396.64	-5.21	83.06	83.2	93.6	24.8	99.0
420.0	405.72	-5.93	87.19	87.4	93.9	25.1	97.5
430.0	414.80	-6.57	91.32	91.6	94.1	24.4	98.2
440.0	423.90	-7.23	95.41	95.7	94.3	24.4	100.2
450.0	432.99	-7.91	99.53	99.8	94.5	25.0	98.5
460.0	442.07	-8.52	103.68	104.0	94.7	24.8	97.7
470.0	451.14	-9.03	107.84	108.2	94.8	24.6	97.7
480.0	460.24	-9.58	111.96	112.4	94.9	24.8	101.1
485.1	464.87	-9.86	114.08	114.5	94.9	24.5	97.5

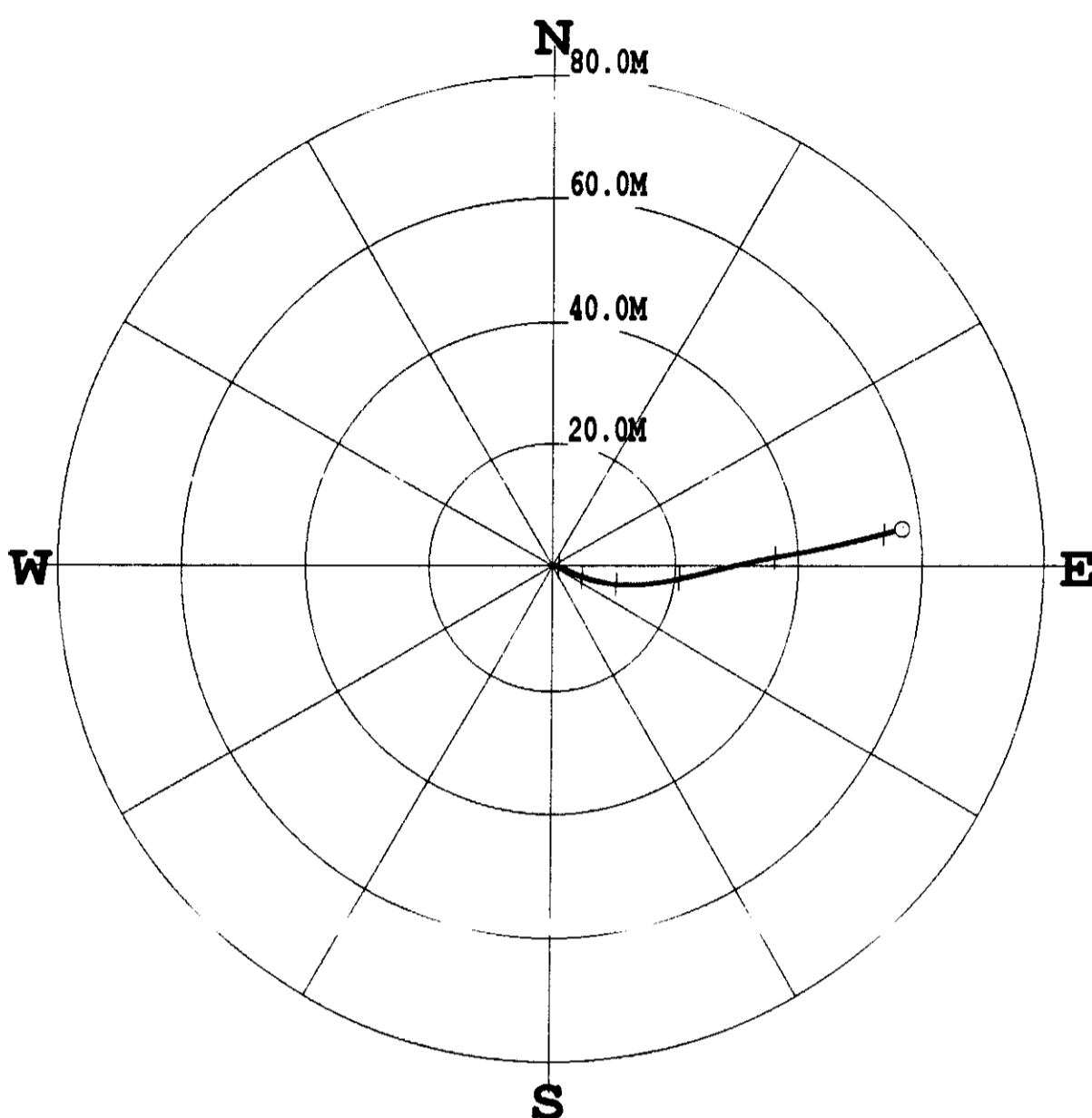
PLAN VIEW COMPU-LOG DEVIATION

373

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-42
 DATE OF LOG: 09/07/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 308.55 M
 AZIMUTH: 84.0
 DISTANCE: 57.0 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

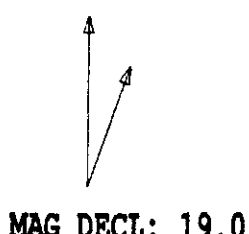
CLIENT : FORDING COAL LTD	HOLE ID. : 27-42
FIELD OFFICE : TULSA, OK.	DATE OF LOG : 09/07/01
DATA FROM :	PROBE : 9055A , 58
MAG. DECL. : 19.000	DEPTH UNITS : METERS
LOG: 27-42_09-07-01_13-20_9055A_.02_18.39_316.35_DEVI.log	

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	0.00	0.02	0.0	88.0	0.5	70.3
30.0	29.99	0.00	0.21	0.2	89.6	1.6	106.9
40.0	39.98	-0.06	0.54	0.5	96.2	2.7	104.3
50.0	49.97	-0.22	1.03	1.0	102.1	3.6	117.6
60.0	59.94	-0.47	1.67	1.7	105.8	4.3	111.6
70.0	69.91	-0.78	2.39	2.5	108.2	4.9	115.3
80.0	79.87	-1.15	3.20	3.4	109.8	5.4	112.6
90.0	89.83	-1.51	4.02	4.3	110.6	5.0	105.7
100.0	99.79	-1.83	4.83	5.2	110.8	4.8	102.9
110.0	109.76	-2.10	5.66	6.0	110.3	5.3	106.7
120.0	119.71	-2.39	6.60	7.0	109.9	6.3	105.5
130.0	129.64	-2.65	7.68	8.1	109.0	6.8	97.1
140.0	139.56	-2.87	8.93	9.4	107.8	8.0	100.4
150.0	149.46	-3.05	10.32	10.8	106.5	8.6	95.4
160.0	159.34	-3.15	11.87	12.3	104.9	9.3	89.6
170.0	169.18	-3.15	13.62	14.0	103.0	11.1	90.6
180.0	178.98	-2.97	15.62	15.9	100.8	12.0	84.2
190.0	188.75	-2.70	17.73	17.9	98.6	13.0	80.4
200.0	198.44	-2.29	20.13	20.3	96.5	15.5	74.9
210.0	208.06	-1.70	22.79	22.9	94.3	16.3	76.2
220.0	217.64	-1.02	25.60	25.6	92.3	17.3	75.4
230.0	227.16	-0.30	28.58	28.6	90.6	18.4	76.5
240.0	236.65	0.41	31.65	31.7	89.3	18.4	78.1
250.0	246.13	1.05	34.74	34.8	88.3	18.8	79.9
260.0	255.58	1.63	37.97	38.0	87.5	19.6	80.6
270.0	265.00	2.22	41.28	41.3	86.9	19.6	80.0
280.0	274.40	2.91	44.62	44.7	86.3	20.1	76.8
290.0	283.78	3.69	48.00	48.1	85.6	20.2	76.3
300.0	293.17	4.52	51.32	51.5	85.0	19.9	75.9
310.0	302.58	5.38	54.61	54.9	84.4	20.0	75.4
316.4	308.52	5.95	56.69	57.0	84.0	20.2	74.9

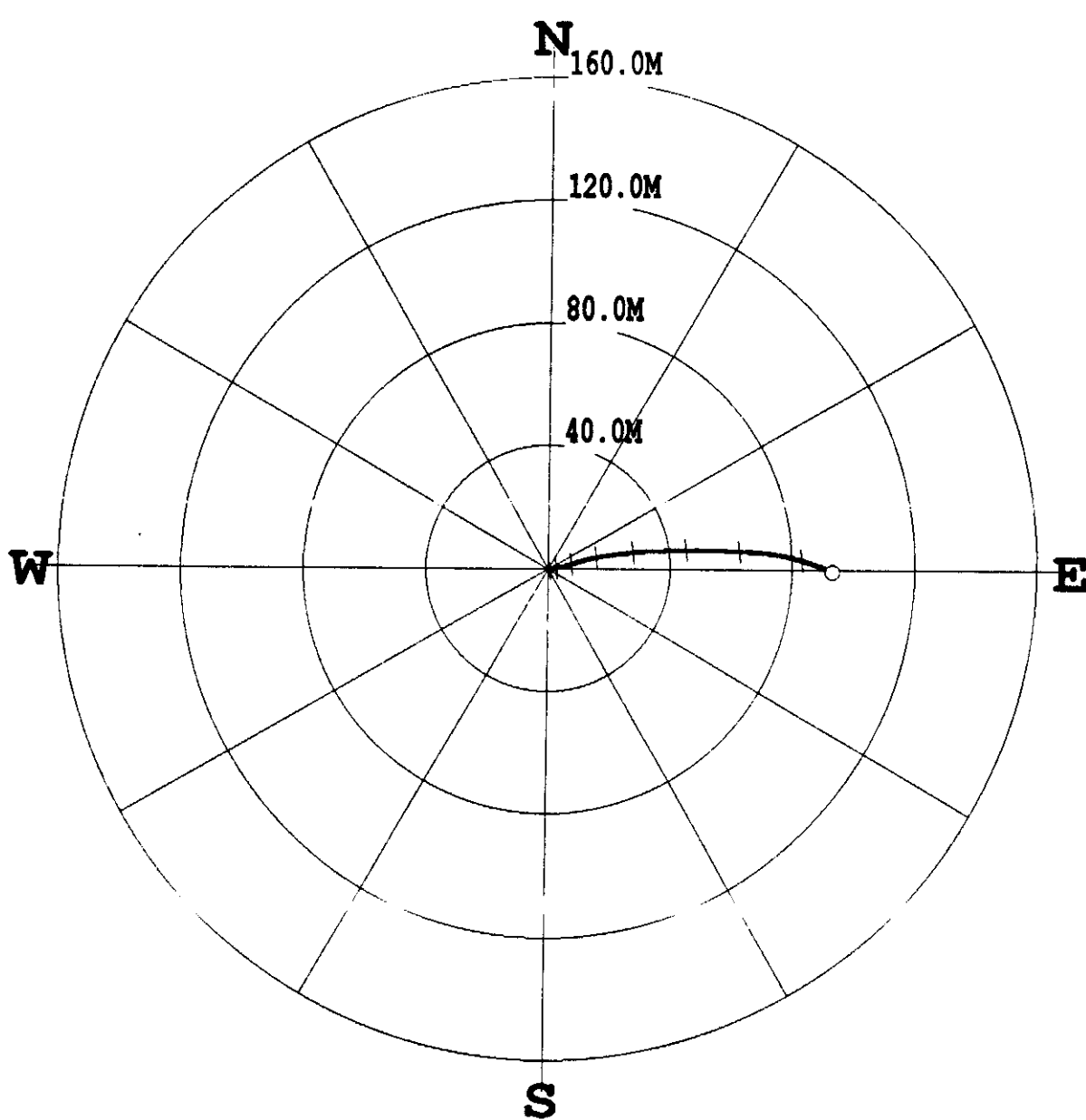
PLAN VIEW COMPU-LOG DEVIATION

73

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-43
 DATE OF LOG: 09/06/01
 PROBE: 9055A 58



SCALE: 20 M/CM
 TRUE DEPTH: 421.59 M
 AZIMUTH: 90.5
 DISTANCE: 93.1 M
 + = 50 M INCR
 O = BOTTOM OF HOLE



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

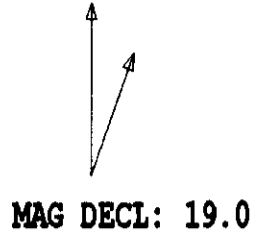
CLIENT : FORDING COAL LTD HOLE ID. : 27-43
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 09/06/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-43_09-06-01_16-36_9055A_.02_18.25_436.90_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	-0.00	0.01	0.0	114.8	0.3	104.1
30.0	29.99	-0.04	0.08	0.1	117.0	0.8	116.7
40.0	39.99	-0.08	0.20	0.2	112.4	0.9	105.9
50.0	49.99	-0.12	0.39	0.4	106.8	1.4	108.3
60.0	59.98	-0.13	0.66	0.7	101.6	2.1	95.2
70.0	69.98	-0.12	1.04	1.0	96.5	2.4	87.2
80.0	79.96	-0.06	1.50	1.5	92.3	3.0	79.6
90.0	89.95	0.02	2.00	2.0	89.3	2.9	78.0
100.0	99.93	0.11	2.58	2.6	87.5	3.7	85.5
110.0	109.91	0.23	3.32	3.3	86.0	4.2	79.6
120.0	119.86	0.41	4.21	4.2	84.4	5.8	83.0
130.0	129.81	0.65	5.24	5.3	83.0	6.2	77.7
140.0	139.74	0.98	6.37	6.4	81.2	7.1	66.6
150.0	149.64	1.45	7.67	7.8	79.3	8.5	71.9
160.0	159.52	1.94	9.09	9.3	78.0	8.6	71.2
170.0	169.40	2.40	10.57	10.8	77.2	9.0	72.4
180.0	179.27	2.86	12.12	12.5	76.7	9.6	74.6
190.0	189.12	3.27	13.78	14.2	76.6	10.0	77.3
200.0	198.96	3.64	15.52	15.9	76.8	10.9	79.4
210.0	208.77	4.00	17.43	17.9	77.1	11.0	80.8
220.0	218.55	4.30	19.47	19.9	77.6	12.8	81.3
230.0	228.28	4.61	21.75	22.2	78.0	14.0	84.0
240.0	237.95	4.93	24.27	24.8	78.5	15.4	83.3
250.0	247.56	5.27	27.04	27.5	79.0	16.8	83.8
260.0	257.09	5.59	30.03	30.5	79.5	18.1	84.1
270.0	266.58	5.81	33.19	33.7	80.1	18.6	87.6
280.0	276.03	5.93	36.44	36.9	80.8	19.4	88.5
290.0	285.47	6.04	39.76	40.2	81.4	19.2	89.8
300.0	294.89	6.09	43.10	43.5	82.0	19.5	89.0
310.0	304.31	6.18	46.35	46.8	82.4	19.4	90.6
320.0	313.73	6.23	49.57	50.0	82.8	19.4	90.6
330.0	323.16	6.14	52.90	53.3	83.4	19.4	91.3
340.0	332.59	6.06	56.23	56.6	83.9	19.8	91.1
350.0	342.01	5.93	59.59	59.9	84.3	19.5	91.4
360.0	351.39	5.86	63.04	63.3	84.7	20.4	91.4
370.0	360.74	5.65	66.54	66.8	85.1	19.7	112.7
380.0	370.03	5.37	70.12	70.3	85.6	21.9	95.0
390.0	379.27	4.96	73.90	74.1	86.2	21.7	102.9
400.0	388.45	4.34	77.81	77.9	86.8	23.9	99.9
410.0	397.55	3.33	81.83	81.9	87.7	25.2	104.2
420.0	406.56	2.07	85.98	86.0	88.6	26.4	106.0
430.0	415.48	0.49	90.21	90.2	89.7	27.5	112.1
436.9	421.56	-0.80	93.10	93.1	90.5	27.7	114.3

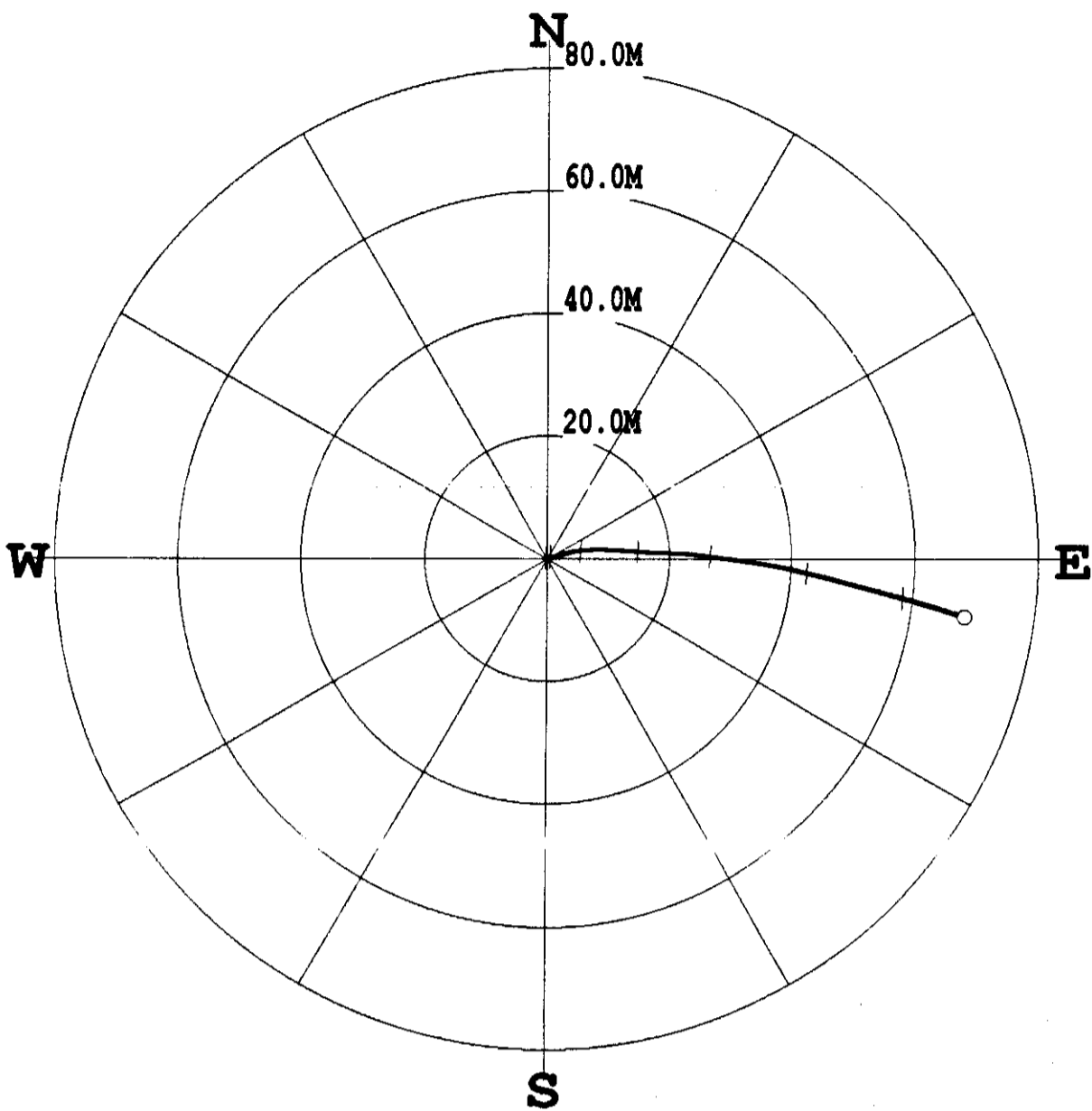
#873

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-44
 DATE OF LOG: 09/12/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 382.40 M
 AZIMUTH: 98.0
 DISTANCE: 68.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

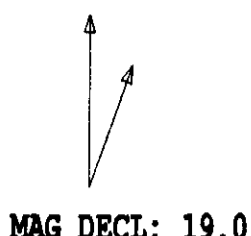
CLIENT : FORDING COAL LTD HOLE ID. : 27-44
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 09/12/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-44_09-12-01_17-14_9055A_.02_19.04_391.71_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.00	-0.01	0.0	276.2	0.4	278.2
30.0	30.00	0.02	-0.08	0.1	284.6	0.3	292.5
40.0	40.00	0.07	-0.12	0.1	298.7	0.3	302.0
50.0	50.00	0.12	-0.14	0.2	311.0	0.3	314.3
60.0	60.00	0.16	-0.14	0.2	318.7	0.0	342.1
70.0	70.00	0.21	-0.10	0.2	334.4	0.4	60.2
80.0	80.00	0.26	0.00	0.3	0.1	0.8	79.0
90.0	90.00	0.29	0.20	0.4	35.0	1.4	87.1
100.0	99.99	0.27	0.51	0.6	62.0	1.4	94.7
110.0	109.98	0.30	0.97	1.0	73.0	3.5	83.0
120.0	119.95	0.45	1.76	1.8	75.7	5.5	77.1
130.0	129.89	0.74	2.81	2.9	75.2	6.8	75.2
140.0	139.80	1.10	4.04	4.2	74.8	7.9	75.0
150.0	149.70	1.32	5.41	5.6	76.3	8.8	82.7
160.0	159.58	1.43	6.94	7.1	78.3	9.1	87.8
170.0	169.44	1.48	8.62	8.7	80.2	10.1	89.1
180.0	179.27	1.40	10.48	10.6	82.4	11.0	92.8
190.0	189.07	1.31	12.42	12.5	84.0	11.8	93.1
200.0	198.86	1.17	14.45	14.5	85.4	11.8	93.8
210.0	208.64	1.02	16.52	16.6	86.5	12.2	94.6
220.0	218.41	0.93	18.65	18.7	87.2	12.3	88.9
230.0	228.16	0.85	20.88	20.9	87.7	13.3	92.0
240.0	237.87	0.70	23.28	23.3	88.3	14.5	95.5
250.0	247.52	0.41	25.88	25.9	89.1	15.7	94.7
260.0	257.12	0.03	28.65	28.7	89.9	16.8	97.8
270.0	266.66	-0.36	31.63	31.6	90.7	17.9	97.7
280.0	276.17	-0.78	34.69	34.7	91.3	18.6	97.9
290.0	285.66	-1.31	37.80	37.8	92.0	18.5	100.8
300.0	295.15	-1.97	40.87	40.9	92.8	18.2	105.4
310.0	304.66	-2.70	43.87	44.0	93.5	18.3	100.2
320.0	314.16	-3.47	46.89	47.0	94.2	18.0	105.4
330.0	323.67	-4.27	49.88	50.1	94.9	17.9	106.4
340.0	333.19	-5.07	52.83	53.1	95.5	17.6	105.8
350.0	342.73	-5.85	55.73	56.0	96.0	17.4	104.5
360.0	352.27	-6.66	58.62	59.0	96.5	17.7	104.2
370.0	361.79	-7.50	61.57	62.0	96.9	18.0	106.9
380.0	371.28	-8.40	64.57	65.1	97.4	18.4	106.8
390.0	380.77	-9.35	67.58	68.2	97.9	18.7	108.8
391.7	382.36	-9.51	68.09	68.8	98.0	18.8	107.5

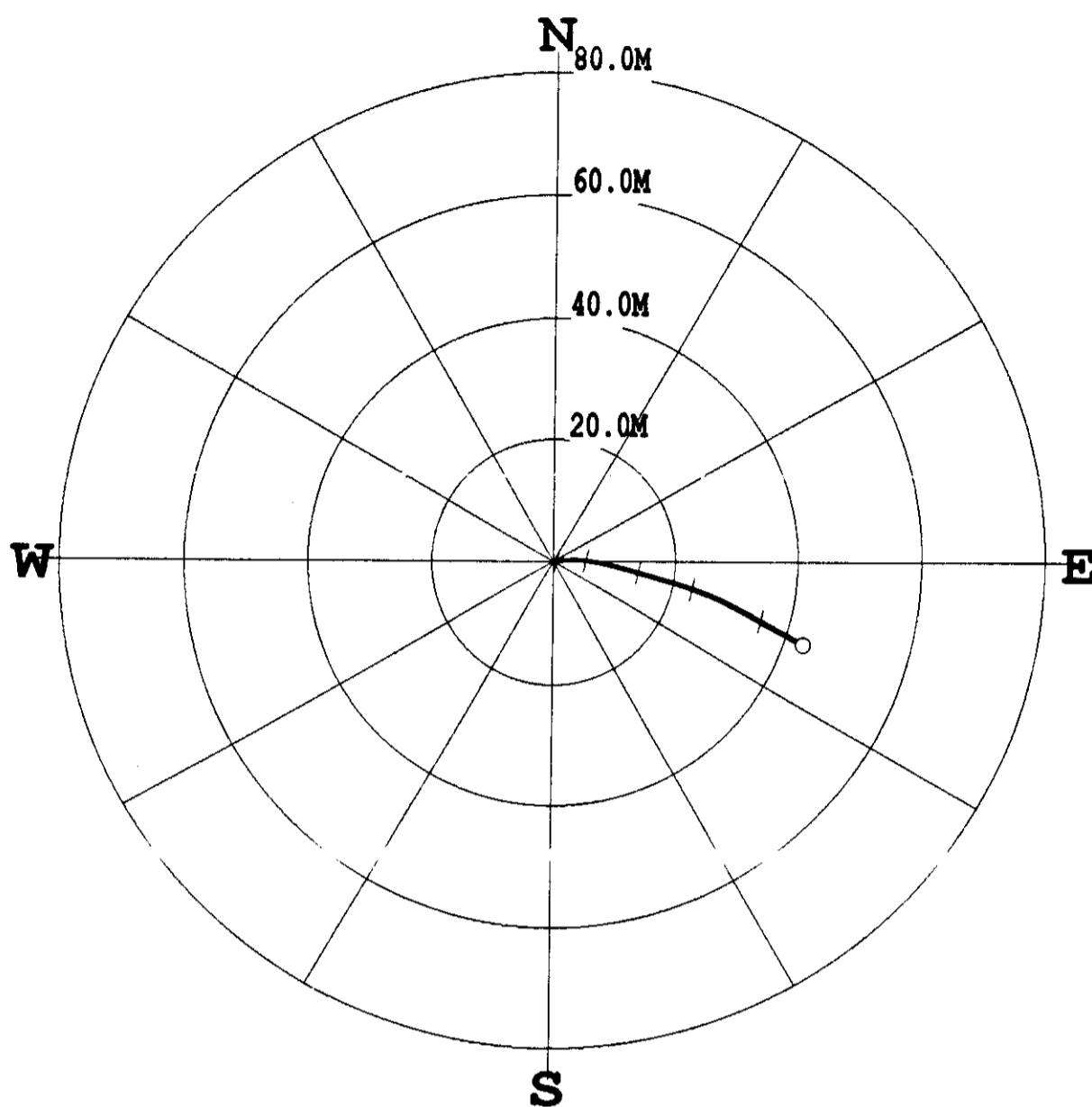
#873

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
LOCATION: Fording River
HOLE ID: 27-46
DATE OF LOG: 09/17/01
PROBE: 9055A 58



SCALE: 10 M/CM
TRUE DEPTH: 276.66 M
AZIMUTH: 108.3
DISTANCE: 43.0 M
+ = 50 M INCR
○ = BOTTOM OF HOLE



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

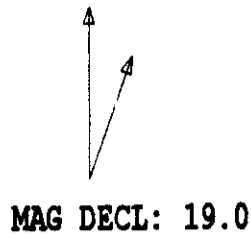
CLIENT	: FORDING COAL LTD	HOLE ID.	: 27-46
FIELD OFFICE	: TULSA, OK.	DATE OF LOG	: 09/17/01
DATA FROM	:	PROBE	: 9055A , 58
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG: 27-46_09-17-01_13-25_9055A_.02_18.53_281.21_DEVI.log			

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	-0.00	0.00	0.0	111.1	0.1	128.0
30.0	29.99	-0.02	0.07	0.1	102.5	0.8	102.0
40.0	39.99	-0.03	0.27	0.3	95.9	1.6	94.4
50.0	49.98	-0.01	0.62	0.6	91.2	2.6	92.6
60.0	59.96	0.04	1.18	1.2	88.0	3.8	83.5
70.0	69.93	0.10	1.96	2.0	87.2	5.1	89.1
80.0	79.89	0.16	2.92	2.9	86.8	5.9	90.4
90.0	89.83	0.16	4.01	4.0	87.6	7.0	97.4
100.0	99.74	0.04	5.29	5.3	89.5	8.5	93.4
110.0	109.62	-0.17	6.81	6.8	91.4	9.1	98.9
120.0	119.49	-0.49	8.43	8.4	93.3	9.8	101.4
130.0	129.34	-0.89	10.07	10.1	95.0	10.2	104.4
140.0	139.18	-1.36	11.79	11.9	96.6	10.7	115.5
150.0	149.00	-1.86	13.58	13.7	97.8	10.6	106.6
160.0	158.83	-2.35	15.35	15.5	98.7	10.4	106.4
170.0	168.67	-2.86	17.09	17.3	99.5	10.4	106.2
180.0	178.51	-3.35	18.81	19.1	100.1	10.1	105.6
190.0	188.34	-3.85	20.53	20.9	100.6	10.8	105.3
200.0	198.16	-4.43	22.34	22.8	101.2	11.4	108.0
210.0	207.95	-5.10	24.28	24.8	101.9	12.6	109.7
220.0	217.70	-5.90	26.33	27.0	102.6	13.0	113.2
230.0	227.42	-6.87	28.47	29.3	103.6	14.3	117.4
240.0	237.09	-8.02	30.75	31.8	104.6	15.3	116.7
250.0	246.72	-9.28	33.11	34.4	105.7	15.7	117.7
260.0	256.34	-10.58	35.53	37.1	106.6	16.3	118.8
270.0	265.94	-11.91	37.99	39.8	107.4	16.5	118.9
280.0	275.51	-13.30	40.54	42.7	108.2	17.4	118.8
281.2	276.62	-13.47	40.84	43.0	108.2	17.4	118.3

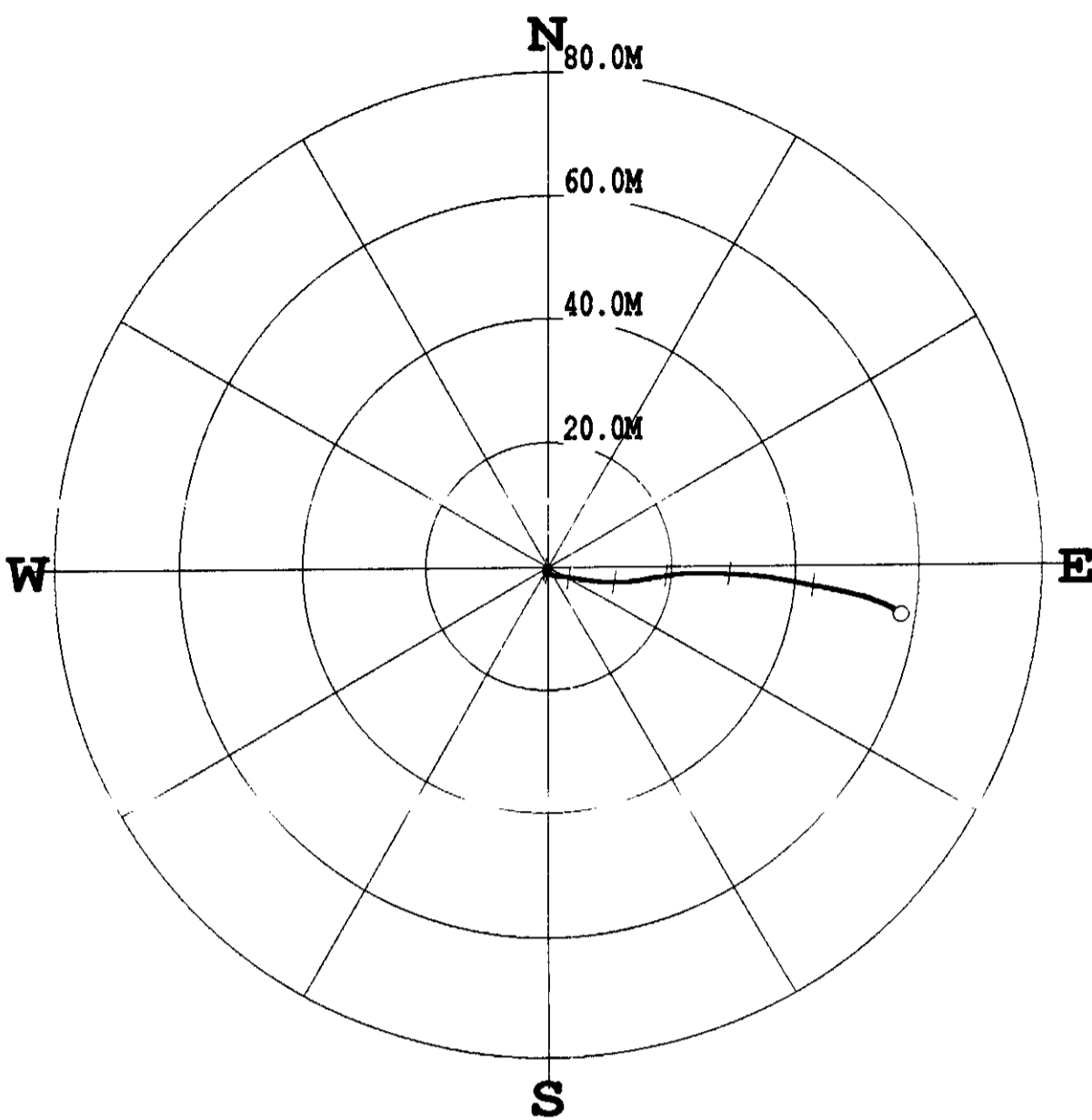
#873

**PLAN VIEW
COMPU-LOG DEVIATION**

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-47
 DATE OF LOG: 09/09/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 392.75 M
 AZIMUTH: 98.1
 DISTANCE: 57.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



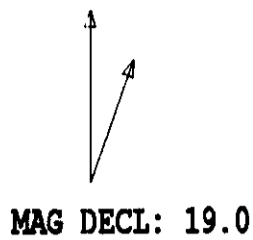
***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : FORDING COAL LTD HOLE ID. : 27-47
 FIELD OFFICE : TULSA,OK. DATE OF LOG : 09/09/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-47_09-09-01_13-33_9055A_.02_19.06_399.69_DEVI.log

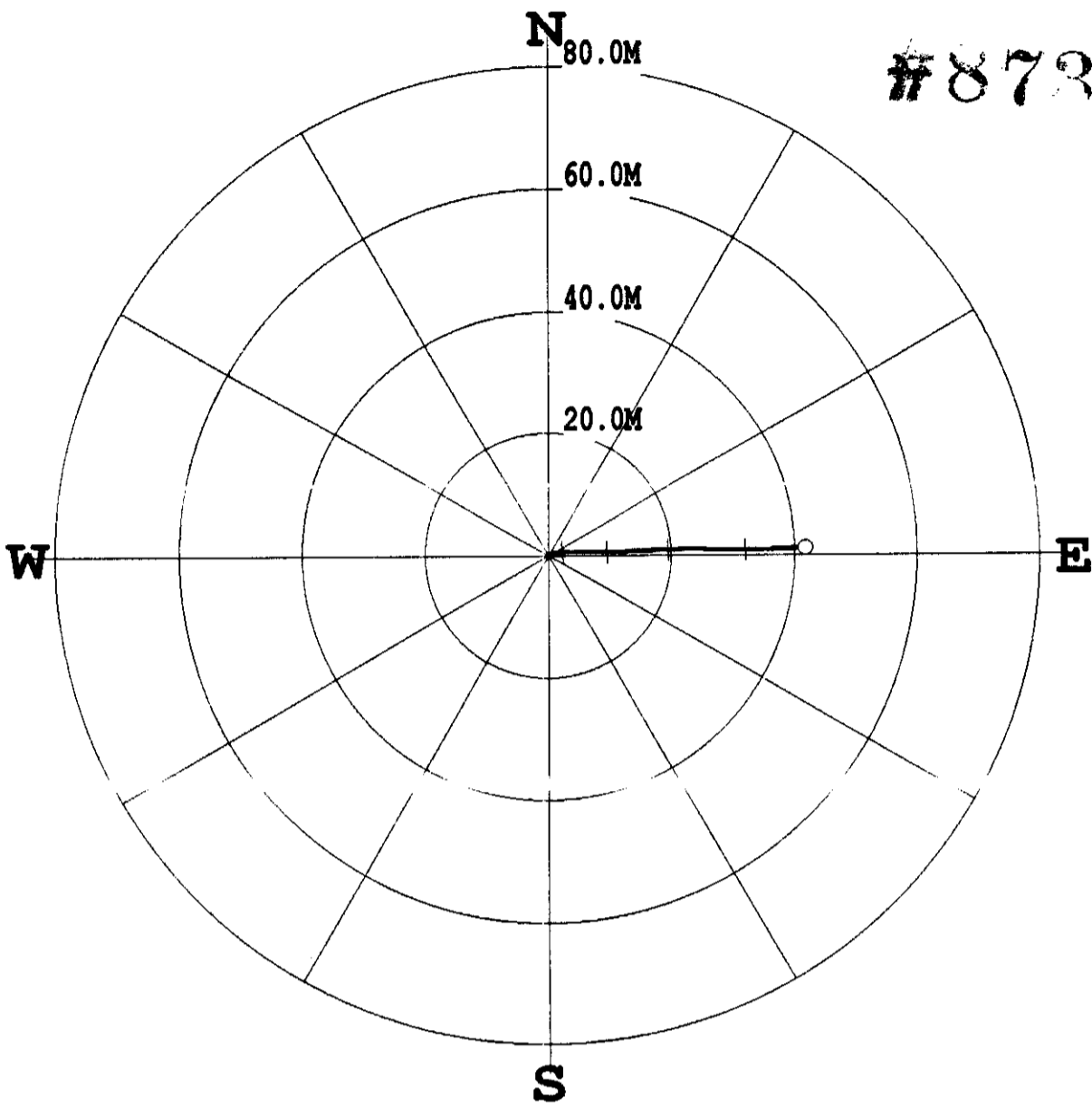
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	-0.01	-0.02	0.0	248.4	1.3	247.1
30.0	30.00	-0.09	-0.21	0.2	246.8	1.3	235.3
40.0	40.00	-0.18	-0.36	0.4	243.0	0.8	204.6
50.0	49.99	-0.31	-0.46	0.6	235.9	1.0	207.9
60.0	59.99	-0.44	-0.51	0.7	229.5	0.8	204.0
70.0	69.99	-0.57	-0.54	0.8	223.2	0.7	181.7
80.0	79.99	-0.71	-0.51	0.9	215.6	0.8	157.6
90.0	89.99	-0.85	-0.40	0.9	205.0	1.2	136.9
100.0	99.99	-0.99	-0.16	1.0	189.3	1.9	121.2
110.0	109.98	-1.16	0.20	1.2	170.1	2.7	112.2
120.0	119.96	-1.33	0.71	1.5	152.1	3.2	115.2
130.0	129.94	-1.47	1.39	2.0	136.5	4.4	98.3
140.0	139.90	-1.60	2.23	2.7	125.7	5.6	96.1
150.0	149.84	-1.75	3.32	3.8	117.7	6.8	99.4
160.0	159.75	-1.98	4.62	5.0	113.1	7.9	98.7
170.0	169.65	-2.20	6.06	6.4	109.9	8.7	99.7
180.0	179.53	-2.40	7.53	7.9	107.7	8.4	98.4
190.0	189.43	-2.54	8.98	9.3	105.8	8.2	96.4
200.0	199.31	-2.60	10.48	10.8	104.0	8.9	91.3
210.0	209.19	-2.60	12.04	12.3	102.2	9.2	92.3
220.0	219.06	-2.46	13.65	13.9	100.2	9.4	82.8
230.0	228.92	-2.23	15.30	15.5	98.3	9.8	82.5
240.0	238.77	-1.95	16.98	17.1	96.6	9.9	81.5
250.0	248.61	-1.68	18.77	18.8	95.1	10.7	81.6
260.0	258.43	-1.43	20.64	20.7	94.0	10.8	84.9
270.0	268.24	-1.29	22.54	22.6	93.3	10.8	87.1
280.0	278.06	-1.23	24.45	24.5	92.9	11.4	89.3
290.0	287.85	-1.27	26.48	26.5	92.7	12.0	90.8
300.0	297.61	-1.35	28.67	28.7	92.7	13.3	92.9
310.0	307.32	-1.50	31.04	31.1	92.8	14.1	91.5
320.0	317.01	-1.72	33.51	33.6	92.9	14.6	95.8
330.0	326.67	-2.06	36.08	36.1	93.3	15.6	100.1
340.0	336.28	-2.56	38.78	38.9	93.8	16.4	103.3
350.0	345.87	-3.12	41.56	41.7	94.3	16.9	100.9
360.0	355.42	-3.71	44.47	44.6	94.8	17.8	104.6
370.0	364.93	-4.38	47.47	47.7	95.3	18.5	102.9
380.0	374.37	-5.17	50.66	50.9	95.8	19.6	110.1
390.0	383.74	-6.37	53.94	54.3	96.7	20.8	115.6
399.7	392.71	-8.08	57.04	57.6	98.1	23.1	115.9

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-48
 DATE OF LOG: 09/11/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 232.61
 AZIMUTH: 88.5
 DISTANCE: 41.7 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

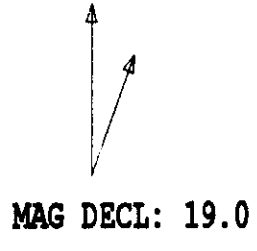
CLIENT : FORDING COAL LTD	HOLE ID. : 27-48
FIELD OFFICE : TULSA,OK.	DATE OF LOG : 09/11/01
DATA FROM :	PROBE : 9055A , 58
MAG. DECL. : 19.000	DEPTH UNITS : METERS
LOG: 27-48_09-11-01_16-05_9055A_.02_18.11_237.25_DEVI.log	

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	0.03	0.04	0.1	50.6	1.8	62.8
30.0	29.97	0.24	0.51	0.6	64.8	3.6	83.7
40.0	39.95	0.40	1.26	1.3	72.5	4.8	78.7
50.0	49.90	0.47	2.24	2.3	78.1	6.4	85.1
60.0	59.82	0.53	3.47	3.5	81.3	7.6	87.8
70.0	69.73	0.55	4.80	4.8	83.4	7.7	90.6
80.0	79.63	0.52	6.22	6.2	85.3	8.5	88.8
90.0	89.51	0.50	7.75	7.8	86.3	9.0	90.0
100.0	99.38	0.52	9.37	9.4	86.8	9.5	91.2
110.0	109.23	0.56	11.07	11.1	87.1	10.4	88.1
120.0	119.06	0.62	12.91	12.9	87.3	10.9	88.0
130.0	128.87	0.69	14.83	14.8	87.3	11.6	87.1
140.0	138.67	0.74	16.86	16.9	87.5	12.2	86.8
150.0	148.43	0.80	19.04	19.1	87.6	13.1	88.4
160.0	158.15	0.89	21.36	21.4	87.6	13.6	88.3
170.0	167.86	0.91	23.76	23.8	87.8	14.2	90.1
180.0	177.56	0.88	26.20	26.2	88.1	14.2	90.5
190.0	187.25	0.81	28.66	28.7	88.4	14.7	92.9
200.0	196.93	0.76	31.16	31.2	88.6	14.8	89.5
210.0	206.59	0.78	33.73	33.7	88.7	15.7	87.4
220.0	216.20	0.89	36.49	36.5	88.6	16.6	86.2
230.0	225.75	1.04	39.47	39.5	88.5	17.8	88.1
237.3	232.61	1.13	41.70	41.7	88.4	18.3	87.5

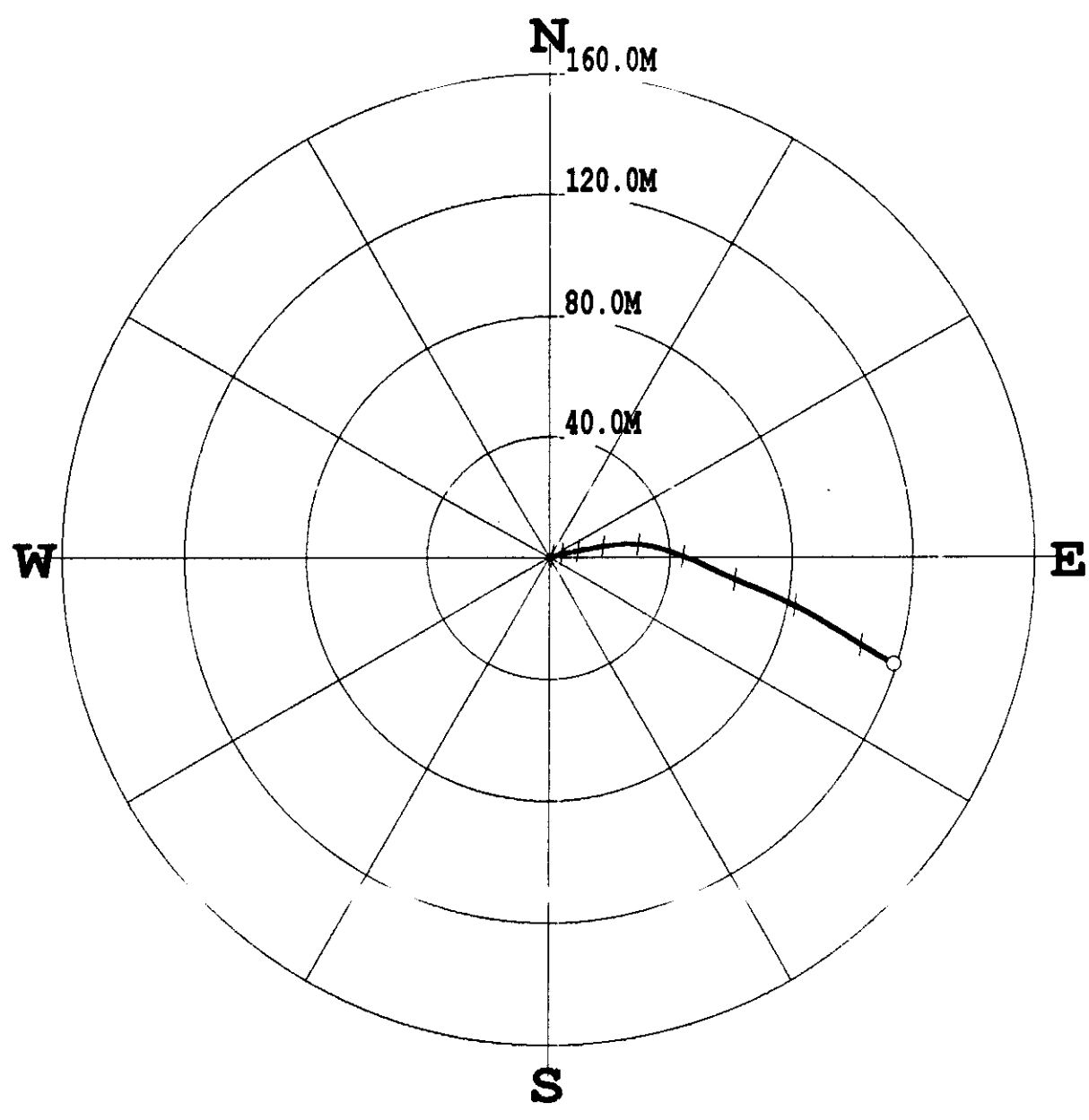
PLAN VIEW COMPU-LOG DEVIATION

#873

CLIENT: FORDING COAL LTD
 LOCATION: Fording River
 HOLE ID: 27-49
 DATE OF LOG: 09/17/01
 PROBE: 9055A 58



SCALE: 20 M/CM
 TRUE DEPTH: 473.91 M
 AZIMUTH: 107.0
 DISTANCE: 119.0 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-49
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 09/17/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-49_09-17-01_10-40_9055A_.02_21.99_495.81_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
30.0	29.99	0.09	0.17	0.2	61.9	2.0	73.8
40.0	39.98	0.22	0.53	0.6	67.2	2.3	70.0
50.0	49.97	0.33	0.93	1.0	70.2	2.8	79.7
60.0	59.96	0.42	1.42	1.5	73.5	3.3	73.8
70.0	69.94	0.52	1.96	2.0	75.2	3.6	79.1
80.0	79.92	0.63	2.57	2.6	76.2	3.8	80.2
90.0	89.90	0.78	3.26	3.4	76.6	4.3	78.8
100.0	99.86	0.94	4.06	4.2	77.0	4.8	81.1
110.0	109.83	1.10	4.90	5.0	77.4	4.8	79.7
120.0	119.78	1.28	5.81	5.9	77.5	5.7	77.6
130.0	129.73	1.47	6.79	7.0	77.8	6.5	76.4
140.0	139.66	1.71	7.96	8.1	77.9	7.1	79.9
150.0	149.57	1.96	9.26	9.5	78.1	7.8	77.5
160.0	159.47	2.25	10.67	10.9	78.1	8.4	78.8
170.0	169.35	2.54	12.20	12.5	78.2	9.5	80.4
180.0	179.21	2.84	13.83	14.1	78.4	10.0	78.9
190.0	189.05	3.15	15.56	15.9	78.6	10.2	79.9
200.0	198.88	3.45	17.38	17.7	78.8	11.3	78.7
210.0	208.68	3.75	19.36	19.7	79.0	12.0	81.4
220.0	218.44	4.03	21.50	21.9	79.4	12.8	83.4
230.0	228.19	4.26	23.74	24.1	79.8	13.5	84.3
240.0	237.90	4.34	26.11	26.5	80.6	14.0	89.5
250.0	247.58	4.24	28.62	28.9	81.6	15.0	97.9
260.0	257.21	3.96	31.28	31.5	82.8	15.6	97.0
270.0	266.81	3.43	34.04	34.2	84.2	16.5	102.7
280.0	276.38	2.71	36.84	36.9	85.8	17.1	107.9
290.0	285.92	1.81	39.69	39.7	87.4	17.5	108.2
300.0	295.44	0.76	42.60	42.6	89.0	18.4	110.1
310.0	304.90	-0.40	45.60	45.6	90.5	19.2	109.8
320.0	314.31	-1.64	48.74	48.8	91.9	20.0	118.1
330.0	323.68	-3.18	51.85	52.0	93.5	20.7	116.0
340.0	333.03	-4.66	55.07	55.3	94.8	20.8	112.5
350.0	342.37	-6.15	58.33	58.6	96.0	21.3	116.0
360.0	351.67	-7.66	61.67	62.1	97.1	21.9	113.7
370.0	360.94	-9.10	65.12	65.8	98.0	22.6	110.5
380.0	370.14	-10.55	68.76	69.6	98.7	23.2	113.4
390.0	379.32	-12.11	72.39	73.4	99.5	23.7	114.9
400.0	388.48	-13.77	76.05	77.3	100.3	23.9	114.6
410.0	397.59	-15.43	79.83	81.3	100.9	24.6	116.6
420.0	406.64	-17.28	83.63	85.4	101.7	25.6	116.1
430.0	415.66	-19.32	87.45	89.6	102.5	26.4	110.7
440.0	424.60	-21.59	91.30	93.8	103.3	27.0	118.9
450.0	433.48	-23.94	95.23	98.2	104.1	27.6	123.1
460.0	442.33	-26.32	99.24	102.7	104.9	28.2	121.9
470.0	451.17	-28.80	103.20	107.1	105.6	28.0	122.7
480.0	459.99	-31.23	107.23	111.7	106.2	28.0	121.9
490.0	468.79	-33.51	111.31	116.2	106.8	28.8	117.9
495.8	473.87	-34.77	113.74	118.9	107.0	27.8	118.4

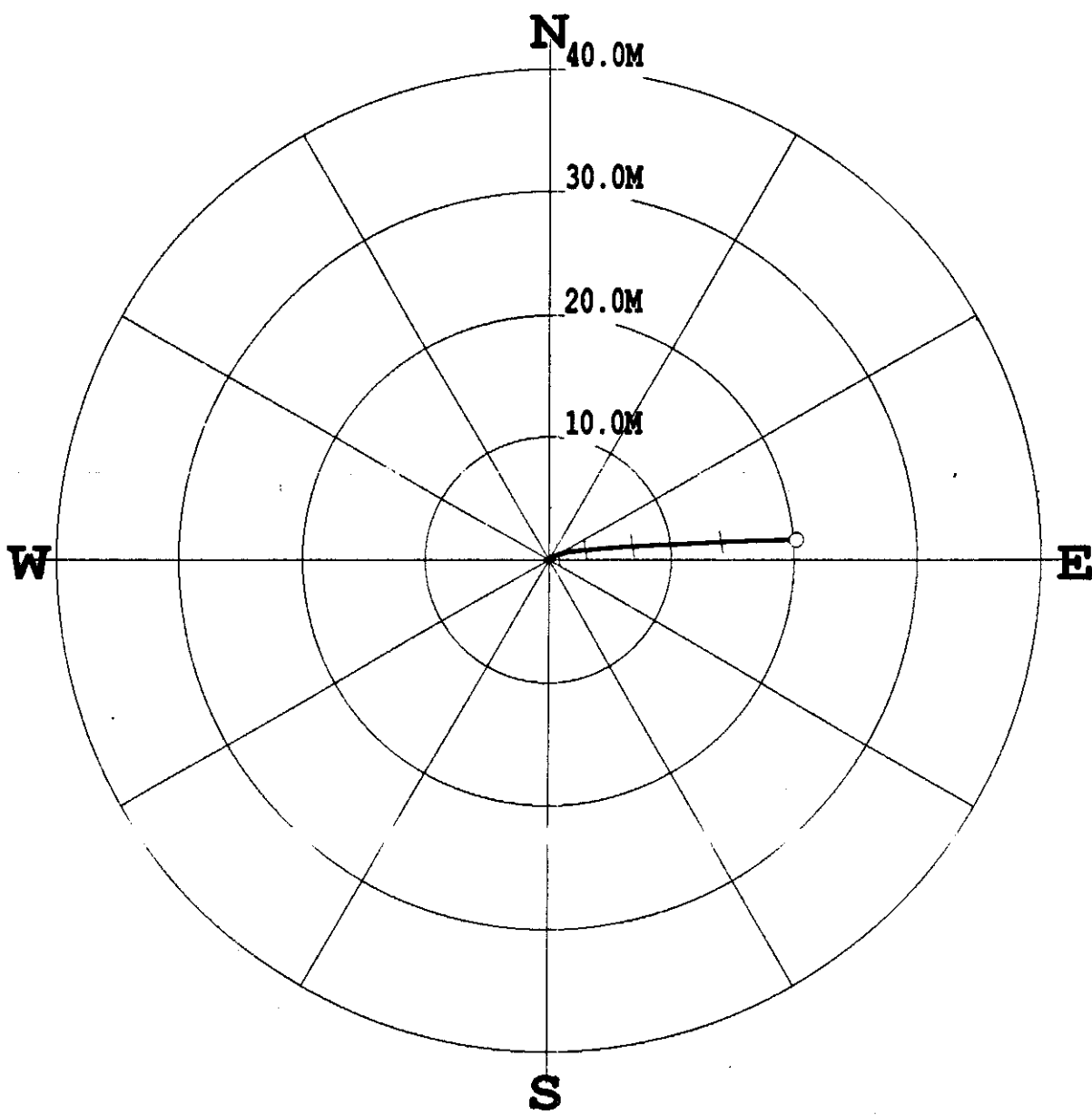
#873

PLAN VIEW
COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
LOCATION: Fording River
HOLE ID: 27-50
DATE OF LOG: 09/01/01
PROBE: 9055A 58



SCALE: 5 M/CM
TRUE DEPTH: 227.86 M
AZIMUTH: 85.5
DISTANCE: 20.2 M
+ = 50 M INCR
O = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-50
FIELD OFFICE : TULSA,OK. DATE OF LOG : 09/01/01
DATA FROM : PROBE : 9055A , 58
MAG. DECL. : 19.000 DEPTH UNITS : METERS
LOG: 27-50_09-01-01_22-25_9055A_.02_18.11_229.29_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	0.02	0.04	0.0	58.1	1.5	57.7
30.0	29.99	0.16	0.29	0.3	61.2	1.6	65.4
40.0	39.98	0.26	0.54	0.6	64.0	1.4	70.7
50.0	49.98	0.36	0.76	0.8	64.5	1.6	65.9
60.0	59.97	0.47	1.02	1.1	65.3	1.5	65.8
70.0	69.97	0.58	1.40	1.5	67.5	2.4	77.9
80.0	79.95	0.64	1.91	2.0	71.4	3.1	84.0
90.0	89.94	0.71	2.44	2.5	73.8	3.3	84.5
100.0	99.92	0.76	3.02	3.1	75.8	3.5	85.8
110.0	109.90	0.82	3.63	3.7	77.2	3.8	84.9
120.0	119.88	0.88	4.30	4.4	78.5	4.1	84.7
130.0	129.85	0.94	5.04	5.1	79.5	4.6	82.8
140.0	139.81	1.00	5.90	6.0	80.3	4.7	85.4
150.0	149.77	1.06	6.78	6.9	81.1	5.8	86.1
160.0	159.72	1.11	7.84	7.9	82.0	6.6	86.9
170.0	169.64	1.17	9.06	9.1	82.6	6.9	91.4
180.0	179.55	1.23	10.44	10.5	83.3	8.4	86.8
190.0	189.41	1.31	12.06	12.1	83.8	9.9	86.2
200.0	199.26	1.41	13.82	13.9	84.2	11.1	85.4
210.0	209.05	1.49	15.82	15.9	84.6	11.9	88.8
220.0	218.82	1.55	17.95	18.0	85.1	12.7	87.1
229.3	227.82	1.59	20.14	20.2	85.5	14.4	89.3

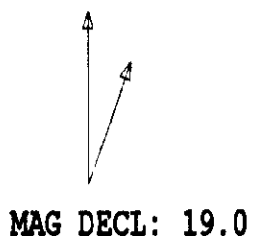
***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT : FORDING COAL LTD HOLE ID. : 27-50
FIELD OFFICE : TULSA,OK. DATE OF LOG : 09/01/01
DATA FROM : PROBE : 9055A , 58
MAG. DECL. : 19.000 DEPTH UNITS : METERS
LOG: 27-50_09-01-01_22-25_9055A_.02_18.11_229.29_DEVI.log

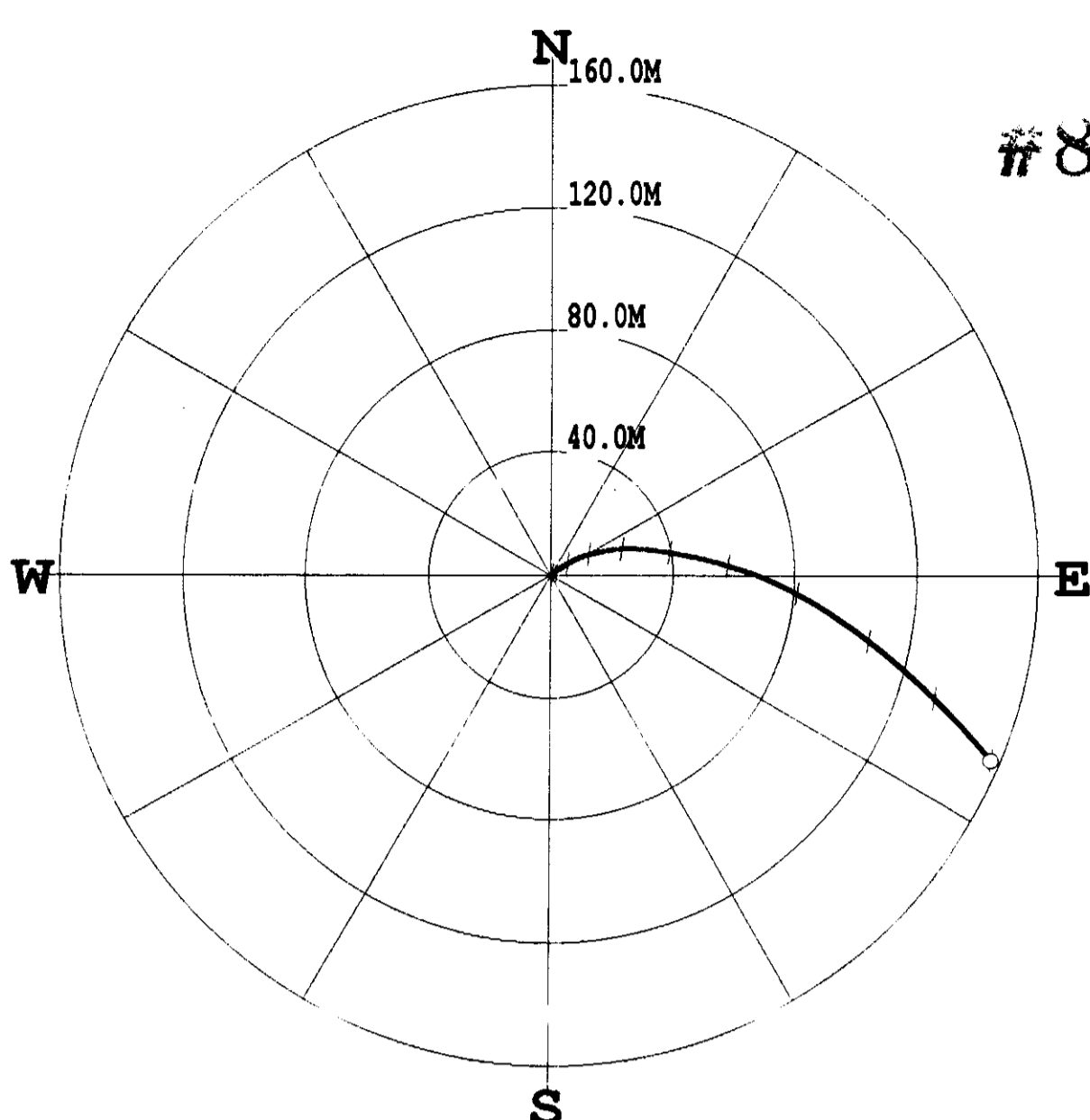
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	0.02	0.04	0.0	58.1	1.5	57.7
30.0	29.99	0.16	0.29	0.3	61.2	1.6	65.4
40.0	39.98	0.26	0.54	0.6	64.0	1.4	70.7
50.0	49.98	0.36	0.76	0.8	64.5	1.6	65.9
60.0	59.97	0.47	1.02	1.1	65.3	1.5	65.8
70.0	69.97	0.58	1.40	1.5	67.5	2.4	77.9
80.0	79.95	0.64	1.91	2.0	71.4	3.1	84.0
90.0	89.94	0.71	2.44	2.5	73.8	3.3	84.5
100.0	99.92	0.76	3.02	3.1	75.8	3.5	85.8
110.0	109.90	0.82	3.63	3.7	77.2	3.8	84.9
120.0	119.88	0.88	4.30	4.4	78.5	4.1	84.7
130.0	129.85	0.94	5.04	5.1	79.5	4.6	82.8
140.0	139.81	1.00	5.90	6.0	80.3	4.7	85.4
150.0	149.77	1.06	6.78	6.9	81.1	5.8	86.1
160.0	159.72	1.11	7.84	7.9	82.0	6.6	86.9
170.0	169.64	1.17	9.06	9.1	82.6	6.9	91.4
180.0	179.55	1.23	10.44	10.5	83.3	8.4	86.8
190.0	189.41	1.31	12.06	12.1	83.8	9.9	86.2
200.0	199.26	1.41	13.82	13.9	84.2	11.1	85.4
210.0	209.05	1.49	15.82	15.9	84.6	11.9	88.8
220.0	218.82	1.55	17.95	18.0	85.1	12.7	87.1
229.3	227.82	1.59	20.14	20.2	85.5	14.4	89.3

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: CHAUNCEY
 HOLE ID: 27-72
 DATE OF LOG: 10/31/01
 PROBE: 9055A 58



SCALE: 20 M/CM
 TRUE DEPTH: 548.97 M
 AZIMUTH: 112.5
 DISTANCE: 156.8 M
 + = 50 M INCR
 O = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-72
 FIELD OFFICE : TULSA,OK. DATE OF LOG : 10/31/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-72_10-31-01_03-40_9055A_.02_19.56_585.06_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.00	0.00	0.0	65.2	0.5	72.0
30.0	30.00	0.03	0.12	0.1	73.6	1.1	63.2
40.0	40.00	0.09	0.29	0.3	71.6	1.2	81.4
50.0	49.99	0.18	0.52	0.5	70.4	1.8	56.8
60.0	59.99	0.32	0.77	0.8	67.3	1.7	60.7
70.0	69.98	0.50	1.02	1.1	63.8	1.8	49.4
80.0	79.98	0.75	1.34	1.5	60.9	2.5	53.2
90.0	89.97	1.03	1.72	2.0	59.1	2.8	51.9
100.0	99.95	1.35	2.14	2.5	57.7	3.1	51.9
110.0	109.94	1.70	2.58	3.1	56.6	4.1	69.0
120.0	119.91	2.11	3.14	3.8	56.2	4.4	52.0
130.0	129.88	2.60	3.81	4.6	55.7	5.1	54.1
140.0	139.83	3.12	4.55	5.5	55.5	5.8	52.3
150.0	149.77	3.67	5.49	6.6	56.3	6.7	63.4
160.0	159.71	4.24	6.52	7.8	57.0	7.2	60.7
170.0	169.62	4.85	7.67	9.1	57.7	7.8	65.1
180.0	179.51	5.50	9.01	10.6	58.6	9.2	69.7
190.0	189.37	6.11	10.55	12.2	59.9	9.9	70.2
200.0	199.20	6.69	12.26	14.0	61.4	10.5	76.2
210.0	209.02	7.10	14.13	15.8	63.3	11.4	77.6
220.0	218.81	7.48	16.13	17.8	65.1	11.9	78.5
230.0	228.58	7.90	18.18	19.8	66.5	12.5	77.5
240.0	238.35	8.28	20.30	21.9	67.8	12.5	82.6
250.0	248.08	8.52	22.58	24.1	69.3	14.1	85.9
260.0	257.74	8.61	25.15	26.6	71.1	15.3	90.6
270.0	267.36	8.52	27.91	29.2	73.0	16.7	92.5
280.0	276.92	8.33	30.81	31.9	74.9	17.6	95.1
290.0	286.43	8.00	33.89	34.8	76.7	18.7	96.7
300.0	295.88	7.59	37.14	37.9	78.5	19.5	99.1
310.0	305.29	7.05	40.48	41.1	80.1	20.0	100.1
320.0	314.66	6.39	43.90	44.4	81.7	20.8	101.0
330.0	324.00	5.70	47.41	47.8	83.1	21.6	100.9
340.0	333.28	4.87	51.05	51.3	84.5	22.1	104.6
350.0	342.51	3.90	54.76	54.9	85.9	23.1	106.4
360.0	351.68	2.75	58.57	58.6	87.3	24.3	106.8
370.0	360.80	1.54	62.50	62.5	88.6	24.6	105.8
380.0	369.86	0.23	66.52	66.5	89.8	25.5	109.2
390.0	378.85	-1.36	70.61	70.6	91.1	26.7	112.8
400.0	387.74	-3.23	74.78	74.9	92.5	27.4	114.3
410.0	396.57	-5.29	78.99	79.2	93.8	28.1	117.4
420.0	405.38	-7.54	83.15	83.5	95.2	28.2	117.7
430.0	414.15	-9.97	87.29	87.9	96.5	28.8	122.3
440.0	422.90	-12.57	91.38	92.2	97.8	28.8	124.0
450.0	431.64	-15.29	95.41	96.6	99.1	29.5	124.5
460.0	440.33	-18.11	99.48	101.1	100.3	29.8	122.2
470.0	448.98	-21.08	103.51	105.6	101.5	30.1	127.8
480.0	457.60	-24.17	107.53	110.2	102.7	30.5	128.3
490.0	466.23	-27.31	111.48	114.8	103.8	30.1	129.4
500.0	474.90	-30.48	115.34	119.3	104.8	29.7	130.1
510.0	483.63	-33.64	119.06	123.7	105.8	28.9	130.8
520.0	492.37	-36.84	122.71	128.1	106.7	29.0	132.4

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

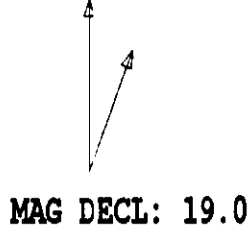
CLIENT : FORDING COAL LTD HOLE ID. : 27-72
 FIELD OFFICE : TULSA,OK. DATE OF LOG : 10/31/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-72_10-31-01_03-40_9055A_.02_19.56_585.06_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
530.0	501.10	-40.14	126.30	132.5	107.6	29.4	134.6
540.0	509.78	-43.58	129.88	137.0	108.6	29.9	134.6
550.0	518.45	-47.08	133.41	141.5	109.4	29.8	134.9
560.0	527.15	-50.63	136.85	145.9	110.3	29.7	136.3
570.0	535.85	-54.25	140.18	150.3	111.2	29.3	139.0
580.0	544.57	-57.99	143.35	154.6	112.0	29.6	140.0
585.1	548.93	-59.92	144.91	156.8	112.5	29.9	140.8

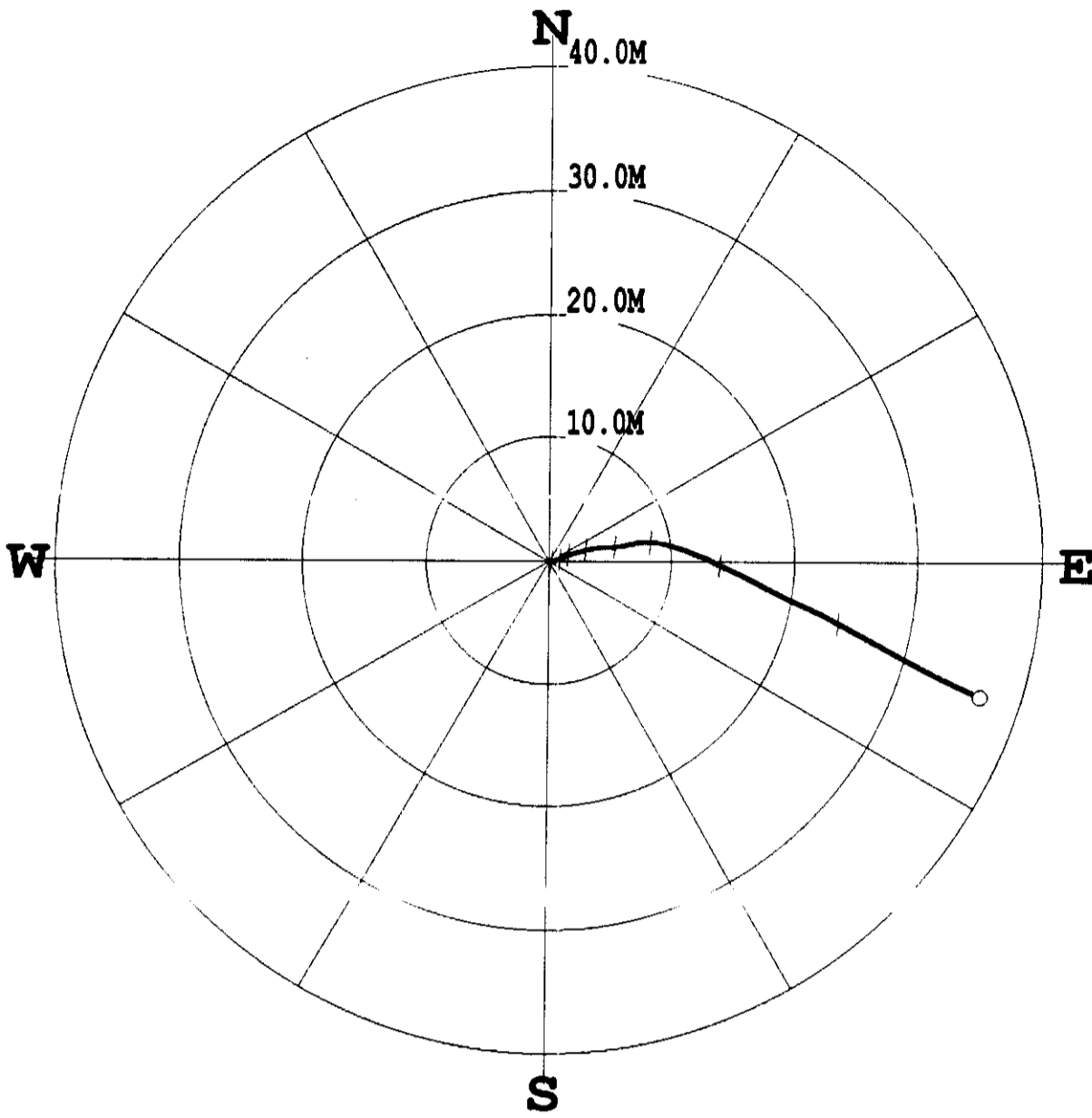
PLAN VIEW COMPU-LOG DEVIATION

#873

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 27-73
 DATE OF LOG: 10/25/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 444.01
 AZIMUTH: 107.3
 DISTANCE: 36.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-73
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 10/25/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-73_10-25-01_11-27_9055A_.02_27.16_447.61_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
30.0	30.00	-0.01	0.00	0.0	169.1	0.3	163.6
40.0	40.00	-0.04	0.05	0.1	126.8	0.5	91.9
50.0	50.00	-0.03	0.18	0.2	98.2	0.8	83.2
60.0	60.00	-0.00	0.33	0.3	90.4	0.9	80.7
70.0	70.00	0.02	0.50	0.5	87.7	0.9	84.5
80.0	80.00	0.04	0.63	0.6	86.2	0.5	78.1
90.0	89.99	0.08	0.75	0.8	83.6	0.5	12.5
100.0	99.99	0.13	0.86	0.9	81.6	0.6	59.0
110.0	109.99	0.17	0.96	1.0	79.7	0.7	57.1
120.0	119.99	0.24	1.06	1.1	77.1	0.7	52.8
130.0	129.99	0.32	1.20	1.2	75.0	1.0	63.6
140.0	139.99	0.39	1.35	1.4	73.7	1.1	60.7
150.0	149.99	0.48	1.54	1.6	72.6	1.4	74.3
160.0	159.98	0.57	1.79	1.9	72.4	1.2	81.2
170.0	169.98	0.64	2.04	2.1	72.6	1.9	71.8
180.0	179.98	0.71	2.32	2.4	73.1	1.7	83.6
190.0	189.97	0.80	2.62	2.7	73.1	1.7	73.3
200.0	199.97	0.89	2.95	3.1	73.2	2.0	74.0
210.0	209.96	0.97	3.32	3.5	73.7	2.2	78.5
220.0	219.95	1.04	3.75	3.9	74.5	2.6	79.2
230.0	229.94	1.09	4.20	4.3	75.4	3.0	90.4
240.0	239.92	1.11	4.73	4.9	76.8	3.0	94.4
250.0	249.91	1.14	5.28	5.4	77.8	3.0	87.2
260.0	259.89	1.20	5.82	5.9	78.3	2.9	71.9
270.0	269.88	1.32	6.38	6.5	78.3	3.1	77.8
280.0	279.86	1.44	6.90	7.0	78.2	3.1	77.9
290.0	289.85	1.53	7.47	7.6	78.5	3.7	82.8
300.0	299.82	1.53	8.20	8.3	79.4	4.5	97.9
310.0	309.78	1.44	9.08	9.2	81.0	5.9	99.3
320.0	319.72	1.19	10.15	10.2	83.3	6.8	99.7
330.0	329.64	0.82	11.30	11.3	85.9	7.2	110.7
340.0	339.55	0.32	12.52	12.5	88.5	8.1	110.8
350.0	349.44	-0.31	13.84	13.8	91.3	8.9	114.1
360.0	359.29	-1.02	15.40	15.4	93.8	10.6	116.8
370.0	369.10	-1.90	17.15	17.3	96.3	12.0	114.8
380.0	378.86	-2.90	19.07	19.3	98.6	12.9	117.3
390.0	388.61	-3.82	21.08	21.4	100.3	13.0	116.5
400.0	398.35	-4.83	23.13	23.6	101.8	13.3	116.5
410.0	408.05	-5.97	25.28	26.0	103.3	14.5	120.8
420.0	417.68	-7.21	27.63	28.6	104.6	16.9	117.2
430.0	427.23	-8.60	30.27	31.5	105.9	17.2	118.5
440.0	436.76	-9.95	32.98	34.5	106.8	17.7	116.0
447.6	443.97	-10.92	35.09	36.8	107.3	18.0	114.3

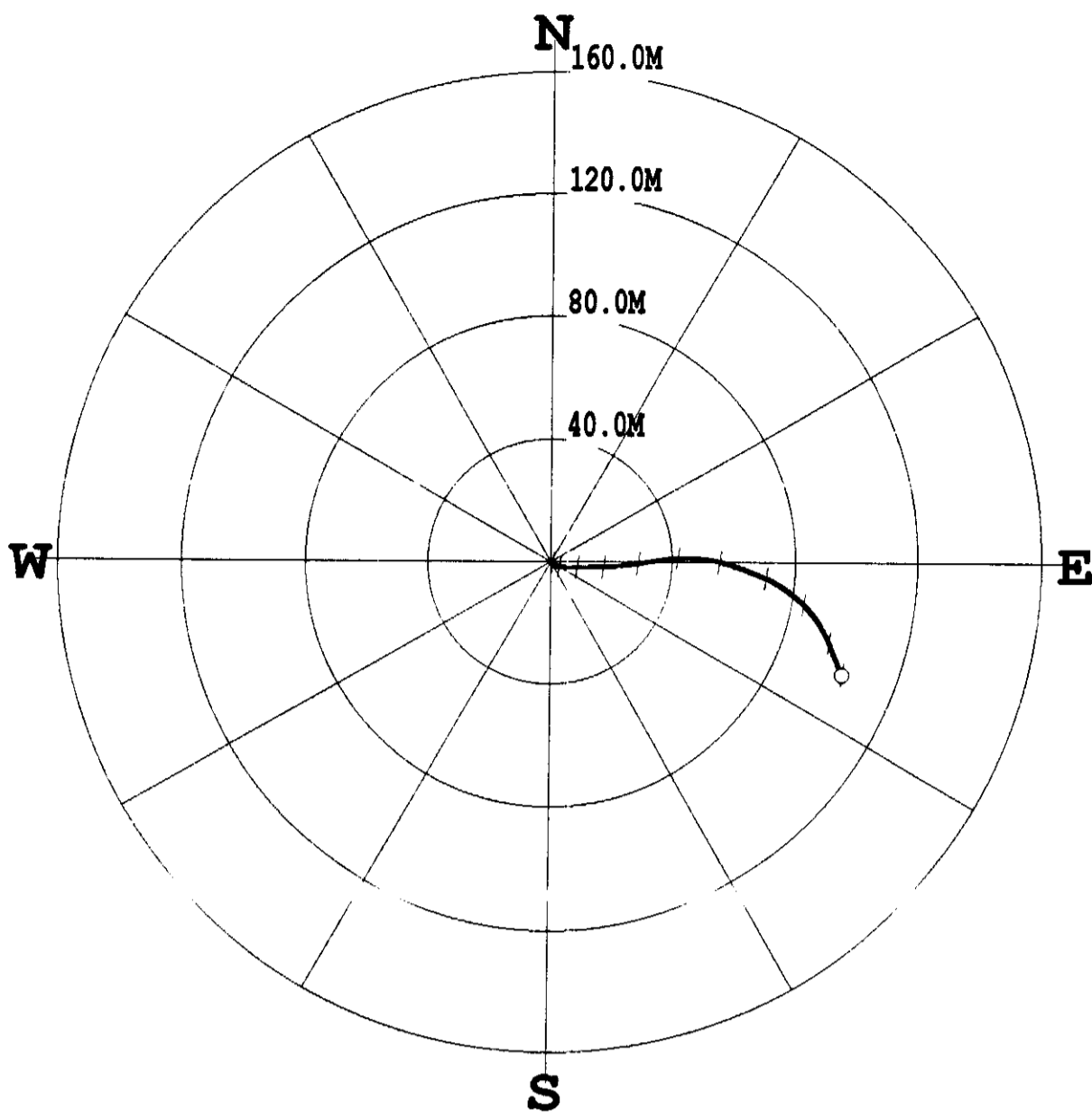
#873

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
LOCATION: Fording River
HOLE ID: 27-74
DATE OF LOG: 10/16/01
PROBE: 9055A 58



SCALE: 20 M/CM
TRUE DEPTH: 538.90 M
AZIMUTH: 111.1
DISTANCE: 102.1 M
+ = 50 M INCR
○ = BOTTOM OF HOLE



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

CLIENT	: FORDING COAL LTD	HOLE ID.	: 27-74
FIELD OFFICE	: TULSA,OK.	DATE OF LOG	: 10/16/01
DATA FROM	:	PROBE	: 9055A , 58
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG:	27-74_10-16-01_13-15_9055A_.02_19.34_553.60_DEVI.log		

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	-0.02	0.01	0.0	159.1	1.2	160.1
30.0	30.00	-0.28	0.15	0.3	152.1	1.6	150.3
40.0	39.99	-0.53	0.33	0.6	148.0	1.8	148.2
50.0	49.98	-0.75	0.58	0.9	142.3	2.6	146.2
60.0	59.98	-0.95	0.91	1.3	136.2	2.7	144.9
70.0	69.97	-1.15	1.29	1.7	131.8	2.6	134.2
80.0	79.96	-1.36	1.68	2.2	128.9	2.9	110.3
90.0	89.94	-1.53	2.17	2.7	125.3	2.8	117.7
100.0	99.92	-1.70	2.79	3.3	121.3	4.7	101.4
110.0	109.89	-1.81	3.62	4.0	116.6	5.2	95.7
120.0	119.83	-1.89	4.64	5.0	112.2	6.3	93.2
130.0	129.77	-1.91	5.77	6.1	108.3	7.4	89.5
140.0	139.68	-1.93	7.08	7.3	105.3	7.8	90.5
150.0	149.58	-1.95	8.50	8.7	102.9	8.5	89.9
160.0	159.45	-1.93	10.05	10.2	100.9	9.4	89.3
170.0	169.32	-1.91	11.68	11.8	99.3	9.6	87.8
180.0	179.17	-1.86	13.40	13.5	97.9	10.2	88.2
190.0	189.00	-1.82	15.14	15.3	96.9	10.5	88.0
200.0	198.83	-1.79	17.01	17.1	96.0	11.4	91.2
210.0	208.63	-1.73	18.97	19.1	95.2	11.7	88.7
220.0	218.41	-1.59	20.98	21.0	94.3	12.2	85.6
230.0	228.17	-1.39	23.19	23.2	93.4	13.2	84.1
240.0	237.88	-1.10	25.55	25.6	92.5	14.2	83.0
250.0	247.56	-0.77	28.04	28.0	91.6	15.0	78.8
260.0	257.21	-0.37	30.62	30.6	90.7	15.5	81.2
270.0	266.86	0.03	33.20	33.2	89.9	15.1	80.7
280.0	276.52	0.44	35.76	35.8	89.3	15.1	82.8
290.0	286.20	0.79	38.20	38.2	88.8	14.4	82.1
300.0	295.88	1.04	40.69	40.7	88.5	14.5	85.4
310.0	305.55	1.09	43.22	43.2	88.6	14.6	92.0
320.0	315.21	1.06	45.81	45.8	88.7	15.1	89.6
330.0	324.87	0.95	48.41	48.4	88.9	15.2	91.9
340.0	334.49	0.69	51.10	51.1	89.2	15.5	97.4
350.0	344.12	0.25	53.79	53.8	89.7	15.9	103.3
360.0	353.72	-0.38	56.50	56.5	90.4	16.5	105.4
370.0	363.26	-1.14	59.15	59.2	91.1	18.1	106.2
380.0	372.77	-2.11	62.09	62.1	91.9	18.2	109.0
390.0	382.26	-3.21	65.05	65.1	92.8	18.4	111.4
400.0	391.75	-4.34	68.00	68.1	93.7	18.0	111.6
410.0	401.28	-5.52	70.79	71.0	94.5	17.6	116.8
420.0	410.84	-6.82	73.40	73.7	95.3	16.7	118.9
430.0	420.42	-8.33	75.84	76.3	96.3	16.3	124.6
440.0	430.01	-9.98	78.15	78.8	97.3	16.7	126.8
450.0	439.60	-11.74	80.36	81.2	98.3	16.5	129.6
460.0	449.19	-13.62	82.49	83.6	99.4	16.7	133.7
470.0	458.76	-15.71	84.51	86.0	100.5	17.0	139.8
480.0	468.33	-17.95	86.35	88.2	101.7	16.7	143.8
490.0	477.91	-20.30	87.95	90.3	103.0	16.2	147.2
500.0	487.51	-22.73	89.38	92.2	104.3	16.5	147.1
510.0	497.08	-25.30	90.66	94.1	105.6	16.9	153.4
520.0	506.66	-27.97	91.75	95.9	107.0	16.9	161.3

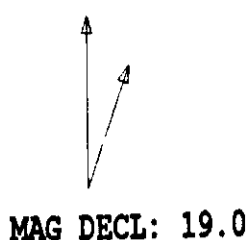
***** COMPU-LOG - VERTICAL DEVIATION *****

CLIENT	: FORDING COAL LTD	HOLE ID.	: 27-74
FIELD OFFICE	: TULSA,OK.	DATE OF LOG	: 10/16/01
DATA FROM	:	PROBE	: 9055A , 58
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG:	27-74_10-16-01_13-15_9055A_.02_19.34_553.60_DEVI.log		

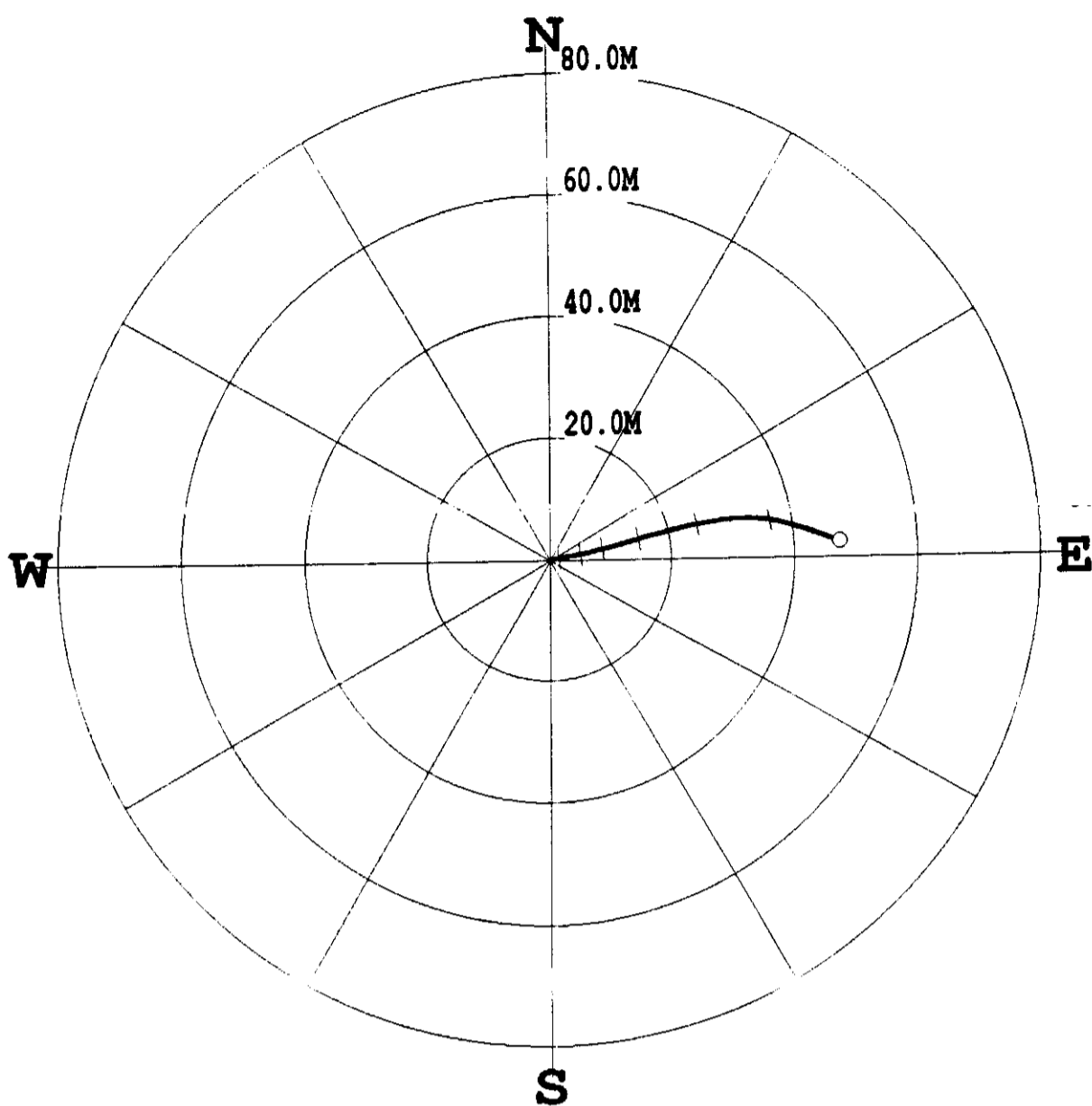
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
530.0	516.24	-30.61	92.83	97.7	108.2	16.4	157.1
540.0	525.84	-33.22	93.88	99.6	109.5	16.0	155.2
550.0	535.44	-35.81	94.91	101.4	110.7	15.9	155.1
553.6	538.86	-36.72	95.27	102.1	111.1	15.9	157.8

PLAN VIEW COMPU-LOG DEVIATION #873

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 27-75
 DATE OF LOG: 10/21/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 338.42 M
 AZIMUTH: 87.0
 DISTANCE: 47.4 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



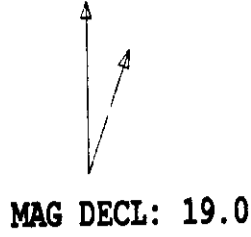
* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD HOLE ID. : 27-75
 FIELD OFFICE : TULSA,OK. DATE OF LOG : 10/21/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-75_10-21-01_11-41_9055A_.02_18.79_343.33_DEVI.log

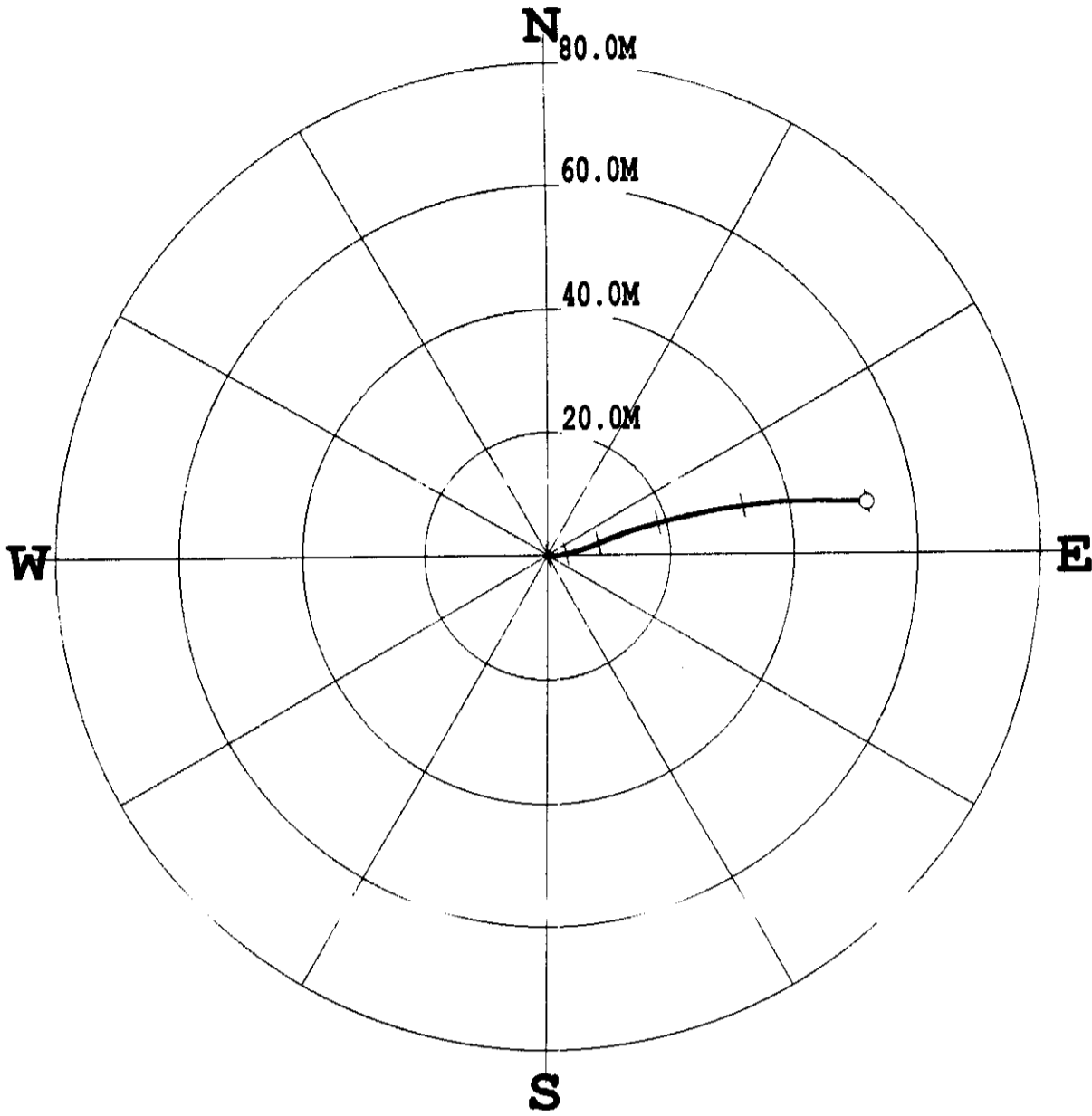
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.01	0.01	0.04	0.0	81.0	2.3	53.0
30.0	30.00	0.09	0.42	0.4	78.4	2.7	76.1
40.0	39.99	0.20	0.86	0.9	77.2	3.0	76.2
50.0	49.97	0.36	1.41	1.5	75.7	3.3	79.2
60.0	59.95	0.50	2.05	2.1	76.3	4.2	86.7
70.0	69.93	0.58	2.76	2.8	78.1	4.2	83.7
80.0	79.90	0.66	3.51	3.6	79.3	4.5	85.5
90.0	89.87	0.78	4.27	4.3	79.7	4.6	77.6
100.0	99.84	0.92	5.02	5.1	79.6	4.5	76.2
110.0	109.80	1.06	5.83	5.9	79.7	4.7	80.9
120.0	119.78	1.22	6.55	6.7	79.5	3.6	77.0
130.0	129.76	1.36	7.17	7.3	79.3	4.0	79.6
140.0	139.73	1.54	7.88	8.0	78.9	4.3	76.9
150.0	149.70	1.70	8.63	8.8	78.8	4.2	74.4
160.0	159.66	1.88	9.45	9.6	78.8	5.2	69.7
170.0	169.61	2.13	10.46	10.7	78.5	6.9	74.8
180.0	179.53	2.44	11.68	11.9	78.2	7.7	74.4
190.0	189.43	2.79	13.03	13.3	77.9	8.2	75.7
200.0	199.31	3.21	14.50	14.8	77.5	9.0	77.0
210.0	209.17	3.65	16.14	16.5	77.2	10.2	75.8
220.0	219.00	4.07	17.93	18.4	77.2	11.1	78.2
230.0	228.80	4.54	19.81	20.3	77.1	11.9	74.3
240.0	238.61	5.00	21.72	22.3	77.0	11.3	75.5
250.0	248.42	5.40	23.64	24.3	77.1	11.3	83.4
260.0	258.21	5.73	25.62	26.3	77.4	11.9	77.5
270.0	267.98	6.04	27.73	28.4	77.7	12.8	83.3
280.0	277.72	6.28	29.99	30.6	78.2	13.5	85.7
290.0	287.42	6.36	32.41	33.0	78.9	14.4	93.5
300.0	297.09	6.13	34.95	35.5	80.0	15.4	95.7
310.0	306.72	5.67	37.60	38.0	81.4	16.2	101.2
320.0	316.30	4.91	40.35	40.6	83.1	17.7	103.5
330.0	325.81	3.95	43.25	43.4	84.8	19.5	110.0
340.0	335.27	2.89	46.32	46.4	86.4	19.4	110.4
343.3	338.38	2.49	47.34	47.4	87.0	19.5	112.1

PLAN VIEW COMPU-LOG DEVIATION #873

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 27-76
 DATE OF LOG: 10/21/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 299.86 M
 AZIMUTH: 81.0
 DISTANCE: 52.3 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



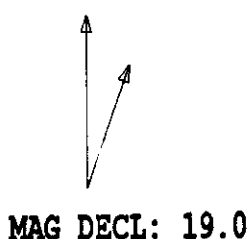
* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD HOLE ID. : 27-76
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 10/21/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-76_10-21-01_13-40_9055A_.02_18.92_307.18_DEVI.log

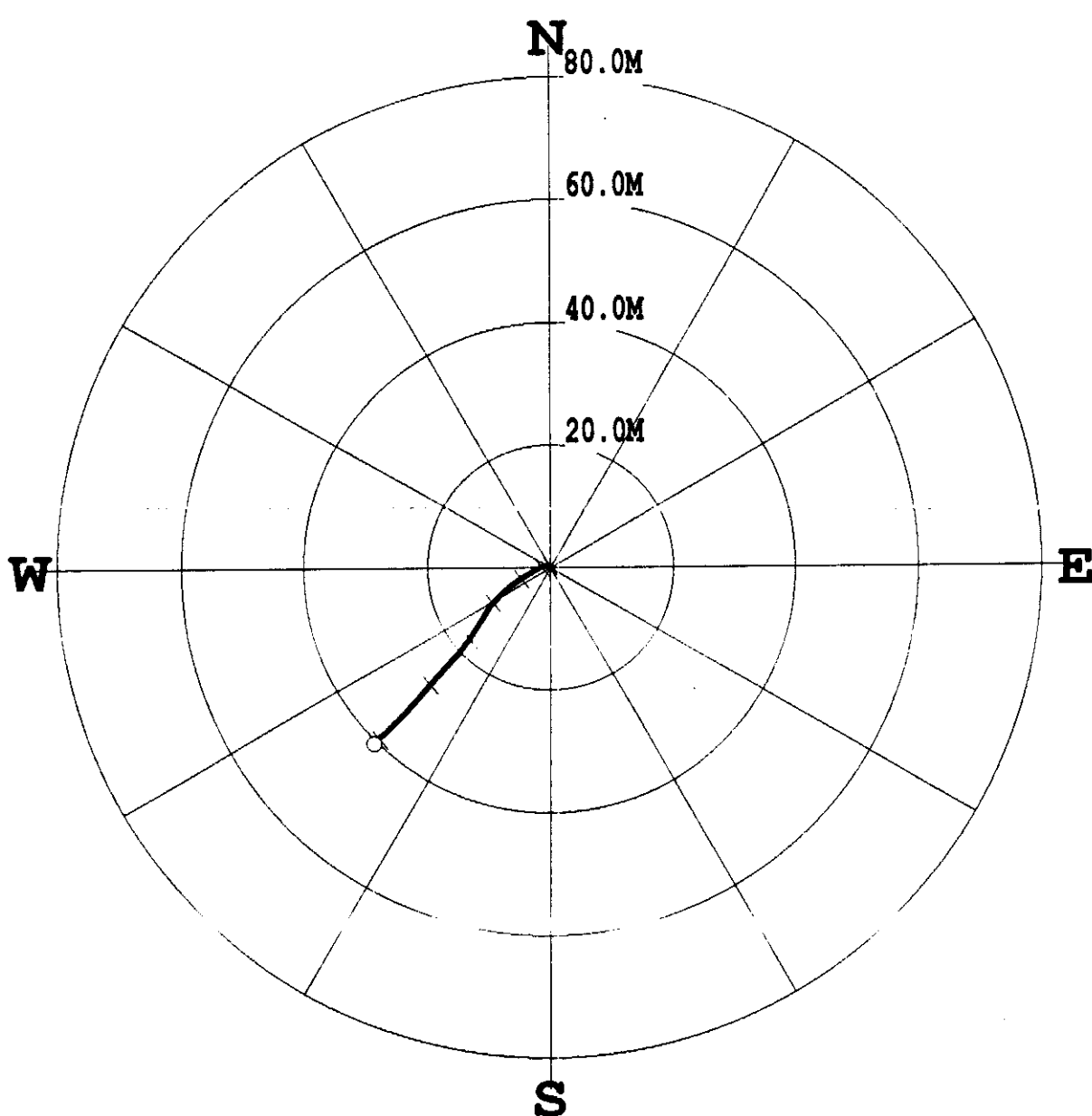
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	-0.00	0.00	0.0	102.3	0.4	139.9
30.0	30.00	-0.06	0.03	0.1	156.4	0.6	145.1
40.0	40.00	-0.14	0.06	0.2	155.1	0.7	144.0
50.0	50.00	-0.21	0.21	0.3	135.5	1.4	104.6
60.0	59.99	-0.24	0.58	0.6	112.7	2.0	60.7
70.0	69.98	-0.20	1.11	1.1	100.2	3.3	82.8
80.0	79.96	-0.12	1.72	1.7	93.9	3.6	81.4
90.0	89.93	0.00	2.41	2.4	90.0	4.2	80.6
100.0	99.90	0.13	3.14	3.1	87.6	4.2	78.1
110.0	109.87	0.26	3.93	3.9	86.2	5.2	81.1
120.0	119.82	0.47	4.87	4.9	84.5	6.1	78.4
130.0	129.77	0.79	5.86	5.9	82.3	6.1	74.4
140.0	139.70	1.16	6.94	7.0	80.5	7.3	62.6
150.0	149.60	1.69	8.26	8.4	78.4	9.3	70.5
160.0	159.46	2.32	9.84	10.1	76.8	10.1	69.7
170.0	169.28	2.98	11.59	12.0	75.6	11.4	69.8
180.0	179.08	3.64	13.47	14.0	74.9	11.7	71.3
190.0	188.85	4.25	15.51	16.1	74.7	12.2	74.6
200.0	198.60	4.84	17.64	18.3	74.6	13.2	66.1
210.0	208.33	5.43	19.85	20.6	74.7	13.9	73.8
220.0	218.03	5.95	22.24	23.0	75.0	15.0	76.4
230.0	227.67	6.48	24.84	25.7	75.4	16.3	73.0
240.0	237.27	7.02	27.58	28.5	75.7	16.6	80.1
250.0	246.82	7.44	30.51	31.4	76.3	16.0	84.7
260.0	256.31	7.84	33.64	34.5	76.9	18.4	87.4
270.0	265.70	8.14	37.05	37.9	77.6	20.5	85.9
280.0	275.03	8.30	40.66	41.5	78.5	22.0	87.5
290.0	284.26	8.33	44.50	45.3	79.4	23.3	88.0
300.0	293.37	8.26	48.60	49.3	80.4	25.2	92.2
307.2	299.82	8.18	51.65	52.3	81.0	25.5	93.4

PLAN VIEW COMPU-LOG DEVIATION #873

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 23-77
 DATE OF LOG: 11/12/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 354.50 M
 AZIMUTH: 225.0
 DISTANCE: 40.5 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



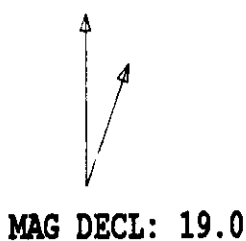
* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD HOLE ID. : 23-77
 FIELD OFFICE : TULSA,OK. DATE OF LOG : 11/12/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 23-77_11-12-01_15-27_9055A_.02_18.92_358.10_DEVI.log

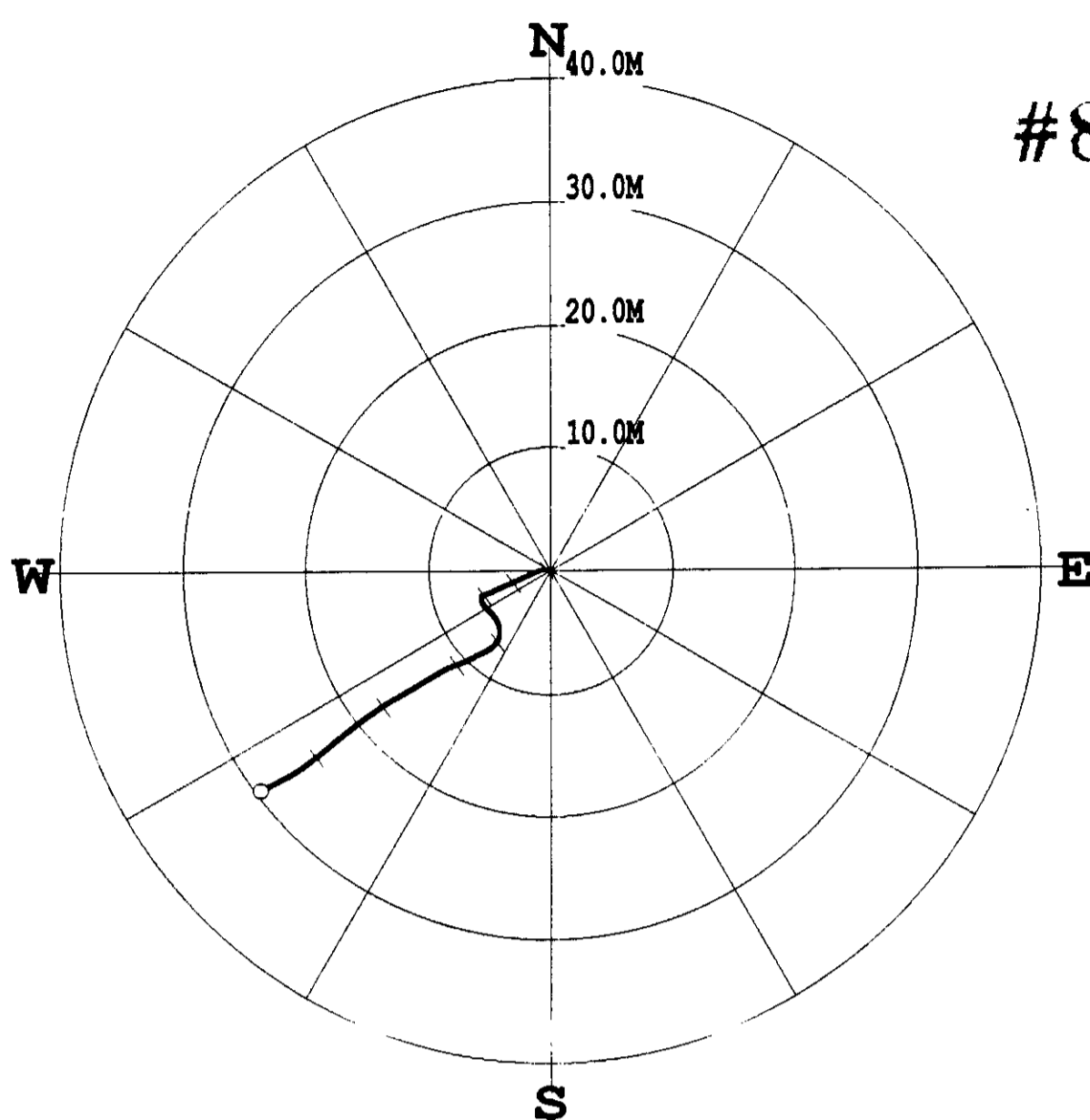
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.01	0.01	0.0	27.0	1.0	30.8
30.0	30.00	0.13	0.06	0.1	26.1	0.4	357.6
40.0	40.00	0.20	0.05	0.2	13.1	0.4	349.9
50.0	50.00	0.29	-0.07	0.3	346.9	1.2	294.0
60.0	59.99	0.34	-0.36	0.5	313.3	1.9	267.0
70.0	69.99	0.30	-0.67	0.7	294.3	1.6	253.5
80.0	79.98	0.20	-0.91	0.9	282.1	1.3	244.9
90.0	89.98	0.10	-1.13	1.1	275.2	1.4	250.3
100.0	99.98	-0.01	-1.38	1.4	269.7	2.1	252.5
110.0	109.97	-0.18	-1.77	1.8	264.2	2.7	246.9
120.0	119.95	-0.46	-2.37	2.4	258.9	4.6	240.1
130.0	129.91	-0.85	-3.06	3.2	254.5	4.8	241.3
140.0	139.87	-1.28	-3.83	4.0	251.5	5.7	243.2
150.0	149.82	-1.82	-4.74	5.1	249.0	6.5	237.4
160.0	159.75	-2.49	-5.68	6.2	246.4	6.9	236.7
170.0	169.68	-3.21	-6.65	7.4	244.3	6.9	231.7
180.0	179.61	-3.99	-7.55	8.5	242.1	7.4	228.2
190.0	189.53	-4.81	-8.46	9.7	240.4	6.6	226.0
200.0	199.47	-5.61	-9.21	10.8	238.7	6.0	222.1
210.0	209.41	-6.45	-9.87	11.8	236.8	6.2	208.0
220.0	219.34	-7.47	-10.51	12.9	234.6	7.4	214.7
230.0	229.23	-8.69	-11.27	14.2	232.4	9.0	211.0
240.0	239.11	-10.01	-12.14	15.7	230.5	9.1	215.3
250.0	248.97	-11.37	-13.02	17.3	228.9	9.4	213.9
260.0	258.83	-12.75	-14.02	18.9	227.7	10.5	218.2
270.0	268.65	-14.19	-15.19	20.8	227.0	11.0	216.0
280.0	278.46	-15.62	-16.52	22.7	226.6	11.3	222.3
290.0	288.25	-17.13	-17.88	24.8	226.2	12.1	220.0
300.0	298.02	-18.74	-19.30	26.9	225.8	12.7	221.2
310.0	307.77	-20.41	-20.74	29.1	225.5	12.5	220.9
320.0	317.51	-22.11	-22.21	31.3	225.1	13.5	222.5
330.0	327.23	-23.82	-23.80	33.7	225.0	13.7	224.5
340.0	336.95	-25.51	-25.44	36.0	224.9	13.9	228.5
350.0	346.65	-27.22	-27.19	38.5	225.0	14.2	226.7
358.1	354.46	-28.60	-28.60	40.4	225.0	14.3	225.0

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 27-78
 DATE OF LOG: 10/26/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 432.48 M
 AZIMUTH: 233.1
 DISTANCE: 29.6 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



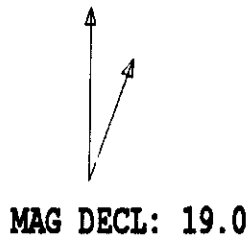
* * * * * COMPU-LOG - VERTICAL DEVIATION * * * * *

CLIENT : FORDING COAL LTD HOLE ID. : 27-78
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 10/26/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-78_10-26-01_09-27_9055A_.02_19.86_434.30_DEVI.log

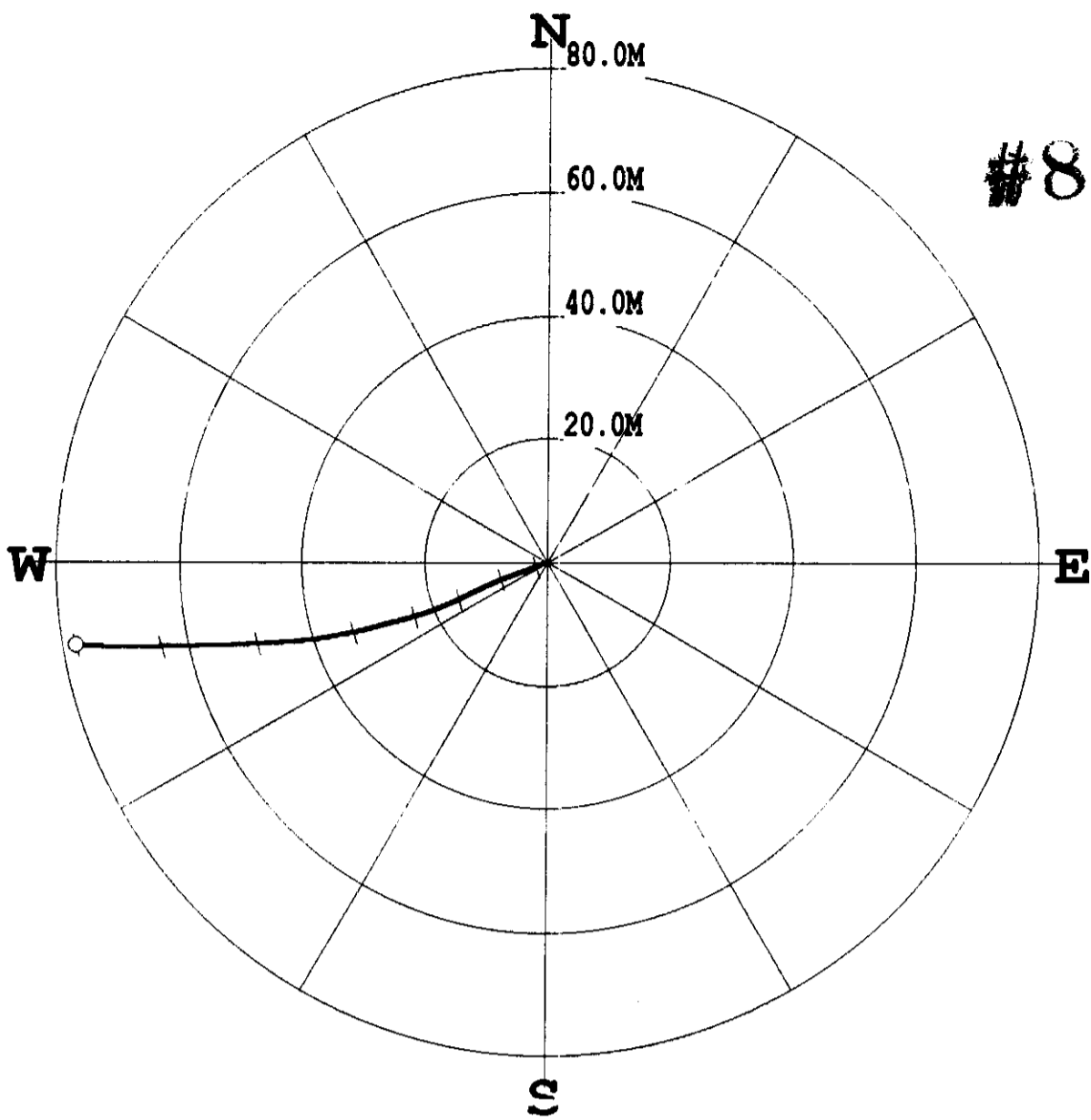
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.00	-0.00	0.0	326.0	0.3	4.5
30.0	30.00	0.02	-0.01	0.0	328.1	0.2	323.4
40.0	40.00	0.06	-0.12	0.1	297.5	1.0	265.9
50.0	50.00	0.05	-0.38	0.4	277.2	1.7	258.5
60.0	59.99	-0.03	-0.78	0.8	268.1	2.6	259.1
70.0	69.97	-0.19	-1.26	1.3	261.5	3.4	248.6
80.0	79.96	-0.44	-1.81	1.9	256.3	3.6	246.9
90.0	89.93	-0.70	-2.41	2.5	253.7	4.1	243.4
100.0	99.91	-1.00	-3.07	3.2	252.0	4.2	245.2
110.0	109.88	-1.31	-3.78	4.0	250.9	4.1	246.5
120.0	119.85	-1.59	-4.41	4.7	250.2	3.8	250.1
130.0	129.84	-1.81	-4.94	5.3	249.8	2.4	246.7
140.0	139.83	-1.94	-5.25	5.6	249.8	2.0	259.0
150.0	149.83	-2.01	-5.48	5.8	249.8	1.3	255.2
160.0	159.83	-2.07	-5.61	6.0	249.8	0.1	166.5
170.0	169.82	-2.18	-5.66	6.1	248.9	1.4	181.6
180.0	179.82	-2.43	-5.66	6.2	246.8	1.6	175.2
190.0	189.81	-2.76	-5.52	6.2	243.4	2.1	142.9
200.0	199.80	-3.21	-5.14	6.1	238.0	4.0	134.2
210.0	209.77	-3.69	-4.67	6.0	231.7	3.5	138.6
220.0	219.76	-4.18	-4.34	6.0	226.1	3.3	150.1
230.0	229.74	-4.68	-4.16	6.3	221.7	3.2	170.4
240.0	239.73	-5.22	-4.14	6.7	218.4	3.1	180.0
250.0	249.71	-5.75	-4.36	7.2	217.2	3.4	214.1
260.0	259.69	-6.16	-4.74	7.8	217.6	3.2	228.4
270.0	269.68	-6.49	-5.24	8.3	218.9	4.0	248.5
280.0	279.65	-6.79	-5.89	9.0	220.9	4.6	245.0
290.0	289.61	-7.17	-6.68	9.8	223.0	6.0	243.9
300.0	299.55	-7.57	-7.70	10.8	225.5	6.1	242.8
310.0	309.48	-8.02	-8.76	11.9	227.5	6.7	240.9
320.0	319.40	-8.63	-9.90	13.1	228.9	7.6	230.4
330.0	329.30	-9.36	-11.13	14.5	229.9	8.2	243.1
340.0	339.19	-10.08	-12.40	16.0	230.9	8.2	240.4
350.0	349.09	-10.80	-13.63	17.4	231.6	8.2	235.1
360.0	358.99	-11.58	-14.78	18.8	231.9	8.0	230.2
370.0	368.89	-12.41	-15.88	20.2	232.0	7.9	232.1
380.0	378.80	-13.22	-16.94	21.5	232.0	7.5	229.9
390.0	388.72	-14.05	-17.92	22.8	231.9	7.4	228.7
400.0	398.63	-14.90	-18.96	24.1	231.8	7.8	226.4
410.0	408.52	-15.79	-20.14	25.6	231.9	8.8	234.9
420.0	418.40	-16.62	-21.45	27.1	232.2	9.6	241.3
430.0	428.25	-17.39	-22.98	28.8	232.9	10.0	240.3
434.3	432.44	-17.74	-23.66	29.6	233.1	10.7	244.5

COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 27-79
 DATE OF LOG: 10/23/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 394.36 M
 AZIMUTH: 260.0
 DISTANCE: 77.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

CLIENT	: FORDING COAL LTD	HOLE ID.	: 27-79
FIELD OFFICE	: TULSA, OK.	DATE OF LOG	: 10/23/01
DATA FROM	:	PROBE	: 9055A , 58
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG: 27-79_10-23-01_09-57_9055A_.02_18.77_404.03_DEVI.log			

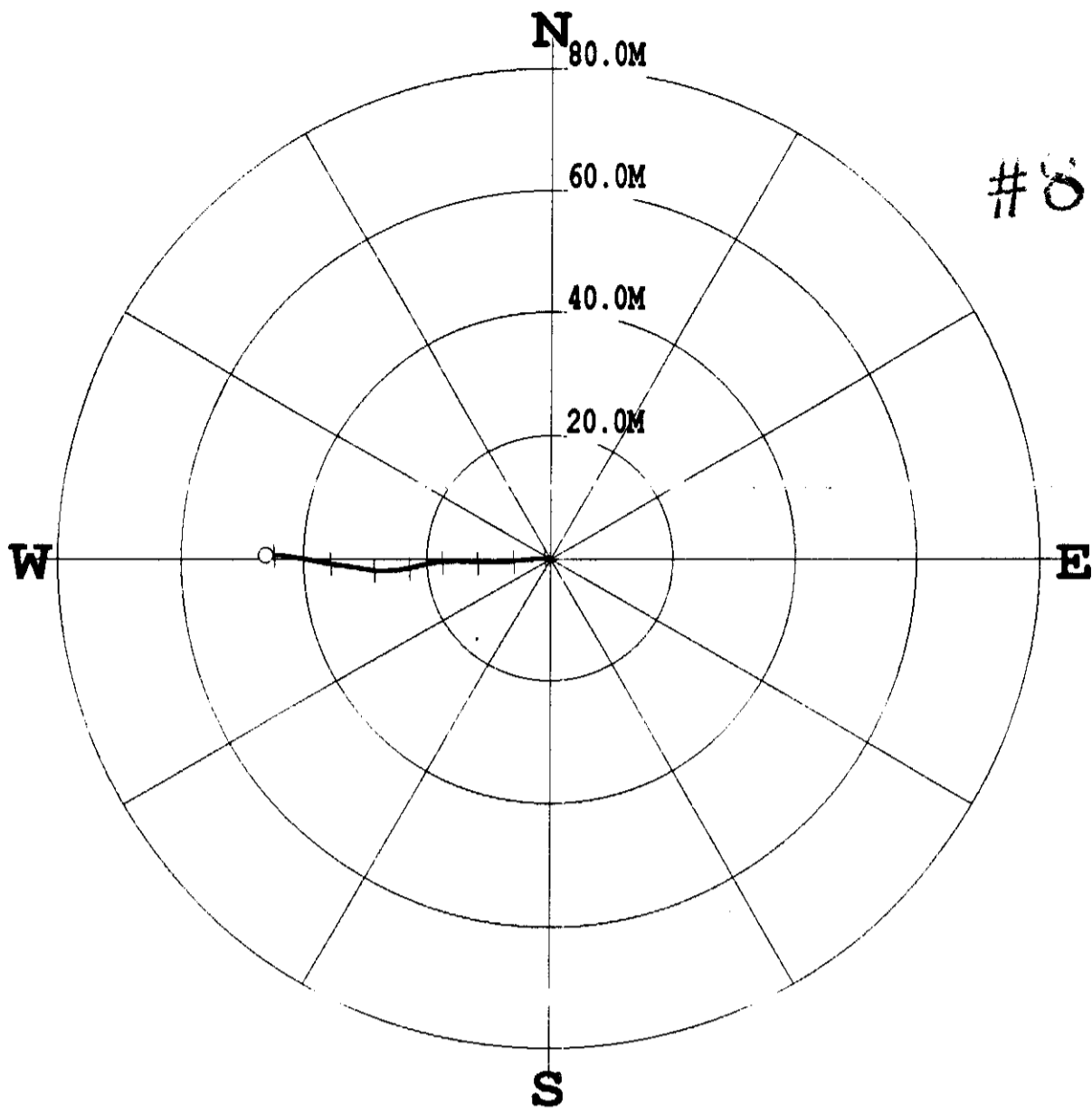
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	-0.02	-0.05	0.1	252.3	2.6	256.0
30.0	29.98	-0.16	-0.49	0.5	252.3	3.1	243.2
40.0	39.96	-0.38	-1.04	1.1	250.0	4.1	247.3
50.0	49.93	-0.69	-1.76	1.9	248.6	4.8	247.2
60.0	59.89	-1.05	-2.60	2.8	248.1	5.7	255.0
70.0	69.82	-1.44	-3.69	4.0	248.7	7.0	249.5
80.0	79.74	-1.87	-4.88	5.2	249.0	7.6	245.9
90.0	89.65	-2.36	-6.11	6.5	248.9	7.6	259.0
100.0	99.55	-2.85	-7.41	7.9	249.0	9.3	250.0
110.0	109.42	-3.46	-8.88	9.5	248.7	9.6	247.7
120.0	119.29	-4.11	-10.32	11.1	248.3	8.6	245.4
130.0	129.18	-4.77	-11.67	12.6	247.8	8.5	244.3
140.0	139.07	-5.40	-12.97	14.1	247.4	8.5	245.7
150.0	148.97	-6.02	-14.25	15.5	247.1	8.2	246.8
160.0	158.87	-6.61	-15.56	16.9	247.0	8.2	246.9
170.0	168.77	-7.16	-16.86	18.3	247.0	8.4	249.8
180.0	178.66	-7.70	-18.24	19.8	247.1	8.7	249.4
190.0	188.54	-8.22	-19.72	21.4	247.4	9.5	250.6
200.0	198.38	-8.76	-21.36	23.1	247.7	10.1	254.8
210.0	208.22	-9.26	-23.11	24.9	248.2	10.6	255.7
220.0	218.05	-9.72	-24.89	26.7	248.7	10.6	255.6
230.0	227.86	-10.19	-26.76	28.6	249.2	11.4	254.1
240.0	237.66	-10.73	-28.69	30.6	249.5	12.1	258.1
250.0	247.38	-11.24	-30.83	32.8	250.0	14.1	258.4
260.0	257.02	-11.77	-33.43	35.4	250.6	16.2	260.1
270.0	266.60	-12.27	-36.24	38.3	251.3	17.1	260.9
280.0	276.15	-12.68	-39.18	41.2	252.1	17.6	262.0
290.0	285.64	-12.96	-42.32	44.3	253.0	18.7	263.6
300.0	295.11	-13.12	-45.51	47.4	253.9	18.4	266.8
310.0	304.62	-13.28	-48.61	50.4	254.7	17.8	265.4
320.0	314.14	-13.43	-51.66	53.4	255.4	18.1	266.6
330.0	323.65	-13.51	-54.74	56.4	256.1	17.7	268.4
340.0	333.18	-13.58	-57.78	59.4	256.8	17.7	267.0
350.0	342.73	-13.62	-60.73	62.2	257.4	16.9	267.3
360.0	352.30	-13.71	-63.64	65.1	257.8	16.8	269.2
370.0	361.86	-13.76	-66.57	68.0	258.3	17.0	267.0
380.0	371.41	-13.74	-69.55	70.9	258.8	17.2	271.8
390.0	380.95	-13.69	-72.54	73.8	259.3	17.7	273.6
400.0	390.50	-13.56	-75.49	76.7	259.8	16.8	272.7
404.0	394.32	-13.48	-76.66	77.8	260.0	17.3	273.4

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 27-80
 DATE OF LOG: 10/19/01
 PROBE: 9055A 58



SCALE: 10 M/CM
 TRUE DEPTH: 406.66 M
 AZIMUTH: 270.8
 DISTANCE: 46.1 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-80
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 10/19/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-80_10-19-01_12-58_9055A_.02_19.12_409.74_DEVI.log

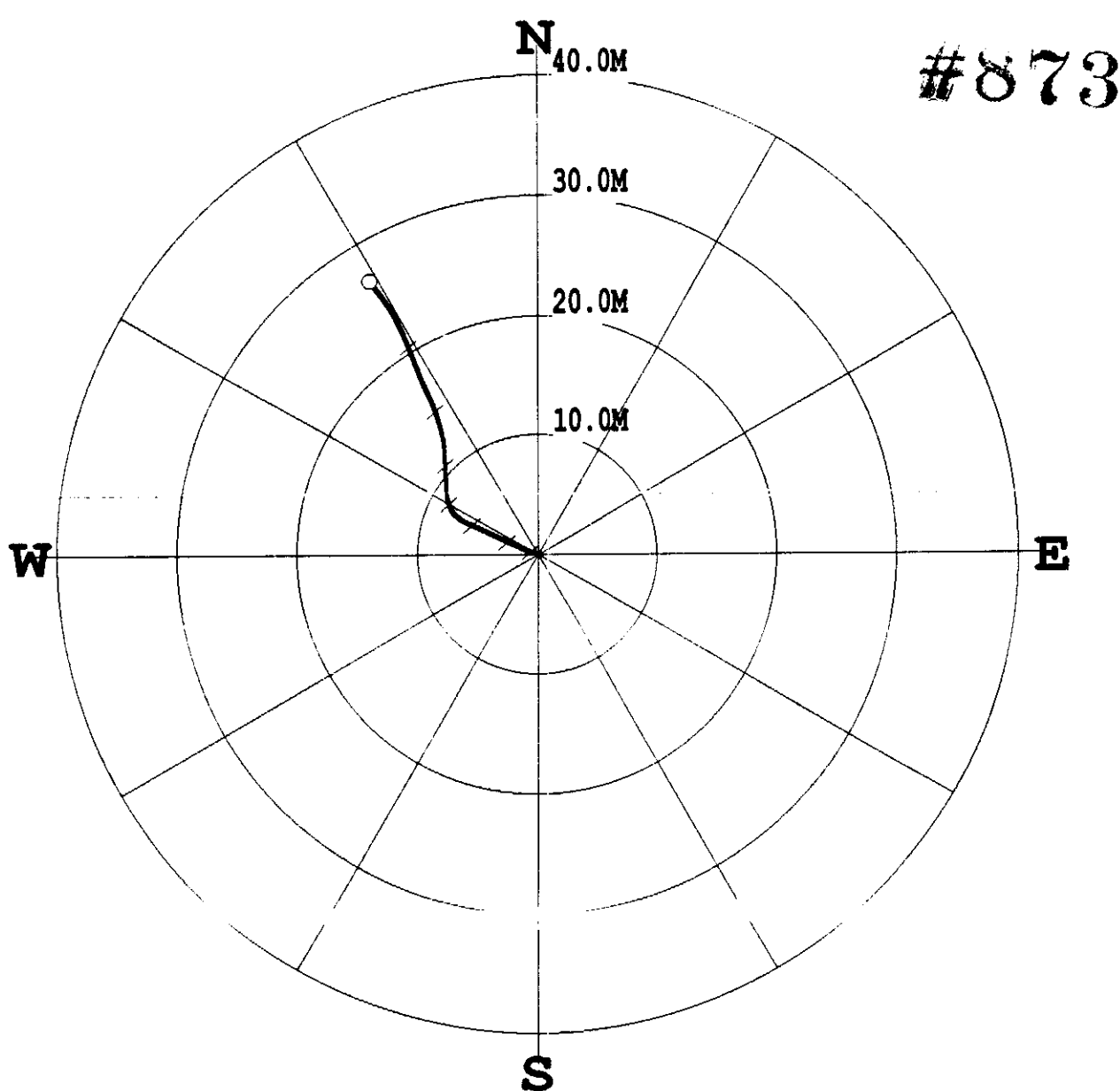
CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.00	-0.01	0.0	281.6	0.4	312.8
30.0	30.00	0.02	-0.18	0.2	276.4	1.5	275.2
40.0	39.99	0.04	-0.46	0.5	275.2	2.6	252.4
50.0	49.98	0.04	-0.94	0.9	272.5	3.5	271.5
60.0	59.96	0.01	-1.62	1.6	270.3	3.8	272.7
70.0	69.92	-0.06	-2.49	2.5	268.7	4.9	262.2
80.0	79.86	-0.15	-3.53	3.5	267.6	6.5	258.5
90.0	89.80	-0.25	-4.68	4.7	267.0	6.7	264.8
100.0	99.72	-0.35	-5.87	5.9	266.6	7.2	265.3
110.0	109.65	-0.45	-7.10	7.1	266.4	7.0	265.6
120.0	119.58	-0.56	-8.29	8.3	266.1	6.6	263.2
130.0	129.51	-0.61	-9.42	9.4	266.3	6.3	263.9
140.0	139.45	-0.64	-10.50	10.5	266.5	6.5	265.0
150.0	149.39	-0.60	-11.62	11.6	267.1	6.6	270.7
160.0	159.32	-0.47	-12.76	12.8	267.9	6.5	276.1
170.0	169.26	-0.40	-13.87	13.9	268.3	7.0	279.7
180.0	179.19	-0.37	-15.02	15.0	268.6	6.8	272.9
190.0	189.12	-0.41	-16.19	16.2	268.5	6.7	268.4
200.0	199.06	-0.50	-17.34	17.3	268.4	6.6	264.3
210.0	209.00	-0.60	-18.41	18.4	268.1	6.2	264.0
220.0	218.94	-0.75	-19.45	19.5	267.8	6.3	258.6
230.0	228.88	-0.97	-20.53	20.5	267.3	6.3	264.4
240.0	238.82	-1.23	-21.60	21.6	266.7	6.6	256.8
250.0	248.76	-1.46	-22.67	22.7	266.3	6.2	257.0
260.0	258.70	-1.68	-23.70	23.8	265.9	6.0	260.3
270.0	268.64	-1.82	-24.77	24.8	265.8	6.3	261.4
280.0	278.58	-1.90	-25.90	26.0	265.8	6.7	269.8
290.0	288.51	-1.93	-27.11	27.2	265.9	7.4	270.6
300.0	298.42	-1.92	-28.38	28.4	266.1	7.3	273.3
310.0	308.34	-1.75	-29.65	29.7	266.6	7.3	286.8
320.0	318.26	-1.54	-30.90	30.9	267.2	7.5	279.9
330.0	328.17	-1.33	-32.23	32.3	267.6	8.1	278.0
340.0	338.06	-1.13	-33.71	33.7	268.1	9.1	277.0
350.0	347.92	-0.89	-35.33	35.3	268.6	9.6	280.2
360.0	357.77	-0.61	-37.01	37.0	269.1	9.9	281.2
370.0	367.62	-0.27	-38.73	38.7	269.6	10.2	281.1
380.0	377.46	0.04	-40.50	40.5	270.1	10.5	276.7
390.0	387.28	0.34	-42.34	42.3	270.5	10.7	277.2
400.0	397.11	0.53	-44.19	44.2	270.7	10.9	273.3
409.7	406.62	0.63	-46.08	46.1	270.8	11.3	272.0

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: FORDING RIVER
 HOLE ID: 27-81
 DATE OF LOG: 10/30/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 396.28 M
 AZIMUTH: 328.6
 DISTANCE: 26.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

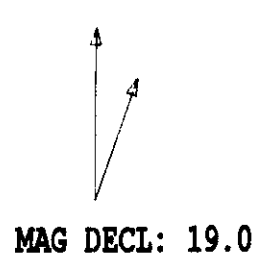
CLIENT	: FORDING COAL LTD	HOLE ID.	: 27-81
FIELD OFFICE	: TULSA, OK.	DATE OF LOG	: 10/30/01
DATA FROM	:	PROBE	: 9055A , 58
MAG. DECL.	: 19.000	DEPTH UNITS	: METERS
LOG: 27-81_10-30-01_07-54_9055A_.02_19.06_397.62_DEVI.log			

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.00	-0.01	0.0	284.6	0.5	277.2
30.0	30.00	0.05	-0.18	0.2	287.2	1.2	290.3
40.0	40.00	0.12	-0.37	0.4	288.4	1.4	288.1
50.0	49.99	0.21	-0.63	0.7	288.1	1.6	282.7
60.0	59.99	0.33	-0.95	1.0	289.1	2.3	292.7
70.0	69.98	0.50	-1.31	1.4	290.7	2.4	295.8
80.0	79.97	0.69	-1.72	1.9	291.8	2.5	292.0
90.0	89.96	0.86	-2.11	2.3	292.1	2.6	293.9
100.0	99.95	1.05	-2.51	2.7	292.7	2.7	299.5
110.0	109.93	1.29	-3.01	3.3	293.2	3.8	293.9
120.0	119.91	1.58	-3.61	3.9	293.7	4.0	297.8
130.0	129.89	1.89	-4.24	4.6	294.0	4.1	295.3
140.0	139.86	2.20	-4.89	5.4	294.2	4.1	295.0
150.0	149.84	2.46	-5.45	6.0	294.3	3.5	294.0
160.0	159.82	2.74	-6.04	6.6	294.4	3.8	300.6
170.0	169.80	3.06	-6.56	7.2	295.0	3.1	308.3
180.0	179.79	3.43	-6.94	7.7	296.3	3.0	314.9
190.0	189.78	3.81	-7.18	8.1	297.9	2.5	336.9
200.0	199.77	4.20	-7.34	8.5	299.8	2.9	347.1
210.0	209.75	4.69	-7.45	8.8	302.2	3.2	346.9
220.0	219.74	5.25	-7.52	9.2	304.9	3.6	354.6
230.0	229.72	5.86	-7.56	9.6	307.8	3.7	357.9
240.0	239.69	6.56	-7.60	10.0	310.8	4.5	358.7
250.0	249.66	7.37	-7.64	10.6	314.0	4.7	356.9
260.0	259.62	8.22	-7.69	11.3	316.9	5.2	359.5
270.0	269.58	9.13	-7.74	12.0	319.7	5.4	354.3
280.0	279.54	10.05	-7.89	12.8	321.9	5.7	348.6
290.0	289.49	11.00	-8.15	13.7	323.5	5.8	345.9
300.0	299.44	11.95	-8.44	14.6	324.8	5.5	339.6
310.0	309.39	12.90	-8.82	15.6	325.6	6.1	335.8
320.0	319.33	13.90	-9.27	16.7	326.3	6.5	334.7
330.0	329.26	14.97	-9.73	17.9	327.0	7.0	337.1
340.0	339.18	16.14	-10.17	19.1	327.8	7.4	343.0
350.0	349.10	17.34	-10.65	20.4	328.5	7.3	336.2
360.0	359.01	18.56	-11.17	21.7	329.0	7.7	336.3
370.0	368.92	19.77	-11.77	23.0	329.2	7.8	332.1
380.0	378.82	20.95	-12.50	24.4	329.2	7.9	323.7
390.0	388.73	22.03	-13.30	25.7	328.9	7.6	320.5
397.6	396.24	22.86	-13.93	26.8	328.7	8.0	324.8

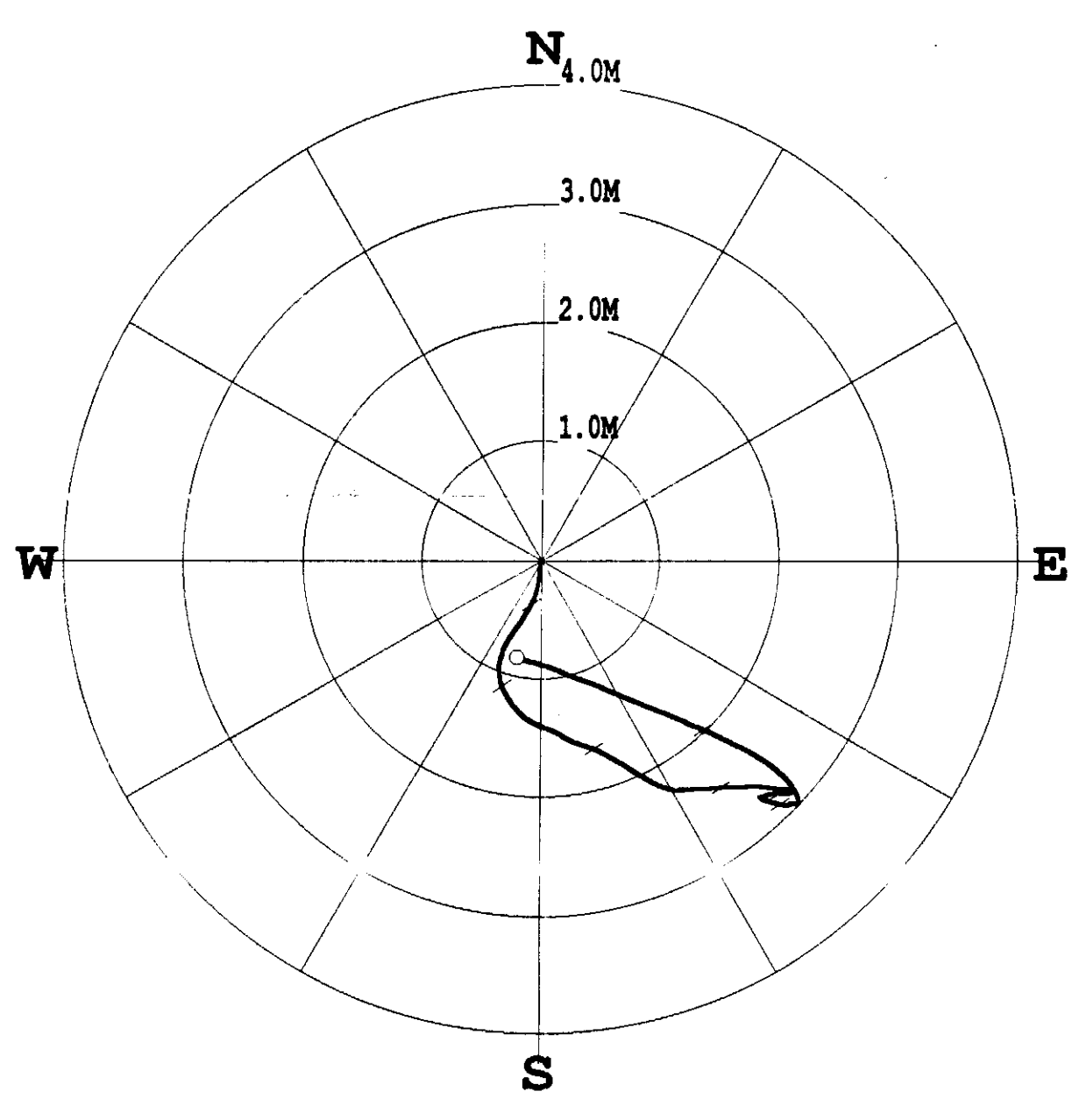
#873

PLAN VIEW COMPU-LOG DEVIATION

CLIENT: FORDING COAL LTD
 LOCATION: TURNBULL
 HOLE ID: 27-82
 DATE OF LOG: 11/02/01
 PROBE: 9055A 58



SCALE: 1 M/CM
 TRUE DEPTH: 376.13 M
 AZIMUTH: 193.6
 DISTANCE: 0.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

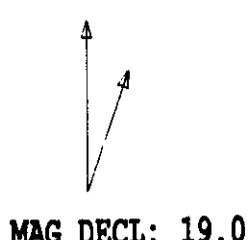
CLIENT : FORDING COAL LTD HOLE ID. : 27-82
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 11/02/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-82_11-02-01_16-37_9055A_.02_18.73_376.25_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	19.99	-0.01	-0.00	0.0	197.6	0.4	188.8
30.0	29.99	-0.11	-0.02	0.1	189.2	1.0	173.4
40.0	39.99	-0.23	-0.03	0.2	188.4	0.9	193.7
50.0	49.99	-0.38	-0.08	0.4	192.5	1.1	207.2
60.0	59.99	-0.52	-0.17	0.5	197.9	1.0	222.7
70.0	69.98	-0.66	-0.27	0.7	202.0	0.5	218.7
80.0	79.98	-0.79	-0.32	0.9	202.1	1.3	204.5
90.0	89.98	-0.93	-0.35	1.0	200.6	0.6	176.3
100.0	99.98	-1.06	-0.33	1.1	197.1	0.7	161.2
110.0	109.98	-1.17	-0.26	1.2	192.5	1.1	138.2
120.0	119.98	-1.32	-0.13	1.3	185.7	1.0	124.6
130.0	129.98	-1.41	0.05	1.4	177.8	1.2	95.9
140.0	139.97	-1.50	0.22	1.5	171.6	1.2	119.4
150.0	149.97	-1.58	0.45	1.6	164.2	1.7	99.1
160.0	159.97	-1.69	0.66	1.8	158.6	1.3	120.4
170.0	169.97	-1.81	0.85	2.0	154.9	1.4	121.8
180.0	179.96	-1.90	1.03	2.2	151.6	0.9	112.7
190.0	189.96	-1.93	1.23	2.3	147.6	1.4	81.3
200.0	199.96	-1.91	1.52	2.4	141.5	1.8	89.7
210.0	209.95	-1.90	1.85	2.7	135.8	1.8	96.5
220.0	219.95	-1.93	2.07	2.8	133.0	1.0	97.9
230.0	229.95	-1.95	2.13	2.9	132.4	0.1	339.2
240.0	239.95	-1.96	2.10	2.9	133.0	0.4	260.0
250.0	249.95	-1.96	2.01	2.8	134.2	0.4	268.3
260.0	259.95	-1.97	1.93	2.8	135.6	0.5	274.9
270.0	269.95	-1.99	1.86	2.7	136.9	0.3	248.7
280.0	279.95	-1.99	1.85	2.7	137.1	0.1	131.2
290.0	289.95	-2.02	1.89	2.8	136.9	0.5	111.4
300.0	299.95	-2.05	2.02	2.9	135.5	0.9	105.1
310.0	309.95	-2.04	2.13	2.9	133.9	0.7	90.0
320.0	319.95	-2.03	2.18	3.0	133.0	0.4	355.2
330.0	329.94	-1.90	2.13	2.9	131.8	1.3	330.8
340.0	339.94	-1.67	1.86	2.5	131.9	2.7	301.3
350.0	349.92	-1.42	1.38	2.0	135.9	3.7	293.4
360.0	359.90	-1.17	0.76	1.4	146.9	4.0	292.6
370.0	369.88	-0.95	0.18	1.0	169.2	3.9	283.8
376.3	376.09	-0.82	-0.20	0.8	193.4	4.0	283.4

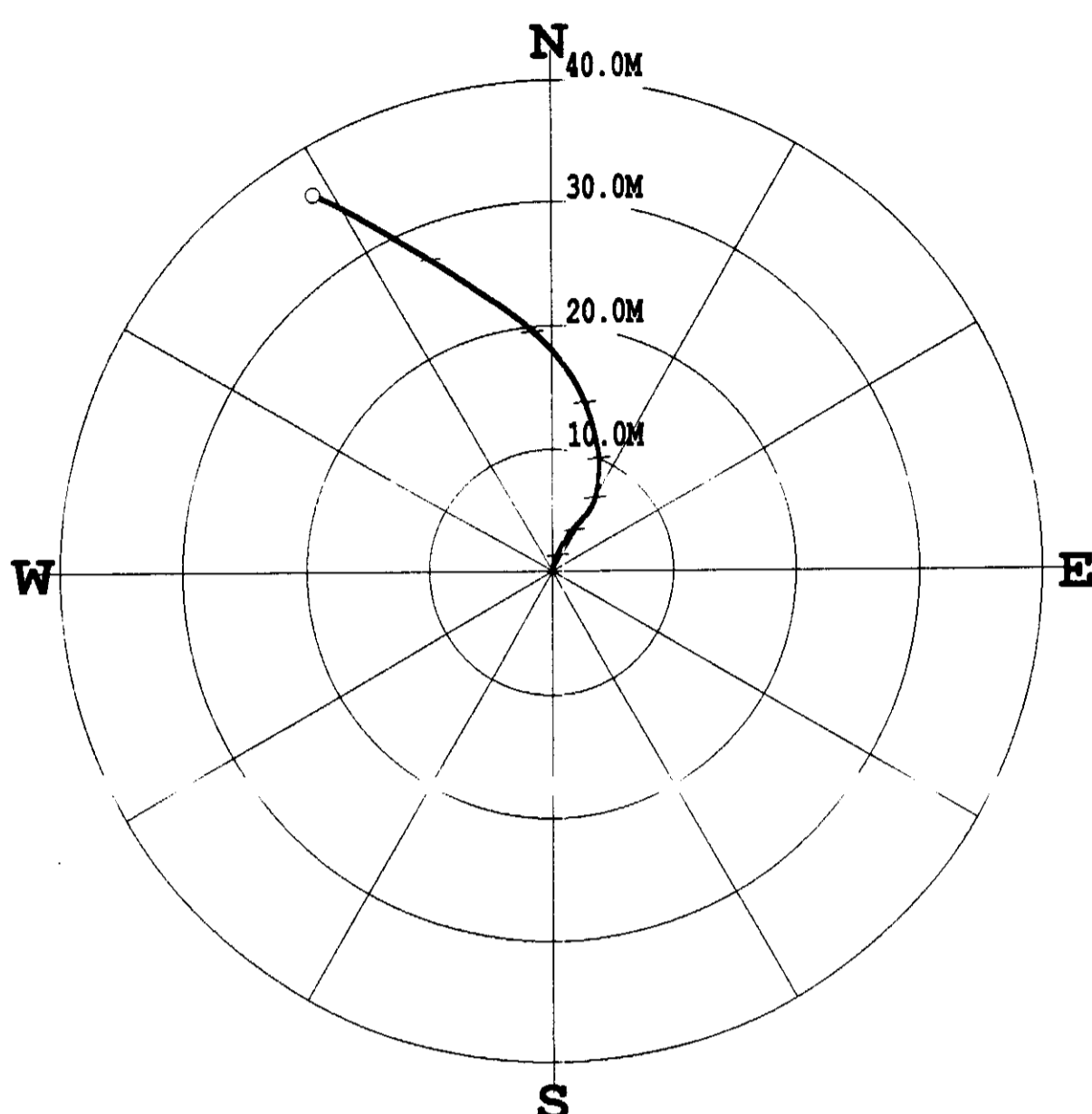
PLAN VIEW COMPU-LOG DEVIATION

#873

CLIENT: FORDING COAL LTD
 LOCATION: TURNBULL
 HOLE ID: 27-83
 DATE OF LOG: 11/06/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 394.28 M
 AZIMUTH: 327.7
 DISTANCE: 36.3 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

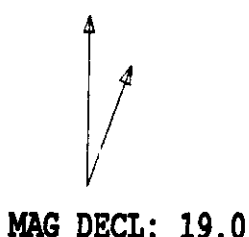
CLIENT : FORDING COAL LTD	HOLE ID. : 27-83
FIELD OFFICE : TULSA, OK.	DATE OF LOG : 11/06/01
DATA FROM :	PROBE : 9055A , 58
MAG. DECL. : 19.000	DEPTH UNITS : METERS
LOG: 27-83_11-06-01_15-17_9055A_.02_19.08_397.72_DEVI.log	

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
20.0	20.00	0.04	0.01	0.0	14.3	2.6	4.9
30.0	29.99	0.49	0.13	0.5	14.4	2.5	16.5
40.0	39.98	0.92	0.27	1.0	16.5	2.6	20.4
50.0	49.97	1.32	0.45	1.4	18.6	2.6	23.5
60.0	59.96	1.69	0.61	1.8	19.8	2.5	24.2
70.0	69.95	2.05	0.80	2.2	21.4	2.3	32.8
80.0	79.94	2.46	1.06	2.7	23.3	3.0	34.6
90.0	89.92	2.95	1.38	3.3	25.0	3.6	36.7
100.0	99.90	3.45	1.76	3.9	27.1	3.7	36.3
110.0	109.88	3.92	2.19	4.5	29.2	3.7	42.5
120.0	119.86	4.38	2.62	5.1	30.9	3.6	48.2
130.0	129.84	4.90	3.04	5.8	31.8	3.9	35.6
140.0	139.82	5.46	3.39	6.4	31.8	3.9	31.1
150.0	149.80	6.07	3.60	7.1	30.7	3.7	13.7
160.0	159.78	6.70	3.74	7.7	29.2	3.7	9.9
170.0	169.75	7.35	3.83	8.3	27.5	4.0	7.2
180.0	179.73	8.00	3.89	8.9	25.9	3.5	3.7
190.0	189.71	8.64	3.92	9.5	24.4	3.6	359.4
200.0	199.69	9.29	3.90	10.1	22.8	4.0	352.6
210.0	209.66	10.01	3.81	10.7	20.8	4.5	348.2
220.0	219.63	10.78	3.64	11.4	18.7	4.8	344.1
230.0	229.59	11.70	3.42	12.2	16.3	5.7	345.9
240.0	239.54	12.68	3.13	13.1	13.8	5.9	340.7
250.0	249.47	13.73	2.76	14.0	11.4	6.4	340.1
260.0	259.41	14.76	2.29	14.9	8.8	7.4	332.6
270.0	269.34	15.81	1.69	15.9	6.1	7.0	327.1
280.0	279.25	16.90	0.92	16.9	3.1	8.4	324.4
290.0	289.12	18.14	-0.09	18.1	359.7	10.3	319.3
300.0	298.94	19.44	-1.41	19.5	355.9	9.0	290.5
310.0	308.76	20.65	-2.87	20.8	352.1	10.8	306.9
320.0	318.58	21.74	-4.40	22.2	348.5	10.9	305.3
330.0	328.38	22.85	-6.04	23.6	345.2	11.4	303.2
340.0	338.17	23.99	-7.74	25.2	342.1	12.2	305.6
350.0	347.94	25.15	-9.53	26.9	339.2	12.4	302.6
360.0	357.70	26.26	-11.41	28.6	336.5	12.7	300.3
370.0	367.44	27.43	-13.35	30.5	334.1	13.5	303.6
380.0	377.14	28.64	-15.41	32.5	331.7	14.5	297.0
390.0	386.81	29.83	-17.62	34.6	329.4	14.6	296.6
397.7	394.24	30.66	-19.39	36.3	327.7	15.0	294.2

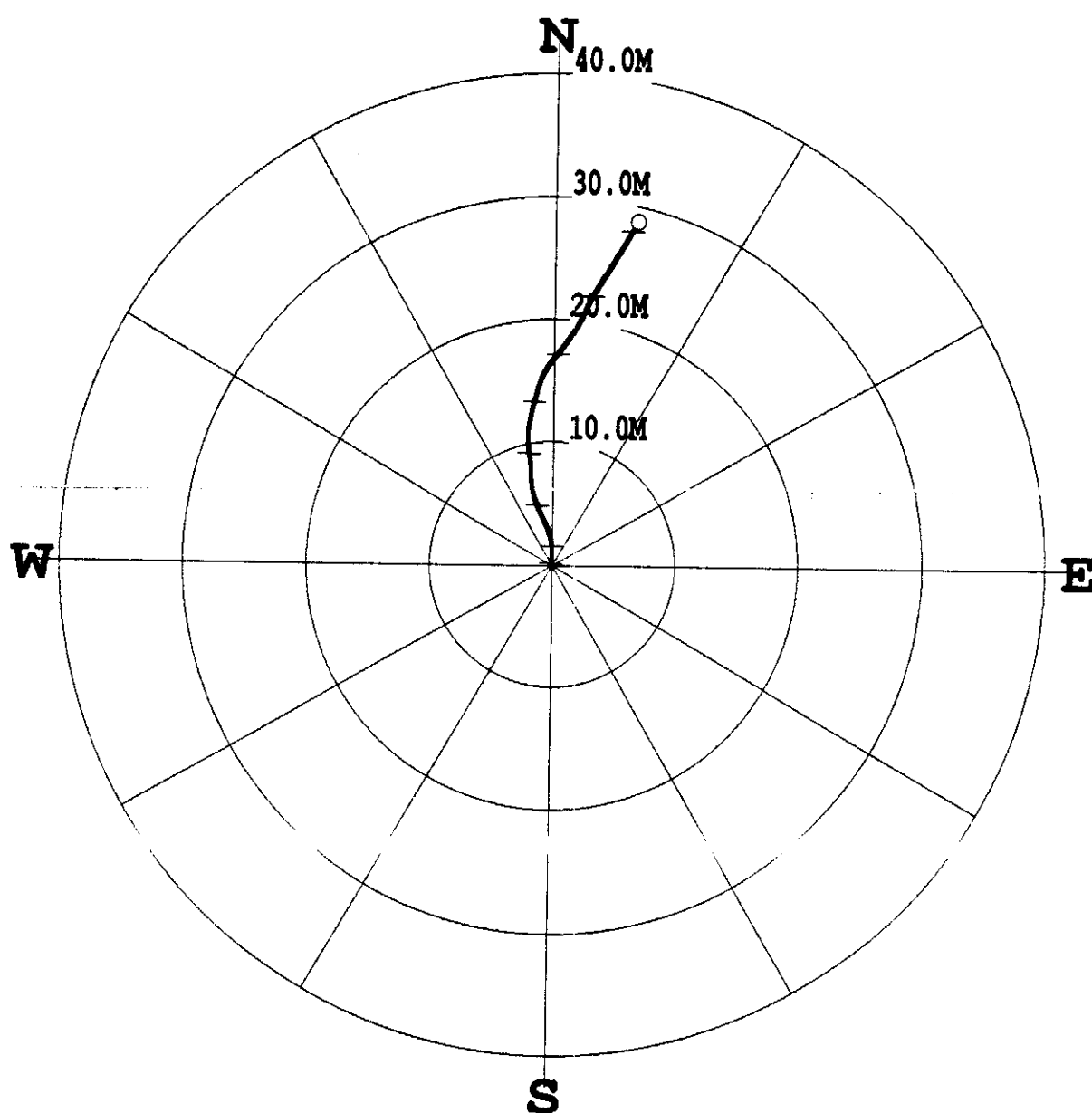
PLAN VIEW COMPU-LOG DEVIATION

#873

CLIENT: FORDING COAL LTD
 LOCATION: TURNBULL
 HOLE ID: 27-84
 DATE OF LOG: 11/10/01
 PROBE: 9055A 58



SCALE: 5 M/CM
 TRUE DEPTH: 407.42 M
 AZIMUTH: 13.5
 DISTANCE: 28.8 M
 + = 50 M INCR
 ○ = BOTTOM OF HOLE



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

CLIENT : FORDING COAL LTD HOLE ID. : 27-84
 FIELD OFFICE : TULSA, OK. DATE OF LOG : 11/10/01
 DATA FROM : PROBE : 9055A , 58
 MAG. DECL. : 19.000 DEPTH UNITS : METERS
 LOG: 27-84_11-10-01_06-54_9055A_.02_29.03_408.87_DEVI.log

CABLE DEPTH	TRUE DEPTH	NORTH DEV.	EAST DEV.	DISTANCE	AZIMUTH	SANG	SANGB
30.0	29.99	0.00	-0.00	0.0	308.0	0.3	331.8
40.0	39.99	0.06	-0.05	0.1	319.9	0.6	320.1
50.0	49.99	0.17	-0.07	0.2	337.8	0.8	7.1
60.0	59.99	0.33	-0.05	0.3	351.4	1.2	13.8
70.0	69.98	0.57	-0.01	0.6	358.6	1.8	7.0
80.0	79.98	0.87	0.03	0.9	2.2	1.7	6.7
90.0	89.97	1.19	0.04	1.2	1.8	2.3	338.4
100.0	99.97	1.60	0.01	1.6	0.2	2.5	350.7
110.0	109.95	2.09	-0.09	2.1	357.6	3.1	346.5
120.0	119.93	2.69	-0.26	2.7	354.4	3.9	340.8
130.0	129.90	3.41	-0.54	3.4	351.0	4.7	338.5
140.0	139.87	4.15	-0.90	4.2	347.8	4.9	333.3
150.0	149.84	4.90	-1.25	5.1	345.7	5.2	339.3
160.0	159.80	5.73	-1.54	5.9	344.9	5.0	345.0
170.0	169.76	6.55	-1.74	6.8	345.2	4.9	351.4
180.0	179.72	7.39	-1.81	7.6	346.3	4.9	355.9
190.0	189.69	8.20	-1.82	8.4	347.5	4.5	0.4
200.0	199.66	9.04	-1.94	9.2	347.9	5.0	350.5
210.0	209.62	9.89	-2.05	10.1	348.3	4.8	356.8
220.0	219.58	10.75	-2.06	10.9	349.1	4.6	356.3
230.0	229.54	11.62	-1.93	11.8	350.5	5.1	9.1
240.0	239.50	12.47	-1.77	12.6	351.9	4.6	8.9
250.0	249.47	13.26	-1.57	13.4	353.2	4.6	13.2
260.0	259.44	14.04	-1.35	14.1	354.5	4.5	14.3
270.0	269.40	14.84	-1.12	14.9	355.7	4.7	19.3
280.0	279.37	15.63	-0.79	15.6	357.1	4.7	30.6
290.0	289.33	16.36	-0.33	16.4	358.9	5.1	35.2
300.0	299.28	17.12	0.26	17.1	0.9	6.1	40.9
310.0	309.22	17.98	0.94	18.0	3.0	6.3	36.6
320.0	319.16	18.88	1.57	18.9	4.7	6.2	33.6
330.0	329.10	19.80	2.12	19.9	6.1	6.1	29.0
340.0	339.05	20.76	2.60	20.9	7.1	6.2	24.4
350.0	348.98	21.77	3.10	22.0	8.1	6.5	28.0
360.0	358.91	22.79	3.69	23.1	9.2	6.7	30.5
370.0	368.84	23.82	4.34	24.2	10.3	7.1	33.1
380.0	378.76	24.87	4.98	25.4	11.3	7.2	29.9
390.0	388.68	25.99	5.63	26.6	12.2	7.3	29.4
400.0	398.60	27.04	6.24	27.8	13.0	6.7	30.2
408.9	407.38	27.95	6.73	28.7	13.5	6.6	28.5