GAS & FUEL CORPORATION

Company	: GAS AND FUEL EXPLORATION N.L.
Well	: INGLEBY - 1
Field	: WILDCAT
Nation	: AUSTRALIA
State	: VICTORIA
Location	: PEP100
Latitude	: 38 18' 53.6"
Longitude	: 143 47' 44.8"EADDSBBAC
Permanent Datum	: SEA LEVEL
Elevation of PD	: 0.0

Software by Crocker Data Processing Pty Ltd
Program revision no. 3.20 1 May 1989

Hole depth M	Temperature C	Gradient Deg C / 100 M
326.0	31.00	3.3742
0.0	20.00	

Log data

Column Position	Logs Available	Logs Used
1	DEPT	DEPT
2	CALI	CALI
3	GR	GR
4	NPHI	NPHI
5	RHOB	RHOB
6	DRHO	DRHO
7	SP	SP
8	LLS	LLS
9	LLD	LLD
10	MSFL	MSFL
11	DT	DT
12	MSFL	*IrJ*
13	DT	
14		
15		*LLM@*
16		*IrJq*
17		
18		@
19		*LLM=*
20		*q*

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Logs recorded by     : B.P.B.
Caliper recorded in  : Inches
Mud weight units     : Lbs/gal
Mud type             : KCl
Formation water type: NaCl
Density log units    : g/cc
DRHO    log units    : g/cc
Sonic   log units    : Us/M
Neutron log type     : Compensated
Neutron log units    : LS %
Density tool type    : FDC
Density-CNL Chart    : 1988
RHO (H,MA,f)  units  : g/cc
Dens. X-plots units  : g/cc


VCL from GR EQUATION: 0

 Vclay equation
    IGR = (GR-GRmin)/(GRmax-GRmin)
0 : VGR = IGR
1 : VGR = 0.33*(2**(2*IGR)-1.0)   OLD ROCKS
2 : VGR = 0.083*(2**(3.7*IGR)-1.0) TERTIARY ROCKS
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COMPLEX LITHOLOGY RESULTS

Lithology models

1.	Sand-Dolomite	2.62	to	2.89
2.	Sand-Limestone	2.62	to	2.75
3.	Sand	2.63	to	2.69
4.	Limestone	2.67	to	2.75
5.	Dolomite	2.75	to	2.89
6.	Limestone-Dolomite	2.68	to	2.89

Mineral table

		RHOB MIN	RHOB MAX	PHIN MIN	PHIN MAX	GR MIN	GR MAX	t MIN	t MAX	RT MIN	RT MAX
1.	Salt		2.150		0.020		30.000	213.255	229.659	100.000	
2.	Volcanics	1.800	2.800	0.180	0.610	30.000	90.000				
3.	Anhydrite	2.920			0.020		20.000	157.480	170.604	100.000	
4.	Gypsum	2.300	2.400	0.450			20.000	164.042	180.446	100.000	
5.	Coal		2.000	0.500				328.084	500.000		10.000

Recommended saturation equations

1. Schlumberger Koil = 62500 * PHIE**6.0 / SWiir**2.0
2. Timur Koil = 8581 * PHIE**4.4 / SWiir**2.0
   Kgas = 0.1 * Koil

Where PHIE is in decimal and K is in md

CPX flag values

1. VCL greater than 0.95
2. VN greater than 0.75
3. VS greater than 0.75
4. Bad hole condition
5. Matrix density greater than Lithological model
6. Matrix density less than Lithological model
7. Porosity derived from Sonic Log
8. Porosity derived from or limited by PHIMAX
9. Porosity derived from Density Log

$. Pay zone

Water saturation equations

1. Indonesia
2. Simandoux
3. Fertl & Hammock
4. Laminar
5. Bussian
6. User defined

Zone no. 1 Depth interval 70.0 to 222.0

Logs available DEPT CALI GR NPHI RHOB DRHO SP LLS LLD MSFL DT *IrJ* *LLM@ IrJq @ LLM= q*

Zone no. 2 Depth interval 222.0 to 240.0

Logs available DEPT CALI GR NPHI RHOB DRHO SP LLS LLD MSFL DT *IrJ* *LLM@ IrJq @ LLM= q*

Zone no. 3 Depth interval 240.0 to 325.1

Logs available DEPT CALI GR NPHI RHOB DRHO SP LLS LLD MSFL DT *IrJ* *LLM@ IrJq @ LLM= q*

	Zone no.	1	2	3
1.	Depth high	69.952	222.047	240.030
2.	Depth low	222.047	240.030	325.069
3.	No logs			
4.	RM	0.290	0.290	0.290
5.	Temp. RM	20.300	20.300	20.300
6.	RMF	0.250	0.250	0.250
7.	Temp. RMF	19.700	19.700	19.700
8.	RMC	0.430	0.430	0.430
9.	Temp. RMC	21.800	21.800	21.800
10.	Bit size	8.500	8.500	8.500
11.	Mud wt	9.400	9.400	9.400
12.	SSP	30.000	30.000	-25.000
13.	FT=Form temp	24.926	27.796	29.534
14.	RW @ FT	1.990	1.990	1.990
15.	KPPM (RW)	2.639	2.477	2.388
16.	RMF @ FT	0.222	0.209	0.202
17.	KPPM (RMF)	27.816	27.816	27.816
18.	RM @ FT	0.261	0.246	0.238
19.	RHO H	0.800	0.800	0.800
20.	RHO F	1.020	1.019	1.018
21.	t F	620.054	620.054	620.054
22.	RHOMA	2.650	2.650	2.650
23.	PHIN min	-0.035	-0.035	-0.035
24.	t MA	182.000	182.000	182.000
25.	t MA min	157.000	157.000	157.000
26.	Sonic option	1.000	1.000	0.000
27.	Compact fact	4.700	4.700	1.000
28.	CAL cut off	9.500	9.500	8.800
29.	RUGO.cut off	1.000	1.000	1.000
30.	DRHO cut off	0.150	0.150	0.150
31.	No clay	SP	SP	DN
		SD	SD	MN
		MN	MN	SD
		S	S	S
32.	GR clean	50.000	50.000	35.000
33.	GR clay	90.000	90.000	100.000
34.	R clay	7.000	7.000	8.000
35.	R limit	1000.000	1000.000	1000.000
36.	RHOB clay	2.050	2.050	2.300
37.	PHIN clay	0.520	0.520	0.450
38.	t clay	470.000	470.000	400.000
39.	M clay	0.444	0.444	0.523
40.	N clay	0.466	0.466	0.429
41.	PHIN 2.2	0.235	0.235	0.235
42.	t 2.2	295.276	295.276	295.276
43.	COER (a)	0.620	0.620	0.620
44.	MXP (m)	2.150	2.150	2.150
45.	SXP (n)	2.000	2.000	2.000
46.	Lithomod	1.000	1.000	1.000
47.	SXO limit	0.200	0.200	0.200
48.	PHI max	0.500	0.500	0.300
49.	EXPX	1.500	1.500	1.500
50.	Clay cut off	1.000	1.000	0.300
51.	Por. cut off	0.050	0.050	0.050
52.	SW cut off	0.500	0.500	0.500
53.	Sat Equation	1.000	1.000	1.000
54.	SWirr.	0.500	0.500	0.500
55.	Perm Expon.	6.000	6.000	6.000
56.	PERM K coef	62500.000	62500.000	62500.000

57. RHOMA 1	2.650	2.650	2.650
58. RHOMA 2	2.710	2.710	2.710
59. RHOMA 3	2.850	2.850	2.850
60. UMA 1	4.800	4.800	4.800
61. UMA 2	13.760	13.760	13.760
62. UMA 3	8.970	8.970	8.970
63. UF	0.400	0.400	0.400
64. UMACL	8.000	8.000	8.000

Zone No. 1 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
70.0	67	5.7	3.0	52.5	1.928	0.2	0.0	97.9	64.3	49.3	41.8	GR	2.722	97.9	97.9	29.1	2.764	0.00	0.00	8
70.4	73	6.0	1.7	51.6	1.897	0.2	0.0	95.5	93.3	49.3	50.8	DN	2.647	95.5	95.5	24.6	2.741	0.00	0.00	8
70.9	80	5.1	2.0	53.5	1.892	0.8	0.0	104.5	94.3	49.4	59.2	DN	2.645	100.0	100.0	20.4	2.753	0.00	0.00	8
71.3	75	4.9	1.9	49.2	1.902	0.6	0.0	105.4	79.7	49.3	39.8	DN	2.648	100.0	100.0	30.1	2.723	0.00	0.00	8
71.8	69	4.7	1.8	51.9	1.929	0.5	0.0	108.4	87.0	49.3	48.2	GR	2.700	100.0	100.0	25.9	2.760	0.00	0.00	8
72.2	72	4.3	1.4	53.8	1.891	1.7		132.6	139.4	49.2	55.1	GR	2.650	100.0	100.0	15.0	2.744	0.00	0.00	4 78
72.7	75	3.9	1.4	52.5	1.889	1.1		140.3	160.3	49.1	62.5	GR	2.650	100.0	100.0	11.5	2.757	0.00	0.00	4 78
73.2	74	4.3	1.7	52.4	1.904	0.2	0.0	113.6	99.5	49.0	57.0	DN	2.646	100.0	100.0	21.5	2.751	0.00	0.00	8
73.6	65	4.5	1.3	50.2	1.901	0.2	0.0	110.2	90.9	49.0	36.4	GR	2.674	100.0	100.0	31.8	2.731	0.00	0.00	8
74.1	73	4.7	1.3	51.4	1.891	0.4	0.0	107.6	102.4	48.9	48.2	DN	2.647	100.0	100.0	25.9	2.737	0.00	0.00	8
74.5	75	4.7	1.5	52.8	1.893	0.3	0.0	108.1	104.3	48.9	55.6	DN	2.646	100.0	100.0	22.2	2.748	0.00	0.00	8
75.0	76	5.0	1.6	53.4	1.891	0.1	0.0	104.9	103.3	50.5	58.2	DN	2.645	100.0	100.0	20.9	2.752	0.00	0.00	8
75.4	79	5.3	1.8	53.0	1.891	0.6	0.0	101.9	96.4	51.1	56.2	DN	2.645	100.0	100.0	21.9	2.749	0.00	0.00	8
75.9	80	5.7	2.2	46.4	1.901	0.3	0.0	99.5	65.7	50.9	25.2	DN	2.649	99.5	99.5	36.7	2.696	0.00	0.00	
76.4	78	6.5	1.4	50.7	1.952	0.2	0.0	92.9	116.7	49.2	63.0	DN	2.648	98.5	92.9	18.5	2.763	0.00	0.00	8
76.8	70	6.5	1.3	50.4	1.867	0.1	0.0	91.4	89.9	48.9	35.5	DN	2.647	91.4	91.4	32.3	2.715	0.00	0.00	8
77.3	80	6.1	1.3	52.2	1.892	0.4	0.0	94.6	109.7	48.9	52.3	DN	2.646	98.9	94.6	23.8	2.743	0.00	0.00	8
77.7	74	5.9	1.9	54.9	1.911	0.8	0.0	97.2	98.3	49.3	60.4	GR	2.704	98.3	97.2	19.8	2.771	0.00	0.00	8
78.2	79	5.6	2.2	55.6	1.912	0.0	0.0	116.5	145.4	50.3	72.9	GR	2.650	100.0	100.0	7.0	2.776	0.00	0.00	8
78.6	67	6.0	1.1	54.7	1.975	-0.3	0.0	95.5	105.1	50.9	42.5	GR	2.786	99.1	95.5	28.6	2.800	0.00	0.00	
79.1	77	6.6	1.5	51.7	2.121	-0.1	0.0	102.3	146.5	51.2	66.7	GR	2.920	100.0	100.0	11.8	2.854	0.00	0.00	5
79.6	81	6.6	1.9	49.9	1.915	0.7	0.0	91.1	85.6	51.1	47.9	DN	2.648	91.1	91.1	26.1	2.737	0.00	0.00	8
80.0	71	5.9	1.4	54.1	1.938	0.7	0.0	96.7	103.6	50.5	51.4	GR	2.738	99.3	96.7	24.3	2.779	0.00	0.00	8
80.5	74	5.7	1.5	52.5	1.947	0.9	0.0	98.6	110.5	50.2	60.9	GR	2.697	99.7	98.6	19.6	2.773	0.00	0.00	8
80.9	68	5.4	1.6	49.5	1.934	0.3	0.0	100.3	92.5	51.0	46.1	GR	2.667	100.0	100.0	26.9	2.743	0.00	0.00	8
81.4	67	5.3	1.8	53.4	1.915	0.1	0.0	101.7	83.6	51.6	42.4	GR	2.723	100.0	100.0	28.8	2.764	0.00	0.00	8
81.8	69	5.5	1.7	53.7	2.052	0.4	0.0	106.2	100.7	49.6	48.6	GR	2.837	100.0	100.0	22.7	2.830	0.00	0.00	
82.3	75	5.9	1.9	54.7	1.928	1.3		114.3	134.1	49.2	61.3	GR	2.650	100.0	100.0	12.0	2.755	0.00	0.00	4 78
82.8	74	5.4	1.7	48.5	1.905	0.7	0.0	100.8	82.5	49.3	37.4	DN	2.649	100.0	100.0	31.3	2.718	0.00	0.00	8
83.2	85	5.6	1.6	52.2	1.906	1.2		115.7	200.4	49.4	88.3	GR	2.650	100.0	100.0	2.0	2.801	0.00	0.00	4 78
83.7	74	5.7	1.3	50.8	1.900	0.9	0.0	97.9	101.1	49.4	47.8	DN	2.647	99.6	97.9	26.1	2.736	0.00	0.00	8
84.1	76	5.6	1.3	50.7	1.906	0.9	0.0	98.7	103.7	49.4	48.9	DN	2.647	99.7	98.7	25.5	2.738	0.00	0.00	8
84.6	69	5.6	1.2	53.6	1.908	1.1		116.0	132.0	49.4	46.4	GR	2.650	100.0	100.0	19.6	2.729	0.00	0.00	4 78
85.0	76	5.6	1.3	51.8	1.916	1.2		117.3	168.6	49.4	63.9	GR	2.650	100.0	100.0	10.8	2.759	0.00	0.00	4 78
85.5	81	5.4	1.4	51.3	1.891	1.4		118.3	197.9	49.4	78.5	GR	2.650	100.0	100.0	5.0	2.784	0.00	0.00	4 78
86.0	83	5.3	1.2	51.2	1.906	1.1		120.0	217.9	49.4	83.1	GR	2.650	100.0	100.0	3.5	2.792	0.00	0.00	4 78
86.4	80	5.6	1.5	54.0	1.912	0.6	0.0	101.4	123.7	49.4	67.9	DN	2.644	100.0	100.0	16.1	2.766	0.00	0.00	8
86.9	77	5.5	1.6	54.6	1.818	1.8		118.5	160.8	49.4	67.9	GR	2.650	100.0	100.0	9.1	2.766	0.00	0.00	4 78
87.3	84	4.7	0.7	53.4	1.925	1.7		126.8	287.5	49.4	84.4	GR	2.650	100.0	100.0	3.1	2.794	0.00	0.00	4 78
87.8	81	5.1	1.9	55.2	1.887	0.6	0.0	105.0	106.3	49.4	66.0	DN	2.642	100.0	100.0	17.0	2.762	0.00	0.00	8
88.2	81	5.7	1.5	52.3	1.870	0.4	0.0	97.6	94.2	49.4	45.9	DN	2.646	97.6	97.6	27.0	2.732	0.00	0.00	8
88.7	78	5.8	1.1	46.2	1.935	1.2		115.2	193.5	49.2	69.8	GR	2.650	100.0	100.0	8.3	2.769	0.00	0.00	4 78
89.2	80	5.8	1.1	52.7	1.823	2.2		114.8	213.3	49.1	74.4	GR	2.650	100.0	100.0	6.5	2.777	0.00	0.00	4 78
89.6	76	5.1	0.9	52.6	1.903	2.2		123.0	206.4	49.2	66.2	GR	2.650	100.0	100.0	9.8	2.763	0.00	0.00	4 78
90.1	78	5.3	1.3	55.7	1.955	1.8		119.8	182.4	49.2	70.8	GR	2.650	100.0	100.0	7.9	2.771	0.00	0.00	4 78
90.5	86	5.7	1.4	53.1	1.877	1.4		113.7	222.1	49.3	91.2	GR	2.650	100.0	100.0	1.3	2.806	0.00	0.00	4 78
91.0	76	4.9	0.7	55.5	1.917	0.5	0.0	107.5	164.5	49.4	63.8	GR	2.716	100.0	100.0	18.1	2.778	0.00	0.00	8
91.4	86	4.4	1.5	54.5	1.870	0.5	0.0	112.0	108.0	49.4	57.4	DN	2.644	100.0	100.0	21.3	2.749	0.00	0.00	8
91.9	84	4.1	1.0	55.9	1.886	0.7	0.0	118.1	151.8	49.4	69.5	DN	2.640	100.0	100.0	15.2	2.766	0.00	0.00	8
92.4	85	4.5	1.2	55.2	1.835	2.8		129.0	231.8	49.4	88.5	GR	2.650	100.0	100.0	2.0	2.801	0.00	0.00	4 78
92.8	80	4.3	0.7	52.2	1.884	1.6		133.5	263.4	49.4	74.9	GR	2.650	100.0	100.0	6.3	2.778	0.00	0.00	4 78
93.3	87	4.6	0.7	51.6	1.888	1.2		126.1	322.7	49.4	93.4	GR	2.650	100.0	100.0	0.9	2.810	0.00	0.00	4 78
93.7	84	4.9	0.9	51.9	1.942	0.5	0.0	108.0	152.6	49.4	66.1	DN	2.647	100.0	100.0	17.0	2.766	0.00	0.00	8
94.2	77	4.9	1.6	59.3	1.894	0.4	0.0	107.5	119.0	49.5	68.3	GR	2.730	100.0	100.0	15.8	2.786	0.00	0.00	8
94.6	84	4.5	1.7	57.9	1.879	0.3	0.0	129.7	173.1	49.5	77.9	DN	2.650	100.0	100.0	5.2	2.774	0.00	0.00	8
95.1	78	4.4	1.7	57.5	1.885	0.4	0.0	114.5	117.2	49.5	70.0	GR	2.695	100.0	100.0	15.0	2.774	0.00	0.00	8

Zone No. 1 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
95.6	75	4.5	1.6	56.8	1.885	0.3	0.0	111.7	111.6	49.5	63.6	GR	2.702	100.0	100.0	18.2	2.771	0.00	0.00	8
96.0	79	4.7	1.8	59.6	1.835	0.4	0.0	127.4	158.8	49.6	72.4	GR	2.650	100.0	100.0	7.3	2.764	0.00	0.00	8
96.5	75	3.9	1.4	53.8	1.864	0.3	0.0	118.4	104.7	49.8	52.1	DN	2.645	100.0	100.0	24.0	2.742	0.00	0.00	8
96.9	73	4.5	1.7	59.0	1.841	0.3	0.0	110.8	98.6	49.9	57.1	GR	2.712	100.0	100.0	21.4	2.764	0.00	0.00	8
97.4	75	4.1	1.6	56.4	1.819	0.3	0.0	114.9	95.5	49.7	51.3	DN	2.642	100.0	100.0	24.4	2.738	0.00	0.00	8
97.8	78	3.6	1.3	55.1	1.759	0.5	0.0	123.0	83.1	49.7	26.3	DN	2.645	100.0	100.0	36.9	2.698	0.00	0.00	8
98.3	70	3.3	1.2	57.6	1.761	0.4	0.0	128.5	98.6	49.5	40.0	DN	2.642	100.0	100.0	30.0	2.721	0.00	0.00	8
98.8	68	3.4	1.3	56.0	1.800	0.3	0.0	126.9	97.6	49.4	43.8	DN	2.643	100.0	100.0	28.1	2.727	0.00	0.00	8
99.2	74	4.0	1.7	55.3	1.855	0.3	0.0	116.8	100.8	49.2	57.1	DN	2.643	100.0	100.0	21.4	2.748	0.00	0.00	8
99.7	80	5.2	2.1	53.3	1.905	0.4	0.0	103.5	95.9	49.3	62.1	DN	2.645	100.0	100.0	18.9	2.758	0.00	0.00	8
100.1	101	5.1	1.5	56.6	1.929	0.4	0.0	121.5	204.0	49.3	86.1	DN	2.650	100.0	100.0	2.6	2.789	0.00	0.00	8
100.6	92	5.9	2.5	57.5	1.898	0.3	0.0	113.4	151.6	49.3	81.6	DN	2.650	100.0	100.0	4.0	2.780	0.00	0.00	8
101.0	83	5.3	2.2	56.4	1.865	0.3	0.0	103.7	97.8	49.3	65.5	DN	2.640	100.0	100.0	17.3	2.759	0.00	0.00	8
101.5	84	4.5	1.8	55.5	1.830	0.4	0.0	110.8	90.4	49.3	50.5	DN	2.643	100.0	100.0	24.7	2.738	0.00	0.00	8
102.0	90	4.4	1.4	55.3	1.869	0.3	0.0	112.2	114.1	49.6	61.1	DN	2.642	100.0	100.0	19.4	2.754	0.00	0.00	8
102.4	89	4.8	2.1	61.6	1.841	0.3	0.0	125.4	171.5	51.5	84.8	DN	2.650	100.0	100.0	3.0	2.775	0.00	0.00	8
102.9	88	4.7	2.0	55.7	1.872	0.2	0.0	109.6	99.6	51.3	64.1	DN	2.641	100.0	100.0	18.0	2.758	0.00	0.00	8
103.3	87	5.6	2.5	53.0	1.915	0.2	0.0	99.7	89.4	51.4	63.4	DN	2.645	99.7	99.7	18.3	2.760	0.00	0.00	8
103.8	84	6.2	2.7	52.5	1.927	0.3	0.0	95.1	87.2	51.5	64.8	DN	2.646	95.1	95.1	17.6	2.763	0.00	0.00	8
104.2	88	6.4	2.8	51.8	1.928	0.4	0.0	93.4	82.8	50.1	61.5	DN	2.647	93.4	93.4	19.2	2.759	0.00	0.00	8
104.7	72	6.3	2.7	50.5	1.928	0.2	0.0	93.2	76.8	48.8	55.0	DN	2.648	93.2	93.2	22.5	2.749	0.00	0.00	8
105.2	83	6.4	2.7	53.6	1.931	0.3	0.0	109.6	129.4	49.0	71.6	DN	2.650	100.0	100.0	7.6	2.773	0.00	0.00	8
105.6	81	5.7	2.5	51.5	1.953	0.2	0.0	99.6	94.7	49.2	67.6	DN	2.647	99.6	99.6	16.2	2.769	0.00	0.00	8
106.1	94	4.7	2.6	54.8	1.884	0.9	0.0	109.4	86.7	49.3	63.1	DN	2.643	100.0	100.0	18.5	2.758	0.00	0.00	8
106.5	82	3.2	1.4	54.0	1.914	0.3	0.0	133.4	128.0	49.4	68.4	DN	2.643	100.0	100.0	15.8	2.767	0.00	0.00	8
107.0	81	4.1	1.9	50.4	1.904	0.2	0.0	115.8	84.3	49.5	46.9	DN	2.648	100.0	100.0	26.5	2.735	0.00	0.00	8
107.4	78	3.2	1.6	52.5	1.872	0.5	0.0	130.4	92.4	49.4	47.8	DN	2.646	100.0	100.0	26.1	2.735	0.00	0.00	8
107.9	88	3.0	1.6	54.5	1.869	0.6	0.0	136.7	104.4	49.5	57.0	DN	2.644	100.0	100.0	21.5	2.749	0.00	0.00	8
108.4	85	3.2	1.3	56.6	1.875	0.3	0.0	134.9	136.4	49.4	69.9	DN	2.638	100.0	100.0	15.0	2.765	0.00	0.00	8
108.8	90	2.7	1.2	51.8	1.902	1.3				49.3	99.2	GR	2.650	100.0	100.0	0.0	2.820	0.00	0.00 1 4	
109.3	94	3.6	1.2	54.2	1.923	1.4				49.4	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00 1 4	
109.7	90	4.9	1.4	51.0	1.955	1.0				49.5	98.2	N	2.650	100.0	100.0	0.0	2.818	0.00	0.00 1 4	
110.2	76	5.9	2.1	48.0	1.990	1.1		113.7	131.7	49.1	64.0	GR	2.650	100.0	100.0	10.8	2.759	0.00	0.00 4	78
110.6	84	5.9	1.4	51.1	1.959	1.3		113.4	208.3	49.1	84.6	GR	2.650	100.0	100.0	3.0	2.795	0.00	0.00 4	78
111.1	80	5.7	1.3	51.1	1.854	0.5	0.0	97.8	89.9	49.0	35.2	DN	2.647	97.8	97.8	32.4	2.714	0.00	0.00	8
111.6	82	6.2	1.8	52.4	1.988	1.0		110.4	175.6	48.9	79.9	GR	2.650	100.0	100.0	4.5	2.787	0.00	0.00 4	78
112.0	91	5.1	1.8	52.5	1.971	1.1				49.2	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00 1 4	
112.5	88	4.2	1.5	54.3	1.998	1.3		100.0	100.0	49.2	94.0	GR	2.650	100.0	100.0	0.7	2.811	0.00	0.00 4	78
112.9	81	4.6	2.4	55.7	1.890	2.1		129.3	148.0	49.4	78.2	GR	2.650	100.0	100.0	5.1	2.784	0.00	0.00 4	78
113.4	85	4.0	1.6	54.8	1.849	1.9		137.1	203.1	49.5	87.9	GR	2.650	100.0	100.0	2.1	2.800	0.00	0.00 4	78
113.8	84	3.2	1.2	54.8	1.876	1.7		152.7	223.5	49.5	85.5	GR	2.650	100.0	100.0	2.8	2.796	0.00	0.00 4	78
114.3	86	3.4	1.1	54.4	1.881	1.8		147.6	240.7	49.6	90.0	GR	2.650	100.0	100.0	1.6	2.804	0.00	0.00 4	78
114.8	91	3.2	1.5	54.5	1.878	1.1				49.6	100.0	GR	2.650	100.0	100.0	0.0	2.821	0.00	0.00 1 4	
115.2	87	3.0	1.4	59.2	1.898	1.2		157.7	221.5	49.5	91.3	GR	2.650	100.0	100.0	1.3	2.806	0.00	0.00 4	78
115.7	92	2.9	1.6	55.4	1.902	0.9	0.0	161.8	166.3	49.3	72.1	DN	2.650	100.0	100.0	7.4	2.770	0.00	0.00	8
116.1	90	3.3	1.4	55.8	1.982	1.7				49.0	100.0	GR	2.650	100.0	100.0	0.0	2.821	0.00	0.00 1 4	
116.6	88	4.3	2.0	57.2	1.945	1.5				48.9	95.7	GR	2.650	100.0	100.0	0.0	2.814	0.00	0.00 1 4	
117.0	88	4.8	2.0	59.7	1.875	2.9				45.6	95.8	GR	2.650	100.0	100.0	0.0	2.814	0.00	0.00 1 4	
117.5	91	3.9	1.2	57.0	1.918	2.3				44.7	100.0	GR	2.650	100.0	100.0	0.0	2.821	0.00	0.00 1 4	
118.0	87	3.6	1.2	56.7	2.114	0.8		141.9	242.8	47.1	93.3	GR	2.650	100.0	100.0	0.9	2.810	0.00	0.00 4	78
118.4	95	5.3	2.0	54.6	2.006	0.2	0.0			48.7	99.8	DN	2.650	100.0	100.0	0.0	2.813	0.00	0.00 1	
118.9	83	7.4	1.6	52.5	2.095	0.5	0.0	101.1	189.4	49.7	83.2	GR	2.650	100.0	100.0	3.4	2.845	0.00	0.00	8
119.3	106	9.2	1.9	56.6	1.978	0.8	0.0			50.1	100.0	DN	2.650	100.0	100.0	0.0	2.810	0.00	0.00 1	
119.8	91	8.9	2.0	55.1	2.003	0.2	0.0			50.8	100.0	DN	2.650	100.0	100.0	0.0	2.814	0.00	0.00 1	
120.2	71	9.4	2.4	53.6	1.986	0.5	0.0	76.7	80.9	49.9	53.0	GR	2.776	80.9	76.7	23.4	2.799	0.00	0.00	
120.7	81	7.3	2.1	51.3	1.910	2.2		102.3	160.0	49.5	78.0	GR	2.650	100.0	100.0	5.2	2.783	0.00	0.00 4	78

Zone No. 1 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
121.2	85	5.6	3.2	49.9	1.973	2.9		115.3	142.8	48.8	87.9	GR	2.650	100.0	100.0	2.1	2.800	0.00	0.00	4 78
121.6	86	5.8	3.4	51.3	2.019	1.9		113.4	138.0	49.9	89.0	GR	2.650	100.0	100.0	1.8	2.802	0.00	0.00	4 78
122.1	84	7.2	3.3	52.3	2.018	2.3		102.6	136.3	51.3	84.5	GR	2.650	100.0	100.0	3.0	2.795	0.00	0.00	4 78
122.5	88	7.1	4.4	48.5	1.956	2.0				51.1	93.6	N	2.650	100.0	100.0	0.0	2.810	0.00	0.00	2 4
123.0	82	6.7	2.5	49.6	2.017	1.5		106.7	146.4	51.7	78.8	GR	2.650	100.0	100.0	4.9	2.785	0.00	0.00	4 78
123.4	78	6.2	1.4	56.2	1.853	1.1		110.9	170.5	51.6	69.0	GR	2.650	100.0	100.0	8.6	2.768	0.00	0.00	4 78
123.9	83	5.6	1.5	54.5	1.988	1.6		116.4	199.8	51.4	82.4	GR	2.650	100.0	100.0	3.7	2.791	0.00	0.00	4 78
124.4	82	5.4	1.4	54.3	1.998	2.4		118.8	198.0	51.5	79.2	GR	2.650	100.0	100.0	4.7	2.785	0.00	0.00	4 78
124.8	79	5.3	2.6	51.1	1.999	2.4		120.3	134.2	51.2	73.0	GR	2.650	100.0	100.0	7.0	2.775	0.00	0.00	4 78
125.3	77	5.5	2.6	51.5	1.998	1.8		118.1	125.0	51.4	68.7	GR	2.650	100.0	100.0	8.8	2.767	0.00	0.00	4 78
125.7	81	6.7	3.4	53.9	1.993	1.0	0.0	106.9	126.1	51.7	78.6	GR	2.650	100.0	100.0	4.9	2.804	0.00	0.00	8
126.2	78	6.3	3.1	51.2	1.975	0.5	0.0	110.0	117.8	50.1	70.8	GR	2.650	100.0	100.0	7.9	2.779	0.00	0.00	8
126.6	80	6.1	2.7	56.2	1.905	1.4		111.6	136.0	49.2	75.8	GR	2.650	100.0	100.0	5.9	2.780	0.00	0.00	4 78
127.1	87	5.0	2.2	56.0	1.950	2.0		121.9	175.8	49.3	91.5	GR	2.650	100.0	100.0	1.2	2.806	0.00	0.00	4 78
127.6	101	3.3	1.8	53.5	1.903	3.5				49.3	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
128.0	107	3.3	1.9	54.5	1.864	2.8				49.3	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
128.5	88	3.6	2.1	55.8	1.944	2.9		100.0	100.0	49.4	94.6	GR	2.650	100.0	100.0	0.6	2.812	0.00	0.00	4 78
128.9	91	3.9	2.4	54.6	1.933	2.5				49.4	100.0	GR	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
129.4	88	3.8	2.3	49.7	1.928	2.1		100.0	100.0	49.4	94.2	GR	2.650	100.0	100.0	0.7	2.811	0.00	0.00	4 78
129.8	87	3.7	2.1	54.3	1.874	1.6		141.8	179.6	49.4	91.5	GR	2.650	100.0	100.0	1.2	2.806	0.00	0.00	4 78
130.3	79	3.4	2.0	53.8	1.856	1.1		150.5	152.6	49.4	72.8	GR	2.650	100.0	100.0	7.1	2.774	0.00	0.00	4 78
130.8	83	3.0	1.4	52.7	1.911	0.6		159.3	205.0	49.4	81.9	GR	2.650	100.0	100.0	3.8	2.790	0.00	0.00	4 78
131.2	86	3.7	1.9	56.3	1.953	1.8		141.5	187.9	49.4	91.0	GR	2.650	100.0	100.0	1.4	2.806	0.00	0.00	4 78
131.7	81	3.4	1.9	55.6	1.884	2.0		148.9	162.4	51.2	76.6	GR	2.650	100.0	100.0	5.6	2.781	0.00	0.00	4 78
132.1	80	3.3	1.7	55.1	1.854	1.1		151.6	166.7	51.9	74.3	GR	2.650	100.0	100.0	6.5	2.777	0.00	0.00	4 78
132.6	87	3.0	1.6	57.6	1.899	0.9		156.0	205.2	51.5	93.0	GR	2.650	100.0	100.0	0.9	2.809	0.00	0.00	4 78
133.0	85	3.3	2.1	56.4	1.919	1.7		151.7	173.2	51.4	86.9	GR	2.650	100.0	100.0	2.4	2.799	0.00	0.00	4 78
133.5	96	4.2	2.8	55.8	1.997	2.3				51.3	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
134.0	83	4.9	3.3	54.0	1.960	1.8		123.6	134.4	51.3	83.2	GR	2.650	100.0	100.0	3.5	2.792	0.00	0.00	4 78
134.4	90	5.3	3.7	52.0	1.994	2.2				51.3	99.4	GR	2.650	100.0	100.0	0.0	2.820	0.00	0.00	1 4
134.9	96	5.5	3.0	51.9	1.974	2.3				51.6	99.9	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
135.3	87	5.7	2.4	51.3	1.957	0.9	0.0	99.9	97.2	50.4	67.9	DN	2.647	99.9	99.9	16.1	2.770	0.00	0.00	8
135.8	89	5.7	1.4	53.8	1.952	1.9				49.2	97.8	GR	2.650	100.0	100.0	0.0	2.817	0.00	0.00	1 4
136.2	94	4.9	1.8	57.0	1.909	2.6				49.3	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
136.7	92	4.2	1.4	55.2	1.860	2.9				49.6	100.0	GR	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
137.2	89	3.3	1.3	54.7	1.872	1.4				49.5	96.4	GR	2.650	100.0	100.0	0.0	2.815	0.00	0.00	1 4
137.6	88	3.2	1.2	56.9	1.836	2.1		100.0	100.0	49.4	93.9	GR	2.650	100.0	100.0	0.8	2.811	0.00	0.00	4 78
138.1	78	2.8	0.9	54.3	1.987	0.4	0.0	143.3	165.2	49.5	69.5	GR	2.768	100.0	100.0	15.2	2.803	0.00	0.00	8
138.5	80	3.3	1.4	58.3	1.957	0.5	0.0	152.6	186.2	49.3	75.5	GR	2.650	100.0	100.0	6.1	2.808	0.00	0.00	8
139.0	72	3.8	2.1	56.7	1.955	0.1	0.0	121.0	87.4	49.2	54.4	GR	2.778	100.0	100.0	22.8	2.801	0.00	0.00	8
139.4	78	4.2	2.1	56.2	1.939	0.4	0.0	117.0	105.7	49.1	69.1	GR	2.740	100.0	100.0	15.4	2.791	0.00	0.00	8
139.9	75	3.8	1.7	54.5	1.967	1.6		141.2	143.5	49.3	62.9	GR	2.650	100.0	100.0	11.3	2.758	0.00	0.00	4 78
140.4	96	4.6	2.6	56.0	1.952	2.2				49.4	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
140.8	90	4.6	2.8	52.6	1.933	2.1				50.5	100.0	GR	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
141.3	86	3.4	1.6	57.2	1.866	1.7		146.8	202.0	50.3	89.9	GR	2.650	100.0	100.0	1.6	2.804	0.00	0.00	4 78
141.7	85	2.8	1.4	53.8	1.961	1.9		164.4	217.2	50.3	88.4	GR	2.650	100.0	100.0	2.0	2.801	0.00	0.00	4 78
142.2	81	2.9	1.4	49.4	1.856	2.1		161.1	196.4	51.0	78.6	GR	2.650	100.0	100.0	4.9	2.784	0.00	0.00	4 78
142.6	89	3.8	1.7	51.1	1.972	0.6	0.0	142.7	163.4	50.9	71.4	DN	2.650	100.0	100.0	7.6	2.776	0.00	0.00	8
143.1	83	6.2	4.8	50.8	2.021	0.7	0.0	110.9	109.1	51.1	81.6	GR	2.650	100.0	100.0	3.9	2.800	0.00	0.00	8
143.6	96	6.8	2.9	53.6	1.933	1.2				50.3	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
144.0	90	6.9	3.1	54.4	1.969	0.9	0.0	104.4	143.0	50.4	87.3	DN	2.650	100.0	100.0	2.3	2.795	0.00	0.00	8
144.5	78	6.0	1.9	53.6	2.123	0.3	0.0	107.8	135.2	51.7	69.0	GR	2.935	100.0	100.0	10.8	2.862	0.00	0.00	5
144.9	66	7.1	3.1	51.0	1.960	0.5	0.0	88.8	63.0	51.6	40.3	GR	2.731	88.8	88.8	29.1	2.769	0.00	0.00	
145.4	76	6.7	1.5	52.6	1.945	0.6	0.0	92.1	119.0	51.6	65.0	GR	2.679	98.4	92.1	17.5	2.773	0.00	0.00	8
145.8	73	6.7	2.0	50.6	1.956	1.5		106.2	121.0	51.0	56.4	GR	2.650	100.0	100.0	14.4	2.746	0.00	0.00	4 78
146.3	71	6.4	1.4	55.9	1.962	0.4	0.0	92.7	103.9	50.2	53.6	GR	2.777	98.5	92.7	23.2	2.800	0.00	0.00	8

Zone No. 1 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
146.8	71	6.2	2.2	56.6	1.973	0.3	0.0	94.4	82.7	46.6	52.4	GR	2.793	94.4	94.4	23.8	2.808	0.00	0.00	8
147.2	55	6.6	3.2	52.9	2.018	0.2	0.0	100.3	53.7	45.7	13.4	GR	2.809	100.0	100.0	39.2	2.810	0.00	0.00	
147.7	49	6.6	3.2	52.4	1.973	0.4	0.0	98.0	47.2	47.4	0.0	GR	2.785	98.0	98.0	46.7	2.785	0.00	0.00	
148.1	58	6.2	2.9	50.7	2.042	0.8	0.0	106.2	61.5	49.4	19.9	GR	2.806	100.0	100.0	35.0	2.810	0.00	0.00	
148.6	66	7.4	4.8	52.2	2.023	0.4	0.0	91.0	54.1	49.8	40.2	GR	2.801	91.0	91.0	27.2	2.809	0.00	0.00	
149.0	71	5.7	2.3	55.8	1.985	0.4	0.0	98.2	80.5	49.9	52.1	GR	2.796	98.2	98.2	23.9	2.809	0.00	0.00	8
149.5	66	5.2	2.3	53.4	1.920	0.6	0.0	102.0	71.3	49.4	39.5	GR	2.731	100.0	100.0	30.3	2.766	0.00	0.00	8
150.0	59	7.9	5.5	50.0	1.953	0.7	0.0	86.8	41.7	46.3	22.4	GR	2.737	86.8	86.8	36.9	2.758	0.00	0.00	
150.4	57	7.9	5.7	51.7	2.029	0.3	0.0	93.1	41.8	47.4	16.3	GR	2.807	93.1	93.1	37.3	2.809	0.00	0.00	
150.9	55	7.5	4.8	52.2	1.960	0.2	0.0	89.9	41.2	48.9	12.4	GR	2.772	89.9	89.9	41.7	2.778	0.00	0.00	
151.3	87	5.8	3.3	53.7	1.931	0.4	0.0	115.3	116.6	49.1	72.3	DN	2.650	100.0	100.0	7.3	2.773	0.00	0.00	8
151.8	109	4.6	1.6	54.6	1.831	0.7	0.0	108.5	91.3	49.7	46.0	DN	2.644	100.0	100.0	27.0	2.731	0.00	0.00	8
152.2	79	4.4	2.1	54.7	1.924	0.2	0.0	132.6	148.7	50.1	73.0	GR	2.650	100.0	100.0	7.0	2.776	0.00	0.00	8
152.7	78	4.7	2.1	55.1	1.965	0.2	0.0	128.3	143.0	50.7	70.9	GR	2.650	100.0	100.0	7.9	2.797	0.00	0.00	8
153.2	81	4.8	2.3	55.2	1.907	0.5		125.7	150.8	50.9	77.5	GR	2.650	100.0	100.0	5.4	2.782	0.00	0.00	4 78
153.6	87	4.8	1.9	51.0	1.807	0.3	0.0	106.8	67.2	50.7	20.3	DN	2.647	100.0	100.0	39.9	2.687	0.00	0.00	8
154.1	80	5.8	1.1	54.2	1.953	0.1	0.0	114.4	210.6	50.9	75.9	GR	2.650	100.0	100.0	5.9	2.787	0.00	0.00	8
154.5	81	5.8	1.8	51.4	2.006	0.0	0.0	114.5	172.5	51.4	77.7	GR	2.650	100.0	100.0	5.3	2.796	0.00	0.00	8
155.0	78	6.3	2.6	52.6	2.001	0.3	0.0	95.5	95.0	51.4	69.9	GR	2.753	95.5	95.5	15.0	2.800	0.00	0.00	8
155.4	84	5.5	3.0	53.2	2.004	0.6	0.0	116.7	142.5	51.7	85.1	GR	2.650	100.0	100.0	2.9	2.805	0.00	0.00	8
155.9	92	5.8	3.3	53.0	2.017	0.7	0.0	100.0	100.0	51.5	94.8	DN	2.650	100.0	100.0	0.6	2.810	0.00	0.00	8
156.4	80	6.6	3.2	54.9	1.995	-0.1	0.0	107.9	125.9	51.8	76.1	GR	2.650	100.0	100.0	5.8	2.810	0.00	0.00	8
156.8	89	5.8	2.9	51.4	2.002	0.3	0.0	114.8	141.9	51.8	82.1	DN	2.650	100.0	100.0	3.8	2.794	0.00	0.00	8
157.3	90	5.8	2.4	53.8	1.991	0.5	0.0	112.9	168.8	51.8	91.2	DN	2.650	100.0	100.0	1.3	2.802	0.00	0.00	8
157.7	94	6.2	2.1	53.6	2.009	0.0	0.0			51.9	95.4	DN	2.650	100.0	100.0	0.0	2.810	0.00	0.00	1
158.2	79	5.4	2.9	53.7	2.009	-0.1	0.0	119.4	125.9	51.8	73.2	GR	2.650	100.0	100.0	6.9	2.810	0.00	0.00	8
158.6	76	5.5	2.8	52.1	1.977	-0.1	0.0	101.4	85.0	51.5	64.5	GR	2.719	100.0	100.0	17.7	2.785	0.00	0.00	8
159.1	75	5.3	2.5	54.4	1.950	0.5	0.0	103.1	87.6	51.1	62.1	GR	2.738	100.0	100.0	18.9	2.787	0.00	0.00	8
159.6	72	5.0	1.8	54.8	1.989	0.3	0.0	105.0	97.2	51.0	56.1	GR	2.789	100.0	100.0	21.9	2.806	0.00	0.00	8
160.0	75	5.4	2.3	50.9	2.015	0.1	0.0	104.4	97.0	50.9	62.5	GR	2.753	100.0	100.0	17.4	2.797	0.00	0.00	
160.5	82	5.8	2.5	50.5	1.999	0.2	0.0	115.3	142.0	50.5	76.7	DN	2.650	100.0	100.0	5.6	2.786	0.00	0.00	8
160.9	84	5.5	2.7	52.3	1.983	0.0	0.0	117.5	143.9	50.6	81.0	DN	2.650	100.0	100.0	4.1	2.790	0.00	0.00	8
161.4	81	5.5	2.2	51.4	1.991	0.0	0.0	117.6	153.6	50.6	77.3	GR	2.650	100.0	100.0	5.4	2.788	0.00	0.00	8
161.8	80	6.2	2.2	51.9	1.990	0.3	0.0	111.5	148.1	50.6	74.8	GR	2.650	100.0	100.0	6.3	2.791	0.00	0.00	8
162.3	78	7.3	2.5	50.1	1.988	-0.1	0.0	89.1	95.9	50.9	68.8	GR	2.664	95.9	89.1	15.4	2.777	0.00	0.00	
162.8	81	7.4	2.6	51.6	1.988	0.0	0.0	101.7	141.6	51.0	77.9	GR	2.650	100.0	100.0	5.2	2.788	0.00	0.00	8
163.2	87	7.0	2.6	52.8	2.001	0.1	0.0	102.9	158.9	50.8	89.2	DN	2.650	100.0	100.0	1.8	2.802	0.00	0.00	8
163.7	79	5.6	3.0	52.8	2.020	0.5	0.0	116.7	125.0	51.0	73.1	GR	2.650	100.0	100.0	7.0	2.811	0.00	0.00	8
164.1	82	5.2	2.6	56.7	2.002	0.4	0.0	120.7	146.9	50.9	80.5	GR	2.650	100.0	100.0	4.3	2.821	0.00	0.00	8
164.6	75	4.5	2.4	54.3	1.998	0.3	0.0	111.2	90.9	50.6	63.7	GR	2.787	100.0	100.0	18.2	2.808	0.00	0.00	8
165.0	81	4.8	2.6	57.0	2.009	0.1	0.0	126.3	139.5	50.8	77.1	GR	2.650	100.0	100.0	5.5	2.824	0.00	0.00	8
165.5	91	5.7	3.9	53.7	2.041	0.3	0.0			50.5	100.0	GR	2.650	100.0	100.0	0.0	2.825	0.00	0.00	1
166.0	86	6.1	3.1	53.2	2.050	0.3	0.0	110.1	147.2	50.8	91.0	GR	2.650	100.0	100.0	1.4	2.827	0.00	0.00	8
166.4	91	7.2	4.2	49.7	2.072	0.2	0.0	100.0	100.0	50.8	95.0	DN	2.650	100.0	100.0	0.6	2.819	0.00	0.00	8
166.9	75	6.5	3.6	55.5	2.011	0.2	0.0	93.3	74.2	50.7	63.3	GR	2.812	93.3	93.3	18.1	2.820	0.00	0.00	
167.3	93	6.1	3.2	51.6	2.021	0.1	0.0	110.8	143.5	50.7	89.2	DN	2.650	100.0	100.0	1.8	2.805	0.00	0.00	8
167.8	89	6.3	3.8	50.2	2.035	0.4	0.0	109.4	128.3	50.6	86.0	DN	2.650	100.0	100.0	2.6	2.803	0.00	0.00	8
168.2	81	6.5	3.4	54.1	2.017	0.1	0.0	108.2	121.3	50.6	76.4	GR	2.650	100.0	100.0	5.7	2.816	0.00	0.00	8
168.7	95	6.0	3.3	51.8	2.042	0.3	0.0			50.6	96.4	DN	2.650	100.0	100.0	0.0	2.816	0.00	0.00	1
169.2	83	5.5	2.8	52.3	2.039	0.3	0.0	117.2	145.8	50.7	83.2	GR	2.650	100.0	100.0	3.4	2.817	0.00	0.00	8
169.6	89	6.2	3.6	50.5	2.042	0.2	0.0	109.4	135.8	50.9	90.1	DN	2.650	100.0	100.0	1.6	2.809	0.00	0.00	8
170.1	91	5.8	3.2	47.0	2.030	0.4	0.0	105.1	93.8	50.9	68.0	DN	2.652	100.0	100.0	13.0	2.776	0.00	0.00	
170.5	94	6.5	4.3	51.6	2.008	0.4	0.0	107.4	119.0	50.8	84.8	DN	2.650	100.0	100.0	2.9	2.798	0.00	0.00	8
171.0	88	6.4	3.9	54.1	1.959	0.2	0.0	108.6	123.3	50.7	83.0	DN	2.650	100.0	100.0	3.5	2.789	0.00	0.00	8
171.4	88	5.5	2.3	52.5	2.018	0.3	0.0	115.6	173.1	48.6	92.6	DN	2.650	100.0	100.0	1.0	2.808	0.00	0.00	8
171.9	92	5.8	3.0	55.0	2.045	0.4	0.0			47.1	100.0	GR	2.650	100.0	100.0	0.0	2.832	0.00	0.00	1

Zone No. 1 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
172.4	86	6.0	3.3	53.0	2.049	0.3	0.0	111.1	141.7	47.3	89.1	GR	2.650	100.0	100.0	1.8	2.826	0.00	0.00	8
172.8	93	5.7	3.2	55.8	2.017	0.6	0.0			48.2	100.0	GR	2.650	100.0	100.0	0.0	2.823	0.00	0.00	1
173.3	80	5.8	2.8	53.7	2.009	0.2	0.0	115.0	131.3	50.2	74.8	GR	2.650	100.0	100.0	6.3	2.810	0.00	0.00	8
173.7	78	6.1	3.8	49.9	2.000	0.2	0.0	98.5	80.4	50.3	69.5	GR	2.677	98.5	98.5	14.6	2.782	0.00	0.00	
174.2	82	6.3	3.4	51.6	2.001	0.1	0.0	109.6	125.8	50.6	79.1	GR	2.650	100.0	100.0	4.8	2.794	0.00	0.00	8
174.7	80	5.8	2.5	51.8	2.025	-0.2	0.0	114.7	140.7	50.5	76.1	GR	2.650	100.0	100.0	5.9	2.808	0.00	0.00	8
175.1	79	5.9	2.5	52.5	2.035	-0.1	0.0	114.1	135.3	50.6	72.1	GR	2.650	100.0	100.0	7.4	2.816	0.00	0.00	8
175.6	87	6.8	3.8	52.7	2.028	-0.1	0.0	103.6	134.9	50.5	93.1	GR	2.650	100.0	100.0	0.9	2.814	0.00	0.00	8
176.0	82	7.2	4.1	51.7	2.004	-0.2	0.0	102.6	117.7	50.5	81.0	GR	2.650	100.0	100.0	4.2	2.797	0.00	0.00	8
176.5	80	7.0	4.2	51.1	1.994	0.1	0.0	104.4	109.0	50.6	75.7	GR	2.650	100.0	100.0	6.0	2.787	0.00	0.00	8
176.9	84	6.5	3.5	50.3	1.990	0.1	0.0	108.3	115.2	49.2	72.9	DN	2.650	100.0	100.0	7.1	2.780	0.00	0.00	8
177.4	91	6.4	3.5	55.4	1.988	0.3	0.0			46.8	98.3	DN	2.650	100.0	100.0	0.0	2.809	0.00	0.00	1
177.9	77	6.3	3.4	50.0	2.010	-0.2	0.0	97.7	85.2	46.8	68.7	GR	2.700	97.7	97.7	14.5	2.788	0.00	0.00	
178.3	74	6.5	3.7	50.3	2.024	0.1	0.0	96.5	75.2	47.9	59.7	GR	2.758	96.5	96.5	18.1	2.798	0.00	0.00	
178.8	70	6.5	3.1	51.7	2.016	0.0	0.0	95.6	72.4	48.4	50.1	GR	2.784	95.6	95.6	23.0	2.803	0.00	0.00	
179.2	76	6.6	3.8	44.4	2.030	-0.1	0.0	100.8	76.7	47.8	54.8	DN	2.653	100.0	100.0	17.9	2.753	0.00	0.00	
179.7	85	6.7	3.8	45.0	2.005	0.2	0.0	98.1	69.6	46.4	50.0	DN	2.652	98.1	98.1	21.2	2.743	0.00	0.00	
180.1	75	6.7	3.3	49.8	2.006	0.2	0.0	94.2	80.1	46.6	61.8	GR	2.714	94.2	94.2	17.6	2.785	0.00	0.00	
180.6	84	6.5	3.9	51.4	2.024	0.4	0.0	108.0	124.8	46.6	84.7	GR	2.650	100.0	100.0	3.0	2.804	0.00	0.00	8
181.1	81	6.0	3.3	50.9	1.997	0.2	0.0	112.9	125.5	46.9	78.1	DN	2.650	100.0	100.0	5.1	2.788	0.00	0.00	8
181.5	84	5.7	3.3	52.0	1.989	0.5	0.0	115.1	131.7	46.5	81.2	DN	2.650	100.0	100.0	4.1	2.791	0.00	0.00	8
182.0	80	5.6	3.0	51.3	1.998	0.6	0.0	117.2	129.6	46.4	76.1	GR	2.650	100.0	100.0	5.8	2.791	0.00	0.00	8
182.4	79	6.2	3.0	52.2	2.017	0.5	0.0	111.4	124.2	46.7	72.5	GR	2.650	100.0	100.0	7.2	2.806	0.00	0.00	8
182.9	92	6.2	4.0	51.3	2.024	0.5	0.0	109.3	127.1	47.0	88.4	DN	2.650	100.0	100.0	2.0	2.804	0.00	0.00	8
183.3	76	6.2	3.9	50.3	1.990	0.4	0.0	96.3	75.0	47.0	65.8	GR	2.689	96.3	96.3	16.7	2.780	0.00	0.00	
183.8	82	6.2	2.6	48.9	2.011	0.7	0.0	111.3	131.6	47.0	72.0	DN	2.650	100.0	100.0	7.4	2.781	0.00	0.00	8
184.3	90	6.1	2.5	55.8	2.044	0.4	0.0			46.6	99.5	GR	2.650	100.0	100.0	0.0	2.835	0.00	0.00	1
184.7	90	6.3	2.7	52.2	2.063	0.5	0.0			46.3	100.0	N	2.650	100.0	100.0	0.0	2.829	0.00	0.00	1
185.2	95	7.3	2.9	52.2	2.060	0.4	0.0			46.7	100.0	N	2.650	100.0	100.0	0.0	2.827	0.00	0.00	1
185.6	82	7.7	3.1	51.2	2.023	0.5	0.0	99.5	131.4	47.4	79.0	GR	2.650	99.9	99.5	4.8	2.803	0.00	0.00	8
186.1	91	6.5	3.2	55.9	2.022	0.7	0.0			48.9	100.0	GR	2.650	100.0	100.0	0.0	2.826	0.00	0.00	1
186.5	83	6.4	3.4	49.9	2.047	0.4	0.0	108.8	131.4	49.7	83.4	GR	2.650	100.0	100.0	3.4	2.807	0.00	0.00	8
187.0	81	6.4	2.9	51.1	2.057	0.7	0.0	109.1	133.8	50.0	77.4	GR	2.650	100.0	100.0	5.4	2.819	0.00	0.00	8
187.5	88	6.7	3.2	52.8	2.025	0.1	0.0			49.8	95.8	GR	2.650	100.0	100.0	0.0	2.813	0.00	0.00	1
187.9	95	7.0	3.4	53.5	2.035	0.3	0.0			49.9	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1
188.4	89	7.5	3.9	54.5	2.102	0.3	0.0			50.7	96.4	GR	2.650	100.0	100.0	0.0	2.856	0.00	0.00	1
188.8	91	7.9	5.1	55.7	2.037	0.5	0.0			50.6	100.0	GR	2.650	100.0	100.0	0.0	2.832	0.00	0.00	1
189.3	90	6.8	3.3	55.1	1.999	0.4	0.0			50.6	100.0	DN	2.650	100.0	100.0	0.0	2.813	0.00	0.00	1
189.7	95	6.1	3.3	51.5	2.020	0.6	0.0	110.2	140.6	50.4	88.1	DN	2.650	100.0	100.0	2.1	2.803	0.00	0.00	8
190.2	89	5.9	2.6	51.3	2.017	0.2	0.0	113.1	155.5	50.4	86.4	DN	2.650	100.0	100.0	2.5	2.801	0.00	0.00	8
190.7	97	6.2	3.1	50.8	1.984	0.1	0.0	111.2	122.9	50.4	73.4	DN	2.650	100.0	100.0	6.9	2.780	0.00	0.00	8
191.1	92	6.1	2.7	52.7	2.051	0.2	0.0			50.3	100.0	N	2.650	100.0	100.0	0.0	2.825	0.00	0.00	1
191.6	93	6.1	3.2	53.1	2.039	0.1	0.0			50.5	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1
192.0	91	6.2	3.5	49.7	2.041	0.3	0.0	110.5	133.1	50.6	85.3	DN	2.650	100.0	100.0	2.8	2.802	0.00	0.00	8
192.5	95	6.6	3.2	55.1	2.020	0.1	0.0			50.5	100.0	N	2.650	100.0	100.0	0.0	2.822	0.00	0.00	1
192.9	92	6.9	3.5	53.1	1.983	0.3	0.0	104.6	132.2	49.2	85.1	DN	2.650	100.0	100.0	2.9	2.795	0.00	0.00	8
193.4	79	6.3	3.1	53.9	1.977	0.1	0.0	110.2	119.8	48.6	71.5	GR	2.650	100.0	100.0	7.6	2.797	0.00	0.00	8
193.9	92	5.7	2.9	52.9	2.002	0.3	0.0	113.9	150.2	48.7	90.1	DN	2.650	100.0	100.0	1.6	2.803	0.00	0.00	8
194.3	92	5.5	2.5	56.6	2.030	0.6	0.0			49.3	100.0	GR	2.650	100.0	100.0	0.0	2.832	0.00	0.00	1
194.8	97	6.3	3.1	57.2	2.127	0.6	0.0			50.6	100.0	N	2.650	100.0	100.0	0.0	2.873	0.00	0.00	1
195.2	90	7.7	2.4	52.7	2.135	0.4	0.0			51.5	99.0	GR	2.650	100.0	100.0	0.0	2.865	0.00	0.00	1
195.7	102	8.1	3.0	48.8	2.021	0.4	0.0	97.2	126.4	50.5	74.7	DN	2.650	99.4	97.2	6.4	2.786	0.00	0.00	8
196.1	95	6.5	1.7	53.7	2.026	-0.1	0.0			50.3	100.0	DN	2.650	100.0	100.0	0.0	2.818	0.00	0.00	1
196.6	86	6.6	1.9	55.1	2.031	0.0	0.0	106.5	184.0	50.2	89.4	GR	2.650	100.0	100.0	1.7	2.827	0.00	0.00	8
197.1	87	7.5	2.7	55.1	2.027	0.3	0.0	98.6	158.6	47.6	93.5	GR	2.650	99.7	98.6	0.8	2.825	0.00	0.00	8
197.5	84	7.9	2.8	50.7	2.033	0.2	0.0	97.6	147.9	46.9	84.2	GR	2.650	99.5	97.6	3.2	2.805	0.00	0.00	8

Zone No. 1 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
198.0	74	7.7	3.0	49.0	2.030	-0.2	0.0	90.1	86.0	49.0	59.7	GR	2.736	90.1	90.1	17.3	2.792	0.00	0.00	
198.4	76	7.4	2.8	52.1	2.019	0.3	0.0	88.9	89.6	48.9	65.9	GR	2.779	89.6	88.9	16.1	2.807	0.00	0.00	
198.9	75	7.2	2.8	47.8	1.991	0.0	0.0	90.9	85.7	48.9	60.3	DN	2.650	90.9	90.9	18.2	2.761	0.00	0.00	
199.3	73	6.6	2.0	56.0	1.990	0.0	0.0	91.5	94.2	49.0	58.6	GR	2.798	94.2	91.5	20.7	2.812	0.00	0.00	8
199.8	77	6.3	2.5	54.5	2.015	0.0	0.0	95.9	94.4	50.2	67.9	GR	2.806	95.9	95.9	15.8	2.817	0.00	0.00	
200.3	80	6.7	3.4	52.5	1.988	-0.2	0.0	106.9	122.3	50.4	76.2	GR	2.650	100.0	100.0	5.8	2.794	0.00	0.00	8
200.7	81	6.8	2.9	51.0	2.019	0.1	0.0	105.7	134.2	50.1	78.0	GR	2.650	100.0	100.0	5.2	2.800	0.00	0.00	8
201.2	84	7.3	3.2	47.4	2.031	-0.2	0.0	102.4	116.0	46.9	70.5	DN	2.650	100.0	100.0	8.0	2.780	0.00	0.00	8
201.6	84	7.2	3.3	46.6	2.014	0.1	0.0	93.4	84.0	46.6	61.1	DN	2.652	93.4	93.4	16.6	2.764	0.00	0.00	
202.1	94	7.0	3.1	50.6	2.005	-0.2	0.0	104.0	130.9	46.9	79.0	DN	2.650	100.0	100.0	4.8	2.790	0.00	0.00	8
202.5	89	6.9	3.3	51.3	2.033	-0.2	0.0	103.6	142.8	46.9	91.2	DN	2.650	100.0	100.0	1.3	2.809	0.00	0.00	8
203.0	94	7.1	3.3	53.5	2.027	0.1	0.0			48.2	100.0	DN	2.650	100.0	100.0	0.0	2.818	0.00	0.00	1
203.5	91	7.5	3.3	49.1	2.017	0.1	0.0	101.0	122.2	48.3	74.9	DN	2.650	100.0	100.0	6.3	2.785	0.00	0.00	8
203.9	87	7.6	3.2	52.8	2.243	0.5	0.0	100.0	100.0	49.9	93.5	GR	2.650	100.0	100.0	0.0	2.915	0.00	0.00	
204.4	78	9.1	2.8	49.3	2.042	0.3	0.0	91.7	124.5	49.9	71.0	GR	2.650	98.3	91.7	7.8	2.801	0.00	0.00	8
204.8	85	9.6	4.2	52.1	1.995	0.3	0.0	88.8	118.2	50.1	83.4	DN	2.650	97.6	88.8	3.4	2.794	0.00	0.00	8
205.3	78	8.4	3.9	54.9	2.010	0.0	0.0	95.5	104.5	49.4	70.1	GR	2.650	99.1	95.5	8.2	2.816	0.00	0.00	8
205.7	100	7.8	3.3	53.8	2.027	0.2	0.0			46.8	100.0	DN	2.650	100.0	100.0	0.0	2.819	0.00	0.00	1
206.2	106	8.4	2.7	52.3	1.973	0.8	0.0	95.3	139.0	44.0	78.1	DN	2.650	99.0	95.3	5.1	2.785	0.00	0.00	8
206.7	95	9.6	2.4	53.7	2.148	0.3	0.0			42.5	100.0	N	2.650	100.0	100.0	0.0	2.874	0.00	0.00	1
207.1	109	10.9	2.9	52.8	2.087	0.3	0.0			46.0	100.0	N	2.650	100.0	100.0	0.0	2.843	0.00	0.00	1
207.6	117	11.6	3.3	55.7	2.042	0.1	0.0			47.8	100.0	N	2.650	100.0	100.0	0.0	2.834	0.00	0.00	1
208.0	115	11.4	2.6	53.7	2.137	0.0	0.0			48.4	100.0	N	2.650	100.0	100.0	0.0	2.869	0.00	0.00	1
208.5	129	12.7	2.7	54.8	2.027	0.1	0.0			49.1	100.0	N	2.650	100.0	100.0	0.0	2.824	0.00	0.00	1
208.9	124	11.4	2.0	52.6	1.994	0.4	0.0	81.2	176.4	46.5	85.7	DN	2.650	95.9	81.2	2.7	2.797	0.00	0.00	8
209.4	115	10.3	2.0	51.7	1.999	0.7	0.0	85.8	172.7	42.5	82.9	DN	2.650	97.0	85.8	3.5	2.794	0.00	0.00	8
209.9	115	10.7	2.3	47.5	2.050	0.0	0.0	84.6	150.9	40.8	77.1	DN	2.650	96.7	84.6	5.5	2.792	0.00	0.00	8
210.3	138	11.1	2.1	50.6	2.069	0.1	0.0			40.1	97.5	N	2.650	100.0	100.0	0.0	2.823	0.00	0.00	1
210.8	139	12.0	2.3	53.9	2.002	0.3	0.0			44.9	95.2	DN	2.650	100.0	100.0	0.0	2.808	0.00	0.00	1
211.2	143	13.2	1.9	52.2	2.142	-0.2	0.0			47.5	100.0	N	2.650	100.0	100.0	0.0	2.866	0.00	0.00	1
211.7	143	13.5	2.5	54.6	2.031	0.0	0.0			48.7	100.0	N	2.650	100.0	100.0	0.0	2.825	0.00	0.00	1
212.1	131	14.0	1.7	50.5	2.029	0.0	0.0	73.4	190.9	48.8	85.7	DN	2.650	94.0	73.4	2.7	2.801	0.00	0.00	8
212.6	127	12.9	1.3	52.8	2.088	0.4	0.0			49.1	100.0	N	2.650	100.0	100.0	0.0	2.843	0.00	0.00	1
213.1	143	12.1	1.4	51.0	2.029	0.7	0.0	78.7	215.3	45.9	88.5	DN	2.650	95.3	78.7	2.0	2.805	0.00	0.00	8
213.5	138	11.5	1.3	50.5	2.100	0.7	0.0			45.5	97.4	N	2.650	100.0	100.0	0.0	2.838	0.00	0.00	1
214.0	153	12.3	1.2	57.3	2.070	1.2				45.8	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
214.4	144	12.0	1.3	53.7	2.015	0.8	0.0			45.8	98.1	DN	2.650	100.0	100.0	0.0	2.813	0.00	0.00	1
214.9	152	11.4	1.1	51.8	2.022	0.9	0.0	80.4	246.0	45.8	90.5	DN	2.650	95.7	80.4	1.5	2.806	0.00	0.00	8
215.3	136	11.2	1.2	51.4	2.023	1.2				45.8	98.9	N	2.650	100.0	100.0	0.0	2.819	0.00	0.00	1 4
215.8	119	11.0	1.1	53.1	2.045	1.1				45.7	100.0	N	2.650	100.0	100.0	0.0	2.821	0.00	0.00	1 4
216.3	105	11.8	1.3	51.2	2.029	0.8	0.0	79.5	228.0	45.6	89.3	DN	2.650	95.5	79.5	1.7	2.806	0.00	0.00	8
216.7	97	11.5	1.0	53.4	2.027	0.1	0.0			46.0	100.0	DN	2.650	100.0	100.0	0.0	2.817	0.00	0.00	1
217.2	102	12.3	1.6	52.8	2.034	0.1	0.0			45.9	99.0	DN	2.650	100.0	100.0	0.0	2.817	0.00	0.00	1
217.6	98	11.2	2.0	50.6	2.028	0.1	0.0	81.8	176.6	46.0	85.8	DN	2.650	96.1	81.8	2.7	2.801	0.00	0.00	8
218.1	99	11.2	2.4	49.8	2.033	-0.1	0.0	82.3	157.2	46.0	83.5	DN	2.650	96.2	82.3	3.4	2.799	0.00	0.00	8
218.5	98	10.7	1.4	46.4	2.033	0.1	0.0	78.0	141.4	45.9	66.3	DN	2.653	95.2	78.0	13.5	2.774	0.00	0.00	
219.0	96	10.5	1.3	49.3	2.040	0.1	0.0	84.7	211.9	46.4	83.0	DN	2.650	96.7	84.7	3.5	2.799	0.00	0.00	8
219.5	91	11.0	1.9	50.7	2.032	0.1	0.0	82.4	182.4	46.7	87.7	DN	2.650	96.2	82.4	2.1	2.804	0.00	0.00	8
219.9	108	11.5	2.3	52.3	2.031	0.1	0.0			48.1	95.8	DN	2.650	100.0	100.0	0.0	2.814	0.00	0.00	1
220.4	107	10.7	1.7	52.8	2.019	0.0	0.0	100.0	100.0	49.1	94.7	DN	2.650	100.0	100.0	0.6	2.810	0.00	0.00	8
220.8	106	10.0	2.4	52.4	2.024	0.0	0.0	100.0	100.0	48.0	94.1	DN	2.650	100.0	100.0	0.7	2.811	0.00	0.00	8
221.3	104	9.5	1.8	53.6	2.017	-0.2	0.0			46.9	97.8	DN	2.650	100.0	100.0	0.0	2.813	0.00	0.00	1
221.7	87	9.2	1.2	52.4	2.032	-0.3	0.0	89.5	235.4	44.7	92.9	GR	2.650	97.8	89.5	0.9	2.814	0.00	0.00	8

Hydrocarbon Volume Report

Cut off parameters

1. PHIE less than 0.050
2. SW greater than 0.500
3. VCL greater than 1.000

Zone no. 1 From 69.952 To 222.047 M

Total depth interval	=	152.095 M
Net Pay depth interval	=	0.000 M
Average effective porosity	=	0.00 %
Average water saturation	=	0.00 %
Average volume of clay	=	0.00 %
Integrated net porosity	=	0.000 M
Integrated hydrocarbon porosity	=	0.000 M

Zone No. 2 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
222.0	91	8.9	1.4	48.9	2.068	-0.2	0.0	91.3	216.7	40.8	89.6	DN	2.650	98.2	91.3	1.7	2.812	0.00	0.00	8
222.5	Volcs																			
223.0	94	10.2	5.7	53.2	2.117	0.6	0.0			31.8	100.0	N	2.650	100.0	100.0	0.0	2.859	0.00	0.00	1
223.4	Volcs																			
223.9	Volcs																			
224.3	Volcs																			
224.8	Volcs																			
225.2	Volcs																			
225.7	Volcs																			
226.2	Volcs																			
226.6	Volcs																			
227.1	Volcs																			
227.5	Volcs																			
228.0	Volcs																			
228.4	Volcs																			
228.9	Volcs																			
229.4	Volcs																			
229.8	Volcs																			
230.3	Volcs																			
230.7	Volcs																			
231.2	Volcs																			
231.6	Volcs																			
232.1	Volcs																			
232.6	Volcs																			
233.0	Volcs																			
233.5	Volcs																			
233.9	Volcs																			
234.4	Volcs																			
234.8	Volcs																			
235.3	Volcs																			
235.8	Volcs																			
236.2	Volcs																			
236.7	Volcs																			
237.1	Volcs																			
237.6	Volcs																			
238.0	Volcs																			
238.5	37	7.7	1.7	32.2	2.150	1.1		100.7	68.6	42.4	0.0	GR	2.650	100.0	100.0	42.4	2.650	0.00	0.00	4 7
239.0	Volcs																			
239.4	Volcs																			
239.9	Volcs																			

Hydrocarbon Volume Report

Cut off parameters

1. PHIE less than 0.050
2. SW greater than 0.500
3. VCL greater than 1.000

Zone no. 2	From	222.047	To	240.030 M
Total depth interval		=		17.983 M
Net Pay depth interval		=		0.000 M
Average effective porosity		=		0.00 %
Average water saturation		=		0.00 %
Average volume of clay		=		0.00 %
Integrated net porosity		=		0.000 M
Integrated hydrocarbon porosity		=		0.000 M

Zone No. 3 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
240.0	Trona																			
240.5	72	6.5	3.6	47.1	2.093	0.0	0.0	116.8	95.4	55.9	57.0	GR	2.682	100.0	100.0	12.9	2.813	0.00	0.00	8
240.9	96	7.5	3.5	48.5	2.133	0.1	0.0	100.0	100.0	54.1	94.3	GR	2.650	100.0	100.0	0.4	2.844	0.00	0.00	8
241.4	95	8.0	4.1	44.5	2.213	0.1	0.0	100.0	100.0	57.3	92.3	GR	2.650	100.0	100.0	0.6	2.864	0.00	0.00	8
241.9	81	8.5	5.0	45.1	2.214	0.1	0.0	108.1	114.7	53.2	70.5	GR	2.650	100.0	100.0	4.8	2.869	0.00	0.00	8
242.3	82	8.4	5.3	44.4	2.266	0.1	0.0	108.3	112.7	52.9	72.0	GR	2.650	100.0	100.0	4.4	2.894	0.00	0.00	8
242.8	83	8.5	5.3	46.3	2.232	0.1	0.0	107.1	114.0	55.9	73.9	GR	2.650	100.0	100.0	4.0	2.886	0.00	0.00	8
243.2	94	11.8	7.2	48.8	2.195	0.2	0.0	85.7	106.1	56.0	90.6	GR	2.650	97.0	85.7	0.9	2.879	0.00	0.00	8
243.7	103	14.9	6.6	50.3	2.178	0.1	0.0			44.9	100.0	GR	2.650	100.0	100.0	0.0	2.877	0.00	0.00 1	
244.1	108	13.3	5.4	44.6	2.317	0.2	0.0			45.4	99.2	N	2.650	100.0	100.0	0.0	2.924	0.00	0.00 1	
244.6	95	13.2	9.7	42.7	2.288	0.1	0.0	100.0	100.0	50.7	92.8	GR	2.650	100.0	100.0	0.6	2.897	0.00	0.00	8
245.1	100	11.5	8.2	42.8	2.305	0.2	0.0			51.5	95.5	N	2.650	100.0	100.0	0.0	2.908	0.00	0.00 1	
245.5	104	11.4	8.9	43.4	2.261	0.0	0.0			46.7	96.6	N	2.650	100.0	100.0	0.0	2.885	0.00	0.00 1	
246.0	105	11.9	8.8	44.2	2.318	0.1	0.0			47.3	98.4	N	2.650	100.0	100.0	0.0	2.923	0.00	0.00 1	
246.4	100	12.9	10.9	45.3	2.289	0.0	0.0			49.7	99.8	GR	2.650	100.0	100.0	0.0	2.912	0.00	0.00 1	
246.9	101	11.7	8.3	45.8	2.274	0.1	0.0			48.7	100.0	N	2.650	100.0	100.0	0.0	2.906	0.00	0.00 1	
247.3	92	12.6	9.0	45.0	2.254	0.0	0.0	83.6	93.7	48.0	87.7	GR	2.650	93.7	83.6	1.3	2.891	0.00	0.00	8
247.8	92	13.1	8.5	44.4	2.263	0.0	0.0	82.1	96.6	51.6	87.7	GR	2.650	96.1	82.1	1.3	2.893	0.00	0.00	8
248.3	107	12.2	8.2	46.9	2.246	0.2	0.0			41.8	100.0	N	2.650	100.0	100.0	0.0	2.896	0.00	0.00 1	
248.7	104	11.4	5.9	43.6	2.223	0.2	0.0			39.5	97.2	N	2.650	100.0	100.0	0.0	2.864	0.00	0.00 1	
249.2	91	14.2	5.5	40.7	2.378	0.2	0.0	79.9	121.4	48.7	85.6	GR	2.650	95.6	79.9	1.4	2.939	0.00	0.00	
249.6	82	17.6	6.0	42.5	2.311	0.1	0.0	74.8	106.0	48.9	72.5	GR	2.650	94.4	74.8	4.3	2.909	0.00	0.00	8
250.1	99	14.3	5.3	45.3	2.325	0.2	0.0			53.3	99.2	GR	2.650	100.0	100.0	0.0	2.932	0.00	0.00 1	
250.5	105	11.9	8.7	45.0	2.316	0.2	0.0			55.5	100.0	N	2.650	100.0	100.0	0.0	2.926	0.00	0.00 1	
251.0	96	11.5	8.1	44.2	2.293	0.2	0.0	100.0	100.0	56.9	94.0	GR	2.650	100.0	100.0	0.4	2.909	0.00	0.00	8
251.5	104	11.2	8.1	49.6	2.249	0.3				59.7	100.0	GR	2.650	100.0	100.0	0.0	2.917	0.00	0.00 1	4
251.9	100	11.6	8.2	46.3	2.270	0.2	0.0			56.6	100.0	GR	2.650	100.0	100.0	0.0	2.906	0.00	0.00 1	
252.4	92	11.9	7.3	47.9	2.248	0.4		85.7	104.5	48.4	88.5	GR	2.650	97.0	85.7	1.2	2.886	0.00	0.00	4 78
252.8	106	11.9	7.5	48.3	2.322	0.1	0.0			49.6	100.0	N	2.650	100.0	100.0	0.0	2.942	0.00	0.00 1	
253.3	104	11.9	8.5	48.7	2.259	0.1	0.0			52.0	100.0	GR	2.650	100.0	100.0	0.0	2.911	0.00	0.00 1	
253.7	99	10.6	7.1	44.4	2.289	0.1	0.0			54.4	98.1	GR	2.650	100.0	100.0	0.0	2.907	0.00	0.00 1	
254.2	92	10.8	7.2	49.8	2.240	0.2	0.0	90.5	104.9	51.1	87.0	GR	2.650	98.0	90.5	1.4	2.905	0.00	0.00	8
254.7	110	11.5	7.7	51.6	2.223	0.1	0.0			46.5	100.0	N	2.650	100.0	100.0	0.0	2.903	0.00	0.00 1	
255.1	120	12.2	6.8	46.4	2.301	0.2	0.0			54.5	100.0	N	2.650	100.0	100.0	0.0	2.924	0.00	0.00 1	
255.6	113	13.4	10.0	48.5	2.212	0.3	0.0			55.1	100.0	N	2.650	100.0	100.0	0.0	2.886	0.00	0.00 1	
256.0	124	11.6	10.4	48.6	2.185	0.2	0.0			52.2	100.0	N	2.650	100.0	100.0	0.0	2.872	0.00	0.00 1	
256.5	113	11.3	8.3	48.2	2.203	0.1	0.0			51.3	100.0	N	2.650	100.0	100.0	0.0	2.880	0.00	0.00 1	
256.9	97	12.3	7.6	47.7	2.228	0.1	0.0	100.0	100.0	50.1	94.7	GR	2.650	100.0	100.0	0.4	2.891	0.00	0.00	8
257.4	89	12.0	7.3	48.3	2.232	0.1	0.0	87.2	102.2	51.6	83.0	GR	2.650	97.3	87.2	2.1	2.895	0.00	0.00	8
257.9	97	12.2	8.9	43.9	2.254	0.2	0.0			68.5	95.5	GR	2.650	100.0	100.0	0.0	2.884	0.00	0.00 1	
258.3	104	11.5	9.0	46.7	2.234	0.3	0.0			63.4	100.0	N	2.650	100.0	100.0	0.0	2.889	0.00	0.00 1	
258.8	101	10.8	9.3	49.7	2.212	0.8				47.1	100.0	GR	2.650	100.0	100.0	0.0	2.917	0.00	0.00 1	4
259.2	88	10.4	7.3	46.1	2.246	0.2	0.0	94.1	101.9	48.4	81.7	GR	2.650	98.8	94.1	2.3	2.892	0.00	0.00	8
259.7	81	12.2	8.8	43.3	2.347	0.0	0.0	90.8	86.0	54.6	70.0	GR	2.650	90.8	90.8	4.9	2.935	0.00	0.00	8
260.1	96	12.4	8.4	47.1	2.166	0.2	0.0	100.0	100.0	55.6	94.5	GR	2.650	100.0	100.0	0.4	2.854	0.00	0.00	8
260.6	107	9.7	6.4	47.2	2.181	0.3				51.8	100.0	N	2.650	100.0	100.0	0.0	2.917	0.00	0.00 1	4
261.1	106	10.3	6.3	50.3	2.285	0.1	0.0			53.3	100.0	GR	2.650	100.0	100.0	0.0	2.929	0.00	0.00 1	
261.5	94	10.5	8.3	47.5	2.210	0.1	0.0	90.7	98.6	48.7	90.6	GR	2.650	98.1	90.7	0.9	2.880	0.00	0.00	8
262.0	99	10.0	7.2	41.9	2.293	0.2	0.0			55.3	93.6	N	2.650	100.0	100.0	0.0	2.895	0.00	0.00 2	
262.4	97	11.6	8.0	43.0	2.237	0.1	0.0			54.7	95.4	GR	2.650	100.0	100.0	0.0	2.868	0.00	0.00 1	
262.9	104	11.3	7.7	48.9	2.204	0.1	0.0			55.3	100.0	GR	2.650	100.0	100.0	0.0	2.884	0.00	0.00 1	
263.3	103	10.1	6.6	49.1	2.263	0.1	0.0			54.5	100.0	GR	2.650	100.0	100.0	0.0	2.914	0.00	0.00 1	
263.8	110	9.9	4.4	50.7	2.225	0.1	0.0			42.3	100.0	N	2.650	100.0	100.0	0.0	2.901	0.00	0.00 1	
264.3	115	9.7	4.1	42.4	2.324	0.2	0.0			47.8	94.7	N	2.650	100.0	100.0	0.0	2.917	0.00	0.00 2	
264.7	104	12.3	10.1	43.3	2.295	0.1	0.0			51.0	96.4	N	2.650	100.0	100.0	0.0	2.904	0.00	0.00 1	
265.2	103	11.6	7.7	44.3	2.281	0.2	0.0			44.5	98.5	N	2.650	100.0	100.0	0.0	2.902	0.00	0.00 1	

Zone No. 3 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
265.6	105	10.6	8.2	48.3	2.272	0.1	0.0			49.7	100.0	N	2.650	100.0	100.0	0.0	2.916	0.00	0.00	1
266.1	115	11.0	7.3	44.4	2.370	0.1	0.0			57.1	98.8	N	2.650	100.0	100.0	0.0	2.953	0.00	0.00	1
266.5	98	10.5	8.2	52.0	2.177	0.0	0.0			61.8	96.7	GR	2.650	100.0	100.0	0.0	2.883	0.00	0.00	1
267.0	106	8.3	5.4	48.5	2.292	0.3				56.9	100.0	N	2.650	100.0	100.0	0.0	2.917	0.00	0.00	1 4
267.5	111	9.6	5.9	47.3	2.255	0.2	0.0			55.8	100.0	N	2.650	100.0	100.0	0.0	2.903	0.00	0.00	1
267.9	117	10.3	6.3	47.2	2.241	0.2	0.0			56.0	100.0	N	2.650	100.0	100.0	0.0	2.895	0.00	0.00	1
268.4	113	9.9	5.8	46.4	2.210	0.3	0.0			51.5	100.0	N	2.650	100.0	100.0	0.0	2.874	0.00	0.00	1
268.8	121	9.7	6.1	53.3	2.157	0.1	0.0			47.5	100.0	N	2.650	100.0	100.0	0.0	2.878	0.00	0.00	1
269.3	122	9.2	3.9	50.0	2.263	0.1	0.0			47.3	100.0	N	2.650	100.0	100.0	0.0	2.917	0.00	0.00	1
269.7	127	9.9	6.4	44.3	2.356	0.1	0.0			51.4	98.5	N	2.650	100.0	100.0	0.0	2.945	0.00	0.00	1
270.2	106	10.1	6.4	44.4	2.251	0.1	0.0			50.4	98.7	N	2.650	100.0	100.0	0.0	2.885	0.00	0.00	1
270.7	95	9.1	6.0	45.9	2.229	0.2	0.0	100.0	100.0	51.9	92.6	GR	2.650	100.0	100.0	0.6	2.882	0.00	0.00	8
271.1	99	9.1	5.0	46.1	2.259	0.3	0.0			51.0	99.2	GR	2.650	100.0	100.0	0.0	2.900	0.00	0.00	1
271.6	100	9.5	5.9	45.8	2.223	0.1	0.0			32.5	100.0	GR	2.650	100.0	100.0	0.0	2.878	0.00	0.00	1
272.0	96	9.6	7.0	44.2	2.296	0.0	0.0	100.0	100.0	33.9	93.6	GR	2.650	100.0	100.0	0.5	2.910	0.00	0.00	8
272.5	104	11.1	4.4	33.5	2.427	0.1	0.0			47.1	76.3	N	2.650	100.0	100.0	0.0	2.919	0.00	0.00	2
272.9	85	11.8	3.9	44.9	2.316	0.2	0.0	89.6	136.1	47.2	77.2	GR	2.650	97.8	89.6	3.3	2.925	0.00	0.00	8
273.4	85	9.7	2.2	44.2	2.295	0.1	0.0	99.3	182.1	46.3	76.9	GR	2.650	99.9	99.3	3.3	2.910	0.00	0.00	8
273.9	99	9.8	2.5	46.8	2.286	0.2	0.0			44.1	99.0	GR	2.650	100.0	100.0	0.0	2.918	0.00	0.00	1
274.3	106	10.0	7.4	45.2	2.272	0.1	0.0			43.8	100.0	N	2.650	100.0	100.0	0.0	2.902	0.00	0.00	1
274.8	96	10.2	7.5	45.6	2.327	0.2	0.0	100.0	100.0	42.6	94.4	GR	2.650	100.0	100.0	0.4	2.935	0.00	0.00	8
275.2	95	10.1	8.4	44.7	2.321	0.1	0.0	100.0	100.0	46.4	92.3	GR	2.650	100.0	100.0	0.6	2.927	0.00	0.00	8
275.7	104	9.2	7.1	41.1	2.343	0.1	0.0			50.0	91.9	N	2.650	100.0	100.0	0.0	2.920	0.00	0.00	2
276.1	105	9.3	6.1	41.6	2.279	0.2	0.0			56.0	93.1	N	2.650	100.0	100.0	0.0	2.884	0.00	0.00	2
276.6	101	9.1	6.8	45.0	2.242	0.1	0.0			53.7	100.0	N	2.650	100.0	100.0	0.0	2.884	0.00	0.00	1
277.1	97	9.0	6.8	48.7	2.239	0.1	0.0			52.4	95.3	GR	2.650	100.0	100.0	0.0	2.901	0.00	0.00	1
277.5	108	9.3	5.4	45.2	2.265	0.2	0.0			51.6	100.0	N	2.650	100.0	100.0	0.0	2.898	0.00	0.00	1
278.0	97	9.6	5.6	45.9	2.219	0.2	0.0	100.0	100.0	47.9	94.7	GR	2.650	100.0	100.0	0.4	2.876	0.00	0.00	8
278.4	99	9.7	6.6	45.6	2.226	0.0	0.0			47.1	98.5	GR	2.650	100.0	100.0	0.0	2.879	0.00	0.00	1
278.9	88	10.3	7.1	39.1	2.241	0.1	0.0	94.6	102.7	47.8	81.3	GR	2.650	98.9	94.6	2.4	2.840	0.00	0.00	8
279.3	78	10.3	5.3	46.1	2.235	0.1	0.0	90.2	85.4	49.9	66.5	GR	2.828	90.2	90.2	10.1	2.886	0.00	0.00	8
279.8	79	10.2	7.6	50.3	2.195	-0.1	0.0	90.5	72.0	45.6	67.7	GR	2.823	90.5	90.5	9.7	2.885	0.00	0.00	8
280.3	99	7.0	5.0	48.3	2.213	0.0	0.0			45.6	98.5	GR	2.650	100.0	100.0	0.0	2.886	0.00	0.00	1
280.7	85	6.1	4.6	49.8	2.228	0.0	0.0	124.9	125.5	46.3	77.1	GR	2.650	100.0	100.0	3.3	2.899	0.00	0.00	8
281.2	80	5.7	4.3	49.8	2.217	0.0	0.0	120.3	97.8	42.9	69.4	GR	2.842	100.0	100.0	9.2	2.894	0.00	0.00	8
281.6	84	5.3	3.9	49.5	2.206	0.0	0.0	134.3	133.8	34.8	75.2	GR	2.650	100.0	100.0	3.7	2.887	0.00	0.00	8
282.1	77	5.4	4.0	45.7	2.228	0.0	0.0	124.9	96.7	34.6	64.3	GR	2.815	100.0	100.0	10.7	2.880	0.00	0.00	8
282.5	75	6.9	4.6	37.3	2.276	0.0	0.0	115.1	93.5	45.3	61.8	GR	2.685	100.0	100.0	10.2	2.847	0.00	0.00	
283.0	83	8.9	5.4	45.4	2.220	0.0	0.0	104.6	113.3	45.4	73.8	GR	2.650	100.0	100.0	4.0	2.874	0.00	0.00	8
283.5	90	5.7	4.0	41.2	2.223	0.0	0.0	126.3	138.7	39.9	84.2	GR	2.650	100.0	100.0	1.9	2.846	0.00	0.00	8
283.9	90	5.2	3.8	42.2	2.232	-0.1	0.0	131.0	143.0	36.7	85.4	GR	2.650	100.0	100.0	1.7	2.859	0.00	0.00	8
284.4	81	6.3	4.5	44.9	2.277	0.0	0.0	125.8	121.5	35.1	70.9	GR	2.650	100.0	100.0	4.7	2.903	0.00	0.00	8
284.8	82	7.3	5.3	35.2	2.307	0.0	0.0	116.5	111.9	34.6	71.6	GR	2.650	100.0	100.0	4.5	2.849	0.00	0.00	8
285.3	76	7.5	5.6	39.3	2.325	0.1	0.0	110.5	87.4	38.6	63.2	GR	2.835	100.0	100.0	9.5	2.896	0.00	0.00	
285.8	74	7.3	5.4	40.4	2.295	0.0	0.0	109.5	81.0	34.2	60.3	GR	2.816	100.0	100.0	11.8	2.885	0.00	0.00	
286.2	82	6.4	4.7	41.0	2.285	0.0	0.0	123.9	120.5	34.8	72.4	GR	2.650	100.0	100.0	4.3	2.883	0.00	0.00	8
286.7	71	6.4	5.6	46.8	2.248	-0.3	0.0	117.9	76.3	38.9	55.5	GR	2.873	100.0	100.0	13.4	2.897	0.00	0.00	8
287.1	75	6.7	9.5	43.8	2.263	-0.3	0.0	113.8	61.1	37.6	61.2	GR	2.839	100.0	100.0	11.6	2.889	0.00	0.00	8
287.6	81	6.4	5.2	42.5	2.313	0.0	0.0	124.7	112.2	43.4	70.1	GR	2.650	100.0	100.0	4.9	2.911	0.00	0.00	8
288.0	76	6.8	5.4	39.6	2.280	0.0	0.0	112.7	83.3	44.4	63.1	GR	2.750	100.0	100.0	10.8	2.870	0.00	0.00	
288.5	82	5.9	4.8	42.3	2.244	0.0	0.0	129.2	118.0	40.1	72.4	GR	2.650	100.0	100.0	4.3	2.867	0.00	0.00	8
289.0	77	5.6	4.7	39.2	2.300	-0.1	0.0	126.0	94.7	35.5	64.7	GR	2.771	100.0	100.0	9.5	2.880	0.00	0.00	
289.4	72	7.6	6.8	36.7	2.371	0.1	0.0	117.7	83.7	35.2	57.0	GR	2.870	100.0	100.0	9.4	2.907	0.00	0.00	
289.9	89	10.9	8.4	34.2	2.377	0.0	0.0			36.9	77.8	N	2.650	100.0	100.0	0.0	2.890	0.00	0.00	2
290.3	91	9.6	7.1	33.4	2.353	0.1	0.0			39.0	76.1	N	2.650	100.0	100.0	0.0	2.865	0.00	0.00	2
290.8	91	8.8	8.1	37.9	2.320	0.1	0.0			41.2	85.3	N	2.650	100.0	100.0	0.0	2.882	0.00	0.00	2

Zone No. 3 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
291.2	91	8.7	7.5	40.6	2.320	0.2	0.0	101.4	102.7	42.8	86.2	GR	2.650	100.0	100.0	1.5	2.903	0.00	0.00	8
291.7	92	8.4	7.2	42.6	2.291	0.2	0.0	102.8	104.8	44.3	87.0	GR	2.650	100.0	100.0	1.4	2.898	0.00	0.00	8
292.2	92	7.9	5.4	43.3	2.261	0.0	0.0	105.8	121.4	45.7	87.8	GR	2.650	100.0	100.0	1.3	2.885	0.00	0.00	8
292.6	89	7.7	4.5	43.6	2.264	0.0	0.0	108.7	130.6	45.4	82.9	GR	2.650	100.0	100.0	2.1	2.888	0.00	0.00	8
293.1	99	7.3	3.4	43.8	2.233	0.0	0.0			44.7	97.5	N	2.650	100.0	100.0	0.0	2.871	0.00	0.00	1
293.5	91	7.3	2.8	43.7	2.258	0.0	0.0	110.2	166.6	42.2	86.8	GR	2.650	100.0	100.0	1.4	2.885	0.00	0.00	8
294.0	94	7.8	2.6	49.2	2.257	0.1	0.0	105.1	176.1	34.5	90.8	GR	2.650	100.0	100.0	0.8	2.912	0.00	0.00	8
294.4	91	8.4	3.9	47.3	2.301	0.0	0.0	103.4	142.6	36.1	85.6	GR	2.650	100.0	100.0	1.6	2.927	0.00	0.00	8
294.9	89	9.5	6.8	46.5	2.367	0.0	0.0	98.2	105.6	37.7	82.4	GR	2.650	99.6	98.2	2.2	2.960	0.00	0.00	8
295.4	93	9.1	7.8	44.7	2.385	0.0	0.0	100.0	100.0	39.4	89.7	GR	2.650	100.0	100.0	0.6	2.963	0.00	0.00	
295.8	81	7.3	4.6	42.2	2.362	0.0	0.0	116.9	119.4	41.9	70.6	GR	2.650	100.0	100.0	4.8	2.938	0.00	0.00	8
296.3	78	5.8	4.0	43.4	2.303	-0.1	0.0	120.4	98.5	48.2	66.3	GR	2.894	100.0	100.0	10.1	2.910	0.00	0.00	5 8
296.7	73	5.2	3.8	44.3	2.256	-0.1	0.0	129.4	94.5	46.4	58.2	GR	2.845	100.0	100.0	12.6	2.888	0.00	0.00	8
297.2	75	4.1	2.8	48.4	2.205	-0.1	0.0	145.1	112.7	45.2	61.1	GR	2.832	100.0	100.0	11.7	2.882	0.00	0.00	8
297.6	76	4.5	2.8	49.2	2.231	0.0	0.0	137.9	113.8	50.1	63.5	GR	2.866	100.0	100.0	10.9	2.899	0.00	0.00	8
298.1	73	4.6	2.8	49.7	2.206	-0.1	0.0	138.3	109.0	45.0	58.3	GR	2.850	100.0	100.0	12.5	2.888	0.00	0.00	8
298.6	74	4.0	2.4	49.7	2.201	-0.1	0.0	148.1	120.5	39.0	59.4	GR	2.843	100.0	100.0	12.2	2.885	0.00	0.00	8
299.0	70	4.0	2.7	41.7	2.257	-0.1	0.0	150.8	108.7	40.4	54.5	GR	2.804	100.0	100.0	13.7	2.871	0.00	0.00	8
299.5	74	5.1	3.2	39.8	2.253	-0.1	0.0	129.9	104.1	43.6	60.6	GR	2.716	100.0	100.0	11.8	2.854	0.00	0.00	8
299.9	79	5.2	3.4	43.2	2.254	-0.1	0.0	127.2	107.8	44.3	67.1	GR	2.789	100.0	100.0	9.9	2.879	0.00	0.00	8
300.4	70	4.6	2.8	47.6	2.227	0.0	0.0	140.3	106.1	37.4	54.1	GR	2.860	100.0	100.0	13.8	2.890	0.00	0.00	8
300.8	78	4.4	2.7	44.8	2.240	0.0	0.0	138.5	119.0	36.2	66.8	GR	2.809	100.0	100.0	9.9	2.882	0.00	0.00	8
301.3	71	4.9	3.2	41.9	2.271	0.0	0.0	134.6	101.3	39.9	55.4	GR	2.826	100.0	100.0	13.4	2.881	0.00	0.00	8
301.8	68	5.8	3.8	45.4	2.252	0.0	0.0	127.0	89.5	38.8	50.4	GR	2.867	100.0	100.0	14.9	2.892	0.00	0.00	8
302.2	67	5.2	3.3	44.9	2.245	-0.1	0.0	134.7	94.9	37.7	49.2	GR	2.853	100.0	100.0	15.3	2.885	0.00	0.00	8
302.7	60	4.9	3.7	45.3	2.241	-0.1	0.0	145.3	83.4	37.7	38.8	GR	2.865	100.0	100.0	18.3	2.885	0.00	0.00	8
303.1	66	4.9	3.1	42.8	2.249	-0.1	0.0	139.3	95.8	25.9	47.0	GR	2.831	100.0	100.0	15.9	2.874	0.00	0.00	8
303.6	65	5.0	3.3	38.6	2.255	0.0	0.0	139.6	93.1	31.1	45.5	GR	2.763	100.0	100.0	16.4	2.845	0.00	0.00	8
304.0	74	6.3	6.3	26.7	2.403	0.0	0.0	155.2	145.9	39.4	60.6	GR	2.617	100.0	100.0	1.2	2.830	0.00	0.00	
304.5	65	8.2	14.7	45.6	2.256	0.0	0.0	108.2	44.1	37.7	46.5	GR	2.877	100.0	100.0	16.0	2.895	0.00	0.00	8
305.0	67	4.7	3.2	47.9	2.267	0.0	0.0	141.9	95.4	38.1	48.6	GR	2.906	100.0	100.0	15.4	2.912	0.00	0.00	5 8
305.4	66	4.7	3.3	50.1	2.265	0.0	0.0	141.9	93.3	35.4	47.3	GR	2.914	100.0	100.0	15.8	2.919	0.00	0.00	5 8
305.9	71	4.7	3.4	44.3	2.264	0.0	0.0	137.5	97.7	35.4	55.1	GR	2.862	100.0	100.0	13.5	2.893	0.00	0.00	8
306.3	68	4.8	3.4	36.4	2.331	-0.1	0.0	148.3	106.6	39.3	51.3	GR	2.805	100.0	100.0	12.1	2.877	0.00	0.00	
306.8	67	6.1	4.9	43.8	2.281	0.0	0.0	124.1	77.7	39.4	48.7	GR	2.882	100.0	100.0	15.4	2.899	0.00	0.00	8
307.2	72	4.6	3.3	44.7	2.265	0.0	0.0	138.2	100.0	40.2	57.1	GR	2.865	100.0	100.0	12.9	2.895	0.00	0.00	8
307.7	65	4.8	3.4	46.8	2.259	0.0	0.0	142.2	91.3	40.5	46.2	GR	2.892	100.0	100.0	16.2	2.903	0.00	0.00	5 8
308.2	61	4.6	3.2	43.6	2.249	0.0	0.0	149.0	90.1	41.4	39.8	GR	2.853	100.0	100.0	18.1	2.879	0.00	0.00	8
308.6	61	4.8	3.3	41.0	2.265	0.0	0.0	146.3	89.1	45.6	40.6	GR	2.833	100.0	100.0	17.8	2.871	0.00	0.00	8
309.1	65	5.5	5.4	46.2	2.269	0.1	0.0	132.3	72.8	44.5	46.2	GR	2.896	100.0	100.0	16.1	2.905	0.00	0.00	5 8
309.5	84	5.6	4.4	45.9	2.247	0.1	0.0	130.7	126.3	41.4	75.7	GR	2.650	100.0	100.0	3.6	2.892	0.00	0.00	8
310.0	96	5.8	4.5	46.6	2.272	0.1	0.0	100.0	100.0	36.7	93.6	GR	2.650	100.0	100.0	0.5	2.909	0.00	0.00	8
310.4	89	6.3	4.5	38.4	2.300	0.1	0.0	120.3	130.0	34.8	83.5	GR	2.650	100.0	100.0	2.0	2.873	0.00	0.00	8
310.9	90	6.9	5.6	38.2	2.317	0.1	0.0	114.7	117.6	29.2	84.3	GR	2.650	100.0	100.0	1.9	2.883	0.00	0.00	8
311.4	97	7.8	6.7	36.3	2.328	0.0	0.0			36.8	82.1	N	2.650	100.0	100.0	0.0	2.874	0.00	0.00	2
311.8	106	8.8	7.7	40.1	2.377	0.0	0.0			44.7	89.9	N	2.650	100.0	100.0	0.0	2.935	0.00	0.00	2
312.3	126	11.0	15.2	49.9	2.230	0.0	0.0			44.2	100.0	N	2.650	100.0	100.0	0.0	2.901	0.00	0.00	1
312.7	116	7.0	5.2	44.7	2.390	0.1	0.0			49.5	99.4	N	2.650	100.0	100.0	0.0	2.966	0.00	0.00	1
313.2	118	6.0	4.3	39.4	2.300	0.1	0.0			53.5	88.4	N	2.650	100.0	100.0	0.0	2.881	0.00	0.00	2
313.6	Coal																			
314.1	118	6.4	5.5	44.8	2.164	-0.2	0.0			45.0	99.6	N	2.650	100.0	100.0	0.0	2.838	0.00	0.00	1
314.6	121	5.9	4.0	43.6	2.362	0.0	0.0			52.6	97.2	N	2.650	100.0	100.0	0.0	2.945	0.00	0.00	1
315.0	122	6.1	4.1	48.6	2.321	0.1	0.0			52.0	100.0	N	2.650	100.0	100.0	0.0	2.942	0.00	0.00	1
315.5	110	5.4	3.9	47.6	2.283	0.0					100.0	N	2.650	100.0	100.0	0.0	2.919	0.00	0.00	1
315.9	116	5.2	3.3	45.0	2.313	0.0					100.0	N	2.650	100.0	100.0	0.0	2.924	0.00	0.00	1
316.4	112	5.9	4.7	33.6	2.397	-0.2					76.4	N	2.650	100.0	100.0	0.0	2.898	0.00	0.00	2

Zone No. 3 INGLEBY - 1 GAS AND FUEL EXPLORATION N.L. Complex Lithology Results 07-10-91

DEPTH M	GR	RT	RXO	PHIN	RHOB	DD	SPI	SWU	SXOU	PHIS	VCL	FVCL	RHOMAU	SXO	SW	PHIE	RHOMA	POR-M	HC-M	FLAGS
316.8	110	6.9	6.8	40.1	2.314	0.0					90.0	N	2.650	100.0	100.0	0.0	2.895	0.00	0.00	2
317.3	96	5.9	3.9	47.1	2.285	-0.1		100.0	100.0		94.6	GR	2.650	100.0	100.0	0.4	2.918	0.00	0.00	8
317.8	106	5.8	3.6	47.1	2.309	0.1					100.0	N	2.650	100.0	100.0	0.0	2.931	0.00	0.00	1
318.2	104	6.0	4.9	44.9	2.349	0.1					99.8	N	2.650	100.0	100.0	0.0	2.944	0.00	0.00	1
318.7	107	5.8	3.7	44.1	2.353	0.2					98.2	N	2.650	100.0	100.0	0.0	2.942	0.00	0.00	1
319.1	92	5.7	3.8	44.1	2.360	0.2		124.3	144.0		89.4	GR	2.650	100.0	100.0	1.2	2.946	0.00	0.00	8
319.6	105	5.6	3.8	46.8	2.304	0.0					100.0	N	2.650	100.0	100.0	0.0	2.927	0.00	0.00	1
320.0	107	5.4	4.1	46.3	2.359	0.2					100.0	N	2.650	100.0	100.0	0.0	2.955	0.00	0.00	1
320.5	111	5.7	4.2	42.5	2.323	0.0					94.9	N	2.650	100.0	100.0	0.0	2.917	0.00	0.00	2
321.0	109	5.7	4.4	41.6	2.348	0.1					92.9	N	2.650	100.0	100.0	0.0	2.926	0.00	0.00	2
321.4	118	5.8	4.6	51.0	2.237	0.2					100.0	N	2.650	100.0	100.0	0.0	2.908	0.00	0.00	1
321.9	112	6.2	4.4	51.1	2.309	0.2					100.0	N	2.650	100.0	100.0	0.0	2.942	0.00	0.00	1
322.3	115	6.1	5.4	50.4	2.302	0.1					100.0	N	2.650	100.0	100.0	0.0	2.938	0.00	0.00	1
322.8	135	6.0	5.3	50.9	2.329	0.1					100.0	N	2.650	100.0	100.0	0.0	2.951	0.00	0.00	1
323.2	129	5.2	5.2	40.5	2.315	-0.3					90.7	N	2.650	100.0	100.0	0.0	2.898	0.00	0.00	2
323.7	139	5.6	5.6	33.2	2.398	0.4					75.6	N	2.650	100.0	100.0	0.0	2.852	0.00	0.00	2 4
324.2	132	3.1	3.1		2.423	0.1					100.0	GR	2.650	100.0	100.0	0.0	2.917	0.00	0.00	1
324.6		4.9	4.9		2.396	-0.1					100.0	RT	2.650	100.0	100.0	0.0	2.917	0.00	0.00	1
325.1		4.9	4.9		2.332	-0.2					100.0	RT	2.650	100.0	100.0	0.0	2.917	0.00	0.00	1

Hydrocarbon Volume Report

Cut off parameters

1. PHIE less than 0.050
2. SW greater than 0.500
3. VCL greater than 0.300

Zone no. 3 From 240.030 To 325.069 M

Total depth interval	=	85.039 M
Net Pay depth interval	=	0.000 M
Average effective porosity	=	0.00 %
Average water saturation	=	0.00 %
Average volume of clay	=	0.00 %
Integrated net porosity	=	0.000 M
Integrated hydrocarbon porosity	=	0.000 M