

FINAL CORE ANALYSIS REPORT

PARA et al CAMERON

K-74

AGAT[®] Laboratories



CORE SERVICES DIVISION

N.E.B. COPY

AGAT[®] Laboratories



FINAL CORE ANALYSIS REPORT

PARA et al CAMERON

K-74

Prepared for:

PARAMOUNT RESOURCES LTD.

RC10767

March, 2003

"In Pursuit of Excellence"

- AIHA Accredited
- CAEAL Accredited
- Registered with APEGGA

TABLE OF CONTENTS

	PAGE
Final Core Analysis Data	1
Quality Control Report.....	4
Calculated Data Report	8
Grouping by Porosity Ranges	11
Grouping by Permeability Ranges.....	12
Statistical Data for Porosity and Permeability Histogram - Porosity Cut Off	13
Statistical Data for Porosity and Permeability Histogram - Permeability Cut Off	14
Summary of Core Data Report	15
Grain Density Frequency Distribution	Figure 1
Porosity Frequency Distribution	Figure 2
Permeability Kmax Frequency Distribution	Figure 3
Porosity - Permeability (Kmax) Correlation	Figure 4

General Information

General Lithological Descriptions

Sample Handling and Analysis Information

Abbreviations

Core Log

CORE ANALYSIS DATA

PARA et al CAMERON
K-74

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 1
 DATE : 18-Mar-2003
 W/O No : RC10767

ROUTINE CORE ANALYSIS

Sample	interval (m)		Rep Thick (m)	Sample Length (m)	Gas Permeability					Capacity Kmax mD·m	Porosity	Capacity Ø·m	Density (Kg/m³)		Residual Saturation		Remarks
	Top	Base			Kmax (mD)	K90 (mD)	Kv (mD)	Bulk	Grain				Oil	Water			
CORE NO. 1 1420.40 - 1438.40 (CUT / RECEIVED = 18.00 / 18.00 m TOTAL BOXES = 17)																	
001	1420.40	1421.98	1.58	0.09	3.63	*	0.12	37.2	*	5.74	0.013	0.021	2660	2700	0.603	0.171	ls:vfxln:fracs
002	1421.98	1423.14	1.16	0.12	0.71		0.69	0.13		0.82	0.020	0.023	2660	2710	0.444	0.222	ls:vfxln:arglam:fracs
003	1423.14	1423.88	0.74	0.10	1.48	*	0.67	3.75	*	1.10	0.024	0.018	2640	2710	0.368	0.092	ls:vfxln:arglam:fracs
004	1423.88	1424.10	0.22	0.09	7.66	*	0.78	6.24	*	1.69	0.061	0.013	2650	2830	0.146	0.073	dol:vf-fxln:calc:fracs
005	1424.10	1424.42	0.32	0.11	3.66	*	0.34	25.6	*	1.17	0.058	0.019	2670	2840	0.174	0.077	dol:vf-fxln:arglam:fracs
006	1424.42	1424.66	0.24	0.10	0.21		0.18	0.03		0.05	0.083	0.020	2600	2830	0.200	0.187	dol:vf-fxln:arglam:fracs
007	1424.66	1425.02	0.36	0.11	0.79		0.35	0.01		0.28	0.080	0.029	2620	2840	0.152	0.138	dol:vf-fxln:arglam:pyr:fracs
008	1425.02	1425.23	0.21	0.09	3.27		2.61	2.14		0.69	0.077	0.016	2590	2810	0.128	0.284	dol:vfxln:calc:fracs
009	1425.23	1425.59	0.36	0.08	1.12		0.55	0.16		0.40	0.079	0.028	2620	2840	0.184	0.170	dol:vfxln:arglam:fracs
010	1425.59	1425.88	0.29	0.10	2.77		1.30	0.06		0.80	0.080	0.023	2600	2830	0.152	0.331	dol:vfxln:arglam:pyr:fracs
011	1425.88	1426.10	0.22	0.09	0.52		0.23	0.04		0.11	0.073	0.016	2620	2830	0.227	0.121	dol:vf-mxln:arglam
012	1426.10	1426.30	0.20	0.11	0.77		0.57	0.33		0.15	0.074	0.015	2620	2830	0.134	0.090	dol:vf-mxln:arglam:pyr:fracs
013	1426.30	1426.46	0.16	0.09	0.95		0.77	0.08		0.15	0.093	0.015	2570	2840	0.153	0.047	dol:vfxln:arglam:calc:pyr:fracs
014	1426.46	1426.72	0.26	0.08	0.80		0.66	0.12		0.21	0.121	0.031	2490	2830	0.411	0.368	dol:vfxln:arglam:pyr:fracs
015	1426.72	1427.06	0.34	0.06	3.24		2.64	0.05		1.10	0.077	0.026	2620	2840	0.129	0.057	dol:vf-fxln:vugs:fracs
016	1427.06	1427.27	0.21	0.07	0.13		0.09	0.01		0.03	0.046	0.010	2700	2830	0.271	0.049	dol:vf-fxln:ppvugs:fracs
017	1427.27	1427.49	0.22	0.12	1.08		0.86	0.03		0.24	0.051	0.011	2690	2830	0.199	0.044	dol:vf-fxln:scatppvugs:lam:pyr:hfracs
SP018	1427.49	1427.77	0.28	-	0.05		-	-		0.01	0.042	0.012	2710	2830	0.244	0.054	dol:vf-fxln
019	1427.77	1428.43	0.66	0.10	17.7		16.7	1.25		11.7	0.062	0.041	2670	2850	0.163	0.036	dol:vf-fxln:scatvugs:pyr:fracs

* - affected by fracture or crack as mentioned in remarks

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 2
 DATE : 18-Mar-2003
 W/O No : RC10767

ROUTINE CORE ANALYSIS

Sample	interval (m)		Rep Thick (m)	Sample Length (m)	Gas Permeability					Capacity Kmax mD·m	Porosity	Capacity Ø·m	Density (Kg/m³)		Residual Saturation		Remarks
	Top	Base			Kmax (mD)	K90 (mD)	Kv (mD)						Bulk	Grain	Oil	Water	
020	1428.43	1428.65	0.22	0.11	195.	*	17.9	46.3	*	42.9	0.051	0.011	2700	2840	0.200	0.044	dol:vf-fxln:arglam:pyr:fracs
021	1428.65	1429.16	0.51	0.11	67.3	*	3.17	30.2	*	34.3	0.038	0.019	2730	2840	0.271	0.060	dol:vf-fgr:arglam:pyr:fracs
022	1429.16	1429.52	0.36	0.07	503.	*	44.6	1070.	*	181.	0.066	0.024	2650	2840	0.152	0.034	dol:vf-fxln:ppvugs:lam:pyr:fracs
023	1429.52	1429.89	0.37	0.07	5.33		4.94	22.5	*	1.97	0.075	0.028	2620	2840	0.132	0.029	dol:vf-fxln:ppvugs:lam:pyr:fracs
024	1429.89	1430.14	0.25	0.08	249.	*	190.	*	896.	*	62.3	0.043	2720	2840	0.360	0.055	dol:vf-fxln:ppvugs:fracs
SP025	1430.14	1430.50	0.36	-	6.30		-	-		2.27	0.055	0.020	2680	2840	0.266	0.041	dol:vf-fxln:ppvugs:fracs
026	1430.50	1431.02	0.52	0.08	68.4	*	5.49	38.6	*	35.6	0.080	0.042	2610	2840	0.126	0.139	dol:vf-fxln:scatppvugs:lam:fracs
NA	1431.02	1431.05	0.03	-	-		-	-		-	-	-	-	-	-	-	sh:dol
027	1431.05	1431.28	0.23	0.07	95.3	*	0.04	12.5	*	21.9	0.043	0.010	2720	2850	0.239	0.159	dol:vf-fxln:pyr:vfracs
028	1431.28	1431.44	0.16	0.06	0.06		0.04	0.01		0.01	0.045	0.007	2720	2850	0.228	0.051	dol:vf-fxln:pyr
029	1431.44	1431.60	0.16	0.07	0.05		0.05	0.01		0.01	0.055	0.009	2670	2830	0.183	0.041	dol:vf-fxln:scatppvugs:pyr
030	1431.60	1431.76	0.16	0.08	7.23	*	0.04	166.	*	1.16	0.045	0.007	2700	2830	0.227	0.050	dol:vf-fxln:arglam:pyr:vfracs
031	1431.76	1432.04	0.28	0.07	5.46		3.25	0.04		1.53	0.094	0.026	2580	2850	0.151	0.023	dol:vf-fxln:arglam:pyr:fracs
001P	1432.04	1432.33	0.29	0.11	336.		198.	99.3		97.4	0.147	0.043	2430	2850	0.216	0.094	dol:vf-fxln:ppvugs:pyr
002P	1432.33	1432.62	0.29	0.12	602.		581.	94.9		175.	0.125	0.036	2490	2840	0.197	0.041	dol:vf-fxln:ppvugs:pyr:fracs
032	1432.62	1432.85	0.23	0.06	94.1		27.3	31.1	*	21.6	0.118	0.027	2490	2820	0.155	0.036	dol:vf-fxln:vugs:lam:pyr:fracs
033	1432.85	1433.04	0.19	0.07	337.		274.	21.6		64.0	0.108	0.021	2530	2840	0.148	0.040	dol:vf-fxln:ppvugs:fracs
003P	1433.04	1433.45	0.41	0.11	1000.		871.	184.		410.	0.136	0.056	2460	2840	0.196	0.056	dol:vf-fxln:ppvugs:fracs
004P	1433.45	1433.65	0.20	0.11	594.		493.	276.		119.	0.133	0.027	2470	2850	0.124	0.019	dol:vf-fxln:ppvugs:pyr
005P	1433.65	1433.98	0.33	0.11	887.		773.	340.		293.	0.122	0.040	2510	2860	0.093	0.021	dol:vf-fxln:ppvugs:pyr:vfracs
034	1433.98	1434.54	0.56	0.10	137.		115.	3.90		76.7	0.054	0.030	2700	2850	0.188	0.042	dol:vf-fxln:vugs:pyr:fracs

* - affected by fracture or crack as mentioned in remarks

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 3
 DATE : 18-Mar-2003
 W/O No : RC10767

ROUTINE CORE ANALYSIS

Sample	interval (m)		Rep Thick (m)	Sample Length (m)	Gas Permeability			Capacity Kmax mD·m	Porosity	Capacity Ø·m	Density (Kg/m³)		Residual Saturation		Remarks
	Top	Base			Kmax (mD)	K90 (mD)	Kv (mD)				Bulk	Grain	Oil	Water	
035	1434.54	1435.14	0.60	0.10	404.	164.	12.7	242.	0.105	0.063	2540	2840	0.092	0.021	dol:vf-fxln:ppvugs:styl:pyr:fracs
SP036	1435.14	1435.28	0.14	-	0.05	-	-	0.01	0.007	0.001	2810	2830	0.168	0.034	dol:vfxfn:ppvugs:fracs
037	1435.28	1436.27	0.99	0.06	161.	* 6.96	211.	* 159.	0.048	0.048	2690	2820	0.306	0.047	dol:vf-fxln:ppvugs:fracs
SP038	1436.27	1436.48	0.21	-	10.6	-	-	2.23	0.068	0.014	2670	2870	0.148	0.033	dol:vf-fxln:ppvugs:pyr:fracs
039	1436.48	1436.77	0.29	0.08	1.75	1.66	0.33	0.51	0.090	0.026	2580	2840	0.109	0.073	dol:vfxfn:ppvugs:lam:pyr
040	1436.77	1437.00	0.23	0.10	3.74	2.52	0.20	0.86	0.082	0.019	2620	2860	0.122	0.027	dol:vfxfn:ppvugs:lam:pyr:vfracs
041	1437.00	1437.70	0.70	0.05	485.	* 6.95	576.	* 340.	0.051	0.036	2670	2810	0.242	0.044	dol:vfxfn:ppvugs:styl:pyr:fracs
NA	1437.70	1438.40	0.70	-	-	-	-	-	-	-	-	-	-	-	dol:sh

* - affected by fracture or crack as mentioned in remarks



COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : K-74
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON
DRILLING FLUID : WATER BASE MUD

PAGE : 4
DATE : 18-Mar-2003
W/O No : RC10767

CORE ANALYSIS - QUALITY CONTROL REPORT

CORE NO. 1 1420.40 - 1438.40 (CUT / RECEIVED = 18.00 / 18.00 m TOTAL BOXES = 17)

001	1420.40 - 1421.98	
002	1421.98 - 1423.14	
- Kv	(0.13) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.01 - 0.04)	vertical fractures;results verified
003	1423.14 - 1423.88	
004	1423.88 - 1424.10	
005	1424.10 - 1424.42	
006	1424.42 - 1424.66	
- KMax	(0.21) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.97 - 34.8)	results verified
- K90	(0.18) IS OUTSIDE FOUR STANDARD DEVIATIONS (1.26 - 45.4)	results verified
- Kv	(0.03) IS OUTSIDE FOUR STANDARD DEVIATIONS (1.27 - 45.6)	results verified
007	1424.66 - 1425.02	
- K90	(0.35) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.96 - 34.6)	results verified
- Kv	(0.01) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.9 - 32.4)	results verified
008	1425.02 - 1425.23	
009	1425.23 - 1425.59	
- K90	(0.55) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.88 - 31.6)	results verified
- Kv	(0.16) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.8 - 29)	results verified
010	1425.59 - 1425.88	
- Kv	(0.06) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.9 - 32.4)	results verified
011	1425.88 - 1426.10	
- K90	(0.23) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.51 - 18.3)	results verified
- Kv	(0.04) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.41 - 14.6)	results verified
012	1426.10 - 1426.30	



COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : K-74
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON
DRILLING FLUID : WATER BASE MUD

PAGE : 5
DATE : 18-Mar-2003
W/O No : RC10767

CORE ANALYSIS - QUALITY CONTROL REPORT

- Kv (0.33) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.46 - 16.4)	results verified
013 1426.30 - 1426.46	
- KMax (0.95) IS OUTSIDE FOUR STANDARD DEVIATIONS (2.48 - 89.2)	results verified
- K90 (0.77) IS OUTSIDE FOUR STANDARD DEVIATIONS (3.12 - 112)	results verified
- Kv (0.08) IS OUTSIDE FOUR STANDARD DEVIATIONS (3.95 - 142)	results verified
014 1426.46 - 1426.72	
- KMax (0.80) IS OUTSIDE FOUR STANDARD DEVIATIONS (34.7 - 1250)	results verified
- K90 (0.66) IS OUTSIDE FOUR STANDARD DEVIATIONS (39.6 - 1430)	results verified
- Kv (0.12) IS OUTSIDE FOUR STANDARD DEVIATIONS (95.1 - 3420)	results verified
015 1426.72 - 1427.06	
- Kv (0.05) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.64 - 23.1)	results verified
016 1427.06 - 1427.27	
- Kv (0.01) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.02 - 0.68)	results verified
017 1427.27 - 1427.49	
SP018 1427.49 - 1427.77	
019 1427.77 - 1428.43	
- KMax (17.7) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.13 - 4.81)	horizontal fractures;results verified
- K90 (16.7) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.19 - 6.76)	horizontal fractures;results verified
020 1428.43 - 1428.65	
- K90 (17.9) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.07 - 2.49)	horizontal fractures;results verified
021 1428.65 - 1429.16	
- K90 (3.17) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.02 - 0.77)	horizontal fractures;results verified
022 1429.16 - 1429.52	
- K90 (44.6) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.27 - 9.71)	horizontal fractures;results verified
023 1429.52 - 1429.89	
024 1429.89 - 1430.14	



COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : K-74
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON
DRILLING FLUID : WATER BASE MUD

PAGE : 6
DATE : 18-Mar-2003
W/O No : RC10767

CORE ANALYSIS - QUALITY CONTROL REPORT

SP025	1430.14 - 1430.50	
- KMax (6.30)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.07 - 2.48)	fractures;results verified
026	1430.50 - 1431.02	
NA	1431.02 - 1431.05	
027	1431.05 - 1431.28	
028	1431.28 - 1431.44	
- Kv (0.01)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.02 - 0.61)	results verified
029	1431.44 - 1431.60	
- KMax (0.05)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.07 - 2.48)	results verified
- K90 (0.05)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.1 - 3.58)	results verified
- Kv (0.01)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.05 - 1.89)	results verified
030	1431.60 - 1431.76	
031	1431.76 - 1432.04	
- K90 (3.25)	IS OUTSIDE FOUR STANDARD DEVIATIONS (3.42 - 123)	results verified
- Kv (0.04)	IS OUTSIDE FOUR STANDARD DEVIATIONS (4.42 - 159)	results verified
001P	1432.04 - 1432.33	
- KMax (336.)	IS OUTSIDE FOUR STANDARD DEVIATIONS (402 - 10000)	results verified
- K90 (198.)	IS OUTSIDE FOUR STANDARD DEVIATIONS (419 - 10000)	results verified
- Kv (99.3)	IS OUTSIDE FOUR STANDARD DEVIATIONS (1820 - 10000)	results verified
002P	1432.33 - 1432.62	
- Kv (94.9)	IS OUTSIDE FOUR STANDARD DEVIATIONS (150 - 5390)	results verified
032	1432.62 - 1432.85	
- K90 (27.3)	IS OUTSIDE FOUR STANDARD DEVIATIONS (30.2 - 1090)	results verified
033	1432.85 - 1433.04	
- Kv (21.6)	IS OUTSIDE FOUR STANDARD DEVIATIONS (21.7 - 781)	results verified
003P	1433.04 - 1433.45	
- Kv (184.)	IS OUTSIDE FOUR STANDARD DEVIATIONS (523 - 10000)	results verified
004P	1433.45 - 1433.65	

COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : K-74
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON
DRILLING FLUID : WATER BASE MUD

PAGE : 7
DATE : 18-Mar-2003
W/O No : RC10767

CORE ANALYSIS - QUALITY CONTROL REPORT

- Kv (276.) IS OUTSIDE FOUR STANDARD DEVIATIONS (372 - 10000)
005P 1433.65 - 1433.98
034 1433.98 - 1434.54
- KMax (137.) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.06 - 2.26)
- K90 (115.) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.09 - 3.27)
- Kv (3.90) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.05 - 1.69)
035 1434.54 - 1435.14
- KMax (404.) IS OUTSIDE FOUR STANDARD DEVIATIONS (7.68 - 276)
- Kv (12.7) IS OUTSIDE FOUR STANDARD DEVIATIONS (15.4 - 556)
SP036 1435.14 - 1435.28
037 1435.28 - 1436.27
- K90 (6.96) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.05 - 1.9)
SP038 1436.27 - 1436.48
- KMax (10.6) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.23 - 8.46)
039 1436.48 - 1436.77
- KMax (1.75) IS OUTSIDE FOUR STANDARD DEVIATIONS (1.87 - 67.2)
- K90 (1.66) IS OUTSIDE FOUR STANDARD DEVIATIONS (2.38 - 85.7)
- Kv (0.33) IS OUTSIDE FOUR STANDARD DEVIATIONS (2.81 - 101)
040 1436.77 - 1437.00
- Kv (0.20) IS OUTSIDE FOUR STANDARD DEVIATIONS (1.13 - 40.7)
041 1437.00 - 1437.70
- K90 (6.95) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.07 - 2.49)
NA 1437.70 - 1438.40

results verified

horizontal fractures;results verified
horizontal fractures;results verified
vertical fractures;results verified

horizontal fractures;results verified
vertical fractures;results verified

horizontal fractures;results verified

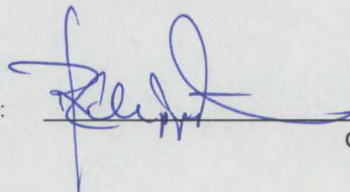
fractures;results verified

results verified
results verified
results verified

results verified

horizontal fractures;results verified

Approved :



Quality Control Supervisor

18-Mar-2003

Date

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 8
 DATE : 18-Mar-2003
 W/O No : RC10767

CALCULATED DATA REPORT

Sample	interval (m)		Rep Thick (m)	Rep Cuml. (m)	Porosity	Porosity *		Wt. Avg. Porosity (Arith.)	Kmax (mD)	Kmax *		Wt.Avg Kmax (Arith.)
	Top	Base				Rep. Ø·m	Thickness Cuml.			Rep mD·m	Thickness Cuml.	
CORE NO. 1 1420.40 - 1438.40 (CUT / RECEIVED = 18.00 / 18.00 m TOTAL BOXES = 17)												
001	1420.40	1421.98	1.58	1.58	0.013	0.021	0.021	0.013	3.63	5.74	5.74	3.63
002	1421.98	1423.14	1.16	2.74	0.020	0.023	0.044	0.016	0.71	0.82	6.56	2.39
003	1423.14	1423.88	0.74	3.48	0.024	0.018	0.062	0.018	1.48	1.10	7.65	2.20
004	1423.88	1424.10	0.22	3.70	0.061	0.013	0.075	0.020	7.66	1.69	9.34	2.52
005	1424.10	1424.42	0.32	4.02	0.058	0.019	0.094	0.023	3.66	1.17	10.5	2.61
006	1424.42	1424.66	0.24	4.26	0.083	0.020	0.114	0.027	0.21	0.05	10.6	2.48
007	1424.66	1425.02	0.36	4.62	0.080	0.029	0.143	0.031	0.79	0.28	10.8	2.35
008	1425.02	1425.23	0.21	4.83	0.077	0.016	0.159	0.033	3.27	0.69	11.5	2.39
009	1425.23	1425.59	0.36	5.19	0.079	0.028	0.187	0.036	1.12	0.40	11.9	2.30
010	1425.59	1425.88	0.29	5.48	0.080	0.023	0.210	0.038	2.77	0.80	12.7	2.32
011	1425.88	1426.10	0.22	5.70	0.073	0.016	0.226	0.040	0.52	0.11	12.9	2.25
012	1426.10	1426.30	0.20	5.90	0.074	0.015	0.241	0.041	0.77	0.15	13.0	2.20
013	1426.30	1426.46	0.16	6.06	0.093	0.015	0.256	0.042	0.95	0.15	13.2	2.17
014	1426.46	1426.72	0.26	6.32	0.121	0.031	0.287	0.045	0.80	0.21	13.4	2.12
015	1426.72	1427.06	0.34	6.66	0.077	0.026	0.313	0.047	3.24	1.10	14.5	2.17
016	1427.06	1427.27	0.21	6.87	0.046	0.010	0.323	0.047	0.13	0.03	14.5	2.11
017	1427.27	1427.49	0.22	7.09	0.051	0.011	0.334	0.047	1.08	0.24	14.7	2.08
SP018	1427.49	1427.77	0.28	7.37	0.042	0.012	0.346	0.047	0.05	0.01	14.7	2.00

* - affected by fracture or crack as mentioned in remarks



COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 9
 DATE : 18-Mar-2003
 W/O No : RC10767

CALCULATED DATA REPORT

Sample	interval (m)		Rep Thick (m)	Rep Cuml. (m)	Porosity	Porosity *		Wt. Avg. Porosity (Arith.)	Kmax (mD)	Kmax *		Wt.Avg Kmax (Arith.)
	Top	Base				Rep. Ø·m	Thickness Cuml.			Rep mD·m	Thickness Cuml.	
019	1427.77	1428.43	0.66	8.03	0.062	0.041	0.387	0.048	17.7	11.7	26.4	3.29
020	1428.43	1428.65	0.22	8.25	0.051	0.011	0.398	0.048	195.	42.9	69.3	8.40
021	1428.65	1429.16	0.51	8.76	0.038	0.019	0.417	0.048	67.3	34.3	104.	11.8
022	1429.16	1429.52	0.36	9.12	0.066	0.024	0.441	0.048	503.	181.	285.	31.2
023	1429.52	1429.89	0.37	9.49	0.075	0.028	0.469	0.049	5.33	1.97	287.	30.2
024	1429.89	1430.14	0.25	9.74	0.043	0.011	0.480	0.049	249.	62.3	349.	35.8
SP025	1430.14	1430.50	0.36	10.10	0.055	0.020	0.500	0.050	6.30	2.27	351.	34.8
026	1430.50	1431.02	0.52	10.62	0.080	0.042	0.542	0.051	68.4	35.6	387.	36.4
NA	1431.02	1431.05	0.03	-	-	-	-	-	-	-	-	-
027	1431.05	1431.28	0.23	10.85	0.043	0.010	0.552	0.051	95.3	21.9	409.	37.7
028	1431.28	1431.44	0.16	11.01	0.045	0.007	0.559	0.051	0.06	0.01	409.	37.1
029	1431.44	1431.60	0.16	11.17	0.055	0.009	0.568	0.051	0.05	0.01	409.	36.6
030	1431.60	1431.76	0.16	11.33	0.045	0.007	0.575	0.051	7.23	1.16	410.	36.2
031	1431.76	1432.04	0.28	11.61	0.094	0.026	0.601	0.052	5.46	1.53	411.	35.4
001P	1432.04	1432.33	0.29	11.90	0.147	0.043	0.644	0.054	336.	97.4	509.	42.8
002P	1432.33	1432.62	0.29	12.19	0.125	0.036	0.680	0.056	602.	175.	683.	56.1
032	1432.62	1432.85	0.23	12.42	0.118	0.027	0.707	0.057	94.1	21.6	705.	56.8
033	1432.85	1433.04	0.19	12.61	0.108	0.021	0.728	0.058	337.	64.0	769.	61.0
003P	1433.04	1433.45	0.41	13.02	0.136	0.056	0.784	0.060	1000.	410.	1180.	90.6
004P	1433.45	1433.65	0.20	13.22	0.133	0.027	0.811	0.061	594.	119.	1300.	98.3
005P	1433.65	1433.98	0.33	13.55	0.122	0.040	0.851	0.063	887.	293.	1590.	117.

* - affected by fracture or crack as mentioned in remarks



COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 10
 DATE : 18-Mar-2003
 W/O No : RC10767

CALCULATED DATA REPORT

Sample	interval (m)		Rep Thick (m)	Rep Cuml. (m)	Porosity	Porosity *		Wt. Avg. Porosity (Arith.)	Kmax (mD)	Kmax *		Wt.Avg Kmax (Arith.)
	Top	Base				Rep. Ø-m	Thickness Cuml.			Rep mD-m	Thickness Cuml.	
034	1433.98	1434.54	0.56	14.11	0.054	0.030	0.881	0.062	137.	76.7	1670.	118.
035	1434.54	1435.14	0.60	14.71	0.105	0.063	0.944	0.064	404.	242.	1910.	130.
SP036	1435.14	1435.28	0.14	14.85	0.007	0.001	0.945	0.064	0.05	0.01	1910.	129.
037	1435.28	1436.27	0.99	15.84	0.048	0.048	0.993	0.063	161.	159.	2070.	131.
SP038	1436.27	1436.48	0.21	16.05	0.068	0.014	1.007	0.063	10.6	2.23	2070.	129.
039	1436.48	1436.77	0.29	16.34	0.090	0.026	1.033	0.063	1.75	0.51	2070.	127.
040	1436.77	1437.00	0.23	16.57	0.082	0.019	1.052	0.063	3.74	0.86	2070.	125.
041	1437.00	1437.70	0.70	17.27	0.051	0.036	1.088	0.063	485.	340.	2410.	140.
NA	1437.70	1438.40	0.70	-	-	-	-	-	-	-	-	-

* - affected by fracture or crack as mentioned in remarks



COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 11
 DATE : 18-Mar-2003
 W/O No : RC10767

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

GROUPING BY POROSITY RANGES

Porosity Range		Samples		Metres		Wt. Avg. Porosity (Arith.)	Wt. Avg. Kmax		Frequency %	
		In Range	Cuml.	In Range	Cuml.		(Arith.)	Geom	In Rng	Cuml.
0.001 -	0.0190	1	1	0.14	0.14	0.007	0.05	0.05	1.34	1.34
0.020 -	0.0390	1	2	1.16	1.30	0.020	0.71	0.71	11.08	12.42
0.040 -	0.0599	7	9	1.95	3.25	0.051	40.7	1.89	18.62	31.04
0.060 -	0.0799	8	17	2.57	5.82	0.072	7.14	3.91	24.55	55.59
0.080 -	0.0999	7	24	1.85	7.67	0.085	2.26	1.52	17.67	73.26
0.100 -	0.1199	3	27	1.02	8.69	0.108	322.	281.	9.74	83.00
0.120 -	0.1399	5	32	1.49	10.18	0.128	669.	237.	14.23	97.23
0.140 -	0.1599	1	33	0.29	10.47	0.147	336.	336.	2.77	100.00

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 12
 DATE : 18-Mar-2003
 W/O No : RC10767

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

GROUPING BY PERMEABILITY RANGES

Permeability Range		Samples		Metres		Wt. Avg. Porosity (Arith.)	Wt. Avg. Kmax		Frequency %	
		In Range	Cuml.	In Range	Cuml.		(Arith.)	Geom	In Rng	Cuml.
0.040 -	0.0790	4	4	0.74	0.74	0.039	0.05	0.05	7.07	7.07
0.080 -	0.1590	1	5	0.21	0.95	0.046	0.13	0.13	2.01	9.07
0.160 -	0.3190	1	6	0.24	1.19	0.083	0.21	0.21	2.29	11.37
0.320 -	0.6390	1	7	0.22	1.41	0.073	0.52	0.52	2.10	13.47
0.640 -	1.2490	7	14	2.72	4.13	0.056	0.83	0.82	25.98	39.45
1.250 -	2.4990	1	15	0.29	4.42	0.090	1.75	1.75	2.77	42.22
2.500 -	4.9990	4	19	1.07	5.49	0.079	3.23	3.21	10.22	52.44
5.000 -	9.9990	3	22	1.01	6.50	0.073	5.71	5.69	9.65	62.08
10.000 -	19.9990	2	24	0.87	7.37	0.063	16.0	15.6	8.31	70.39
80.000 -	159.9990	2	26	0.79	8.16	0.073	125.	123.	7.55	77.94
320.000 -	639.9990	5	31	1.57	9.73	0.120	444.	431.	15.00	92.93
640.000 -	1279.9990	2	33	0.74	10.47	0.130	950.	947.	7.07	100.00

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 13
 DATE : 18-Mar-2003
 W/O No : RC10767

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM
POROSITY-METRES OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

Porosity Cut off	Metres		Capacity Lost		Capacity Remaining		Wt. Avg. Arith.	
	Lost	Remaining	Por-Metres	%	Por-Metres	%	Mean	Median
-	0.00	17.27	-	0.00	1.086	100.00	0.063	
0.020	2.88	14.39	0.045	4.12	1.042	95.88	0.072	
0.040	4.13	13.14	0.082	7.53	1.005	92.47	0.076	
0.060	8.95	8.32	0.321	29.58	0.765	70.42	0.092	
0.080	13.27	4.00	0.637	58.61	0.450	41.39	0.112	
0.100	14.47	2.80	0.743	68.37	0.344	31.63	0.123	
0.120	15.49	1.78	0.854	78.56	0.233	21.44	0.131	
0.140	16.98	0.29	1.044	96.08	0.043	3.92	0.147	
0.160	17.27	0.00	1.086	100.00	-	0.00	0.00	

Total Storage Capacity in Porosity-Metres = 1.086

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : K-74
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON
 DRILLING FLUID : WATER BASE MUD

PAGE : 14
 DATE : 18-Mar-2003
 W/O No : RC10767

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM
MILLIDARCY-METRES OF FLOW CAPACITY FOR SELECTED PERMEABILITY CUT OFF

Permeability Cut off	Metres		Capacity Lost		Capacity Remaining		Wt. Avg. Arith.	
	Lost	Remaining	mD-m	%	mD-m	%	Mean	Median
0.040	0.00	10.47	0.000	0.00	1524.453	100.00	0.000	
0.080	0.74	9.73	0.039	0.00	1524.414	100.00	0.039	
0.160	0.95	9.52	0.066	0.00	1524.387	100.00	0.105	
0.320	1.19	9.28	0.116	0.01	1524.336	99.99	0.221	
0.640	1.41	9.06	0.231	0.02	1524.222	99.98	0.452	
1.250	4.13	6.34	2.494	0.16	1521.959	99.84	2.945	
2.500	4.42	6.05	3.001	0.20	1521.452	99.80	5.946	
5.000	5.49	4.98	6.453	0.42	1518.000	99.58	12.399	
10.000	6.50	3.97	12.222	0.80	1512.231	99.20	24.621	
20.000	7.37	3.10	26.130	1.71	1498.323	98.29	50.750	
40.000	7.37	3.10	26.130	1.71	1498.323	98.29	76.880	
80.000	7.37	3.10	26.130	1.71	1498.323	98.29	103.010	
160.000	8.16	2.31	124.493	8.17	1399.960	91.83	227.502	
320.000	8.16	2.31	124.493	8.17	1399.960	91.83	351.995	
640.000	9.73	0.74	821.743	53.90	702.710	46.10	1173.738	
1280.000	10.47	0.00	1524.453	100.00	0.000	0.00	2698.190	

Total Flow Capacity in MilliDarcy-Metres (Arithmetic) = 1524.453



COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : K-74
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON
DRILLING FLUID : WATER BASE MUD

PAGE : 15
DATE : 18-Mar-2003
W/O No : RC10767

SUMMARY OF CORE DATA REPORT
PERMEABILITY RANGES, MILLIDARCY

	Total	100.00 +	10.00 - 99.99	1.00 - 9.99	0.50 - 0.99	0.10 - 0.49	0.01 - 0.09	< 0.01
Thickness (m)	10.47	2.87	1.10	2.95	2.36	0.45	0.74	0.00
Fraction of Analyzed Core		0.274	0.105	0.282	0.225	0.043	0.071	0.000
Porosity Thickness (por-m)	0.809	0.315	0.082	0.224	0.129	0.030	0.029	0.000
Permeability Thickness (mD-m)	1524.45	1476.68	35.55	10.37	1.74	0.08	0.04	0.00
Wt. Average Porosity	0.077	0.110	0.075	0.076	0.055	0.066	0.039	0.000
Wt. Average Permeability	145.6	514.52	32.32	3.51	0.74	0.17	0.05	0.00
Wt. Average Residual Oil	0.255	0.205	0.183	0.305	0.330	0.233	0.213	0.000
Wt. Average Residual Water	0.095	0.043	0.076	0.116	0.193	0.123	0.047	0.000

Wt. Average (geom.) Kmax. mD for all Samples = 6.94

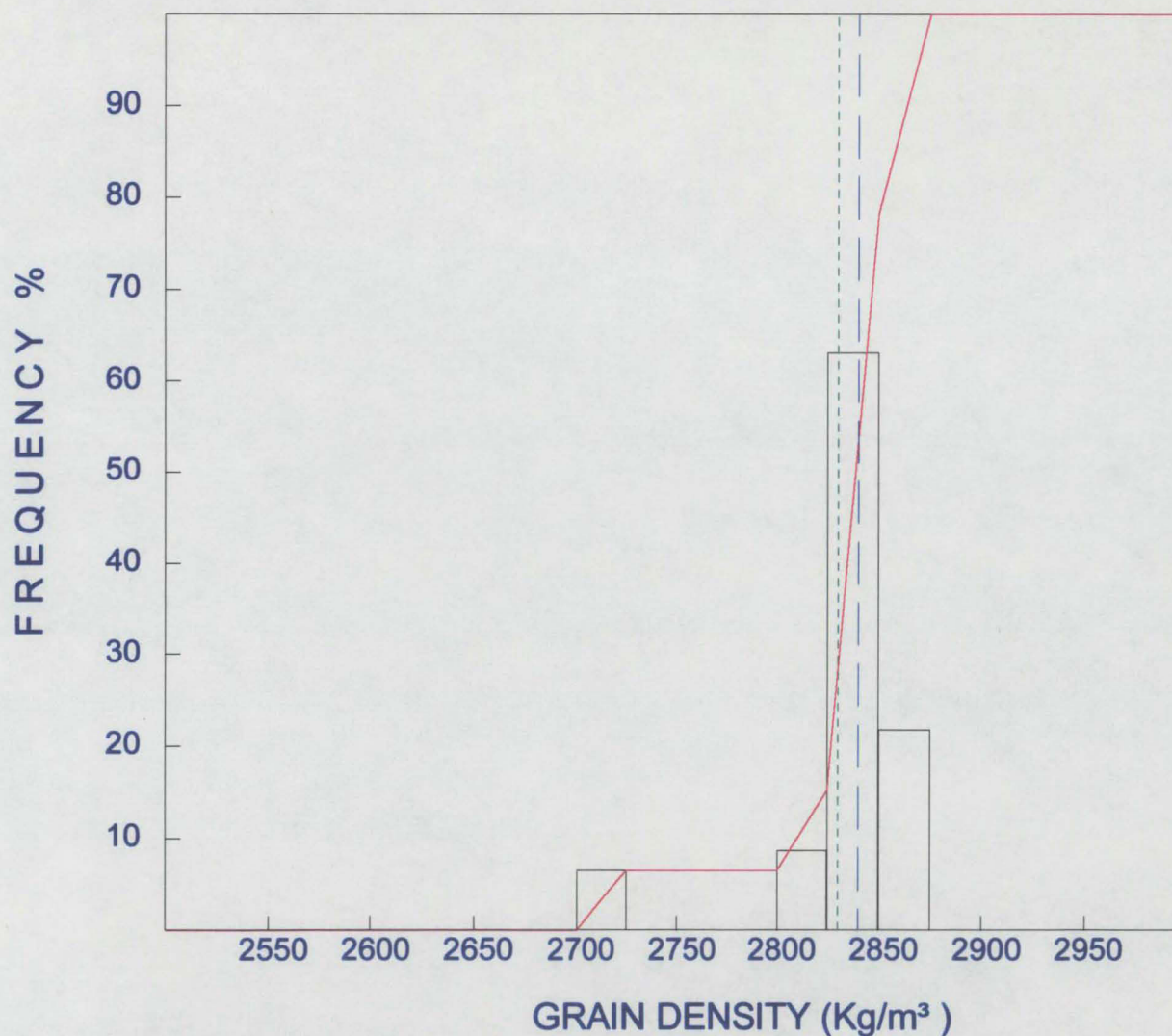
Wt. Average (harm.) Kmax. mD for all Samples = 0.49



Company : PARAMOUNT RESOURCES LTD.
Location : K-74
Well Name : PARA et al CAMERON
Interval : 1420.40 - 1438.40
Formation : SULPHUR POINT

FIGURE : 1
Date : 18-Mar-2003
AGAT Job : RC10767

GRAIN DENSITY DISTRIBUTION



Arithmetic Mean
Median
Cum. Frequency %

.....

—————

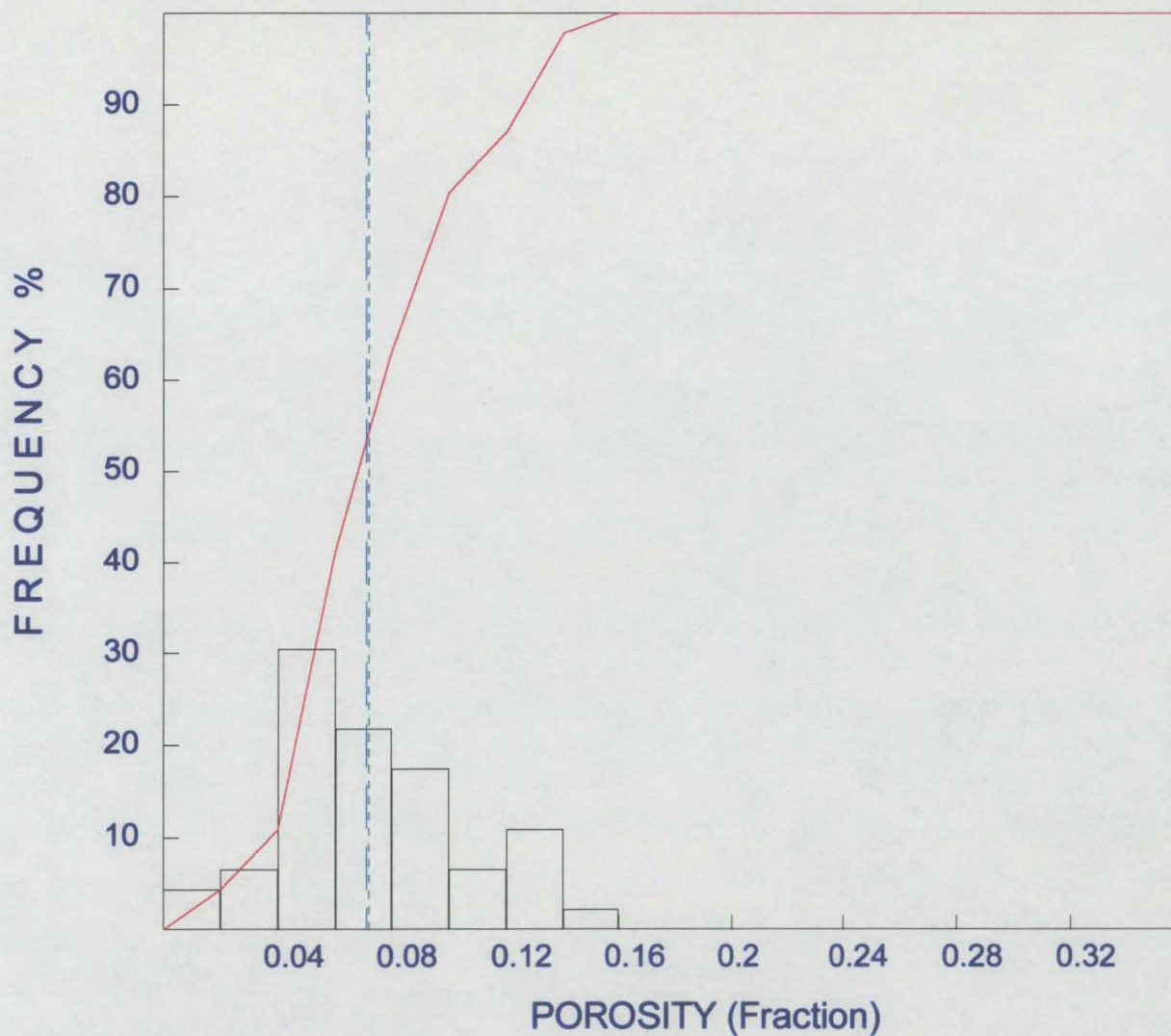
Mean: 2830
Median: 2840



Company : PARAMOUNT RESOURCES LTD.
Location : K-74
Well Name : PARA et al CAMERON
Interval : 1420.40 - 1438.40
Formation : SULPHUR POINT

FIGURE : 2
Date : 18-Mar-2003
AGAT Job : RC10767

POROSITY DISTRIBUTION



Arithmetic Mean

Median

Cum. Frequency %

.....

Mean: 0.072

Median: 0.071

AGAT® Laboratories



Company : PARAMOUNT RESOURCES LTD.

Location : K-74

Well Name : PARA et al CAMERON

Interval : 1420.40 - 1438.40

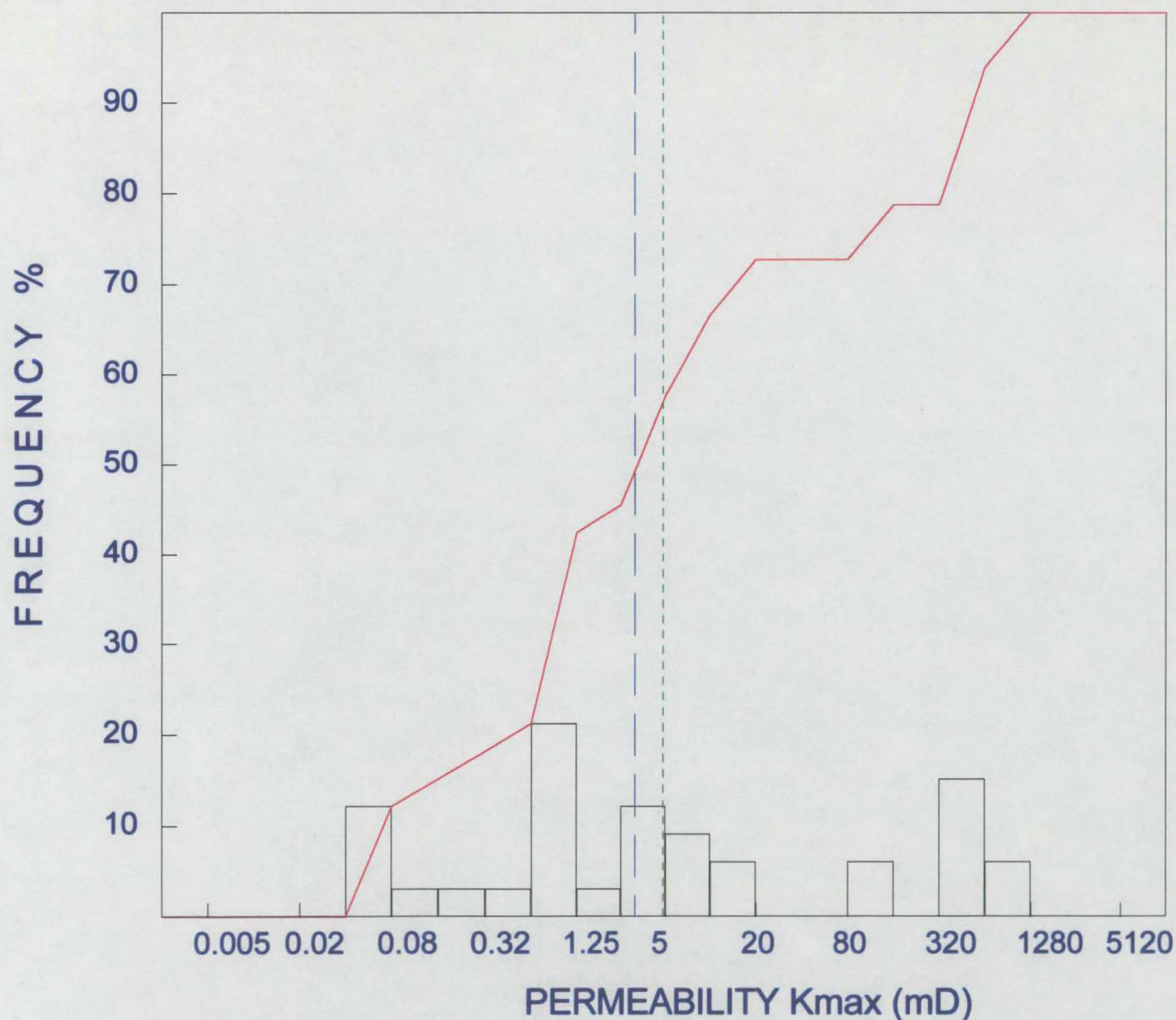
Formation : SULPHUR POINT

FIGURE : 3

Date : 18-Mar-2003

AGAT Job : RC10767

PERMEABILITY Kmax DISTRIBUTION



Arithmetic Mean

Median

Cum. Frequency %

.....

Mean: 4.85

Median: 3.24

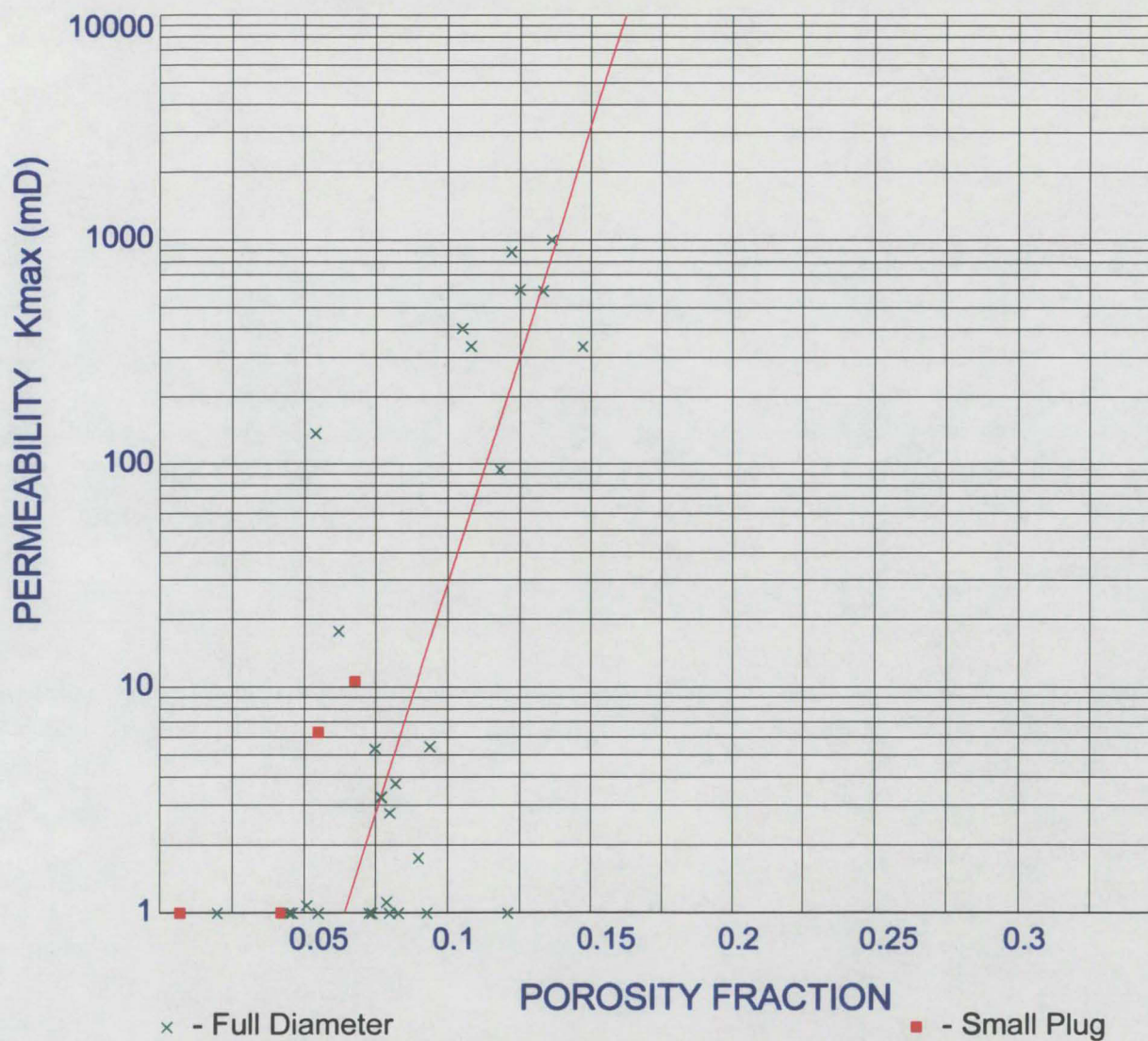
AGAT® Laboratories



Company : PARAMOUNT RESOURCES LTD.
Location : K-74
Well Name : PARA et al CAMERON
Interval : 1420.40 - 1438.40
Formation : SULPHUR POINT

FIGURE : 4
Date : 18-Mar-2003
AGAT Job : RC10767

POROSITY-PERMEABILITY CORRELATION



Equation of Line : $\text{Log (Kmax)} = -2.63 + 40.92 \times \text{Porosity}$
Correlation Coefficient $r = 0.74$

GENERAL LITHOLOGICAL DESCRIPTIONS

Company : PARAMOUNT RESOURCES LTD.
 Well : PARA et al CAMERON
 Location : K - 74
 Formation : SULPHUR POINT
 Drilling Fluid : WATER BASE MUD

DATE: 03-18-2003
 W/O Number : RC10767
 Cored Interval : 1) 1420.40-1438.40m

Recovery : 1) 18.00m

GENERAL LITHOLOGICAL DESCRIPTIONS

CORE	DEPTH INTERVAL	CORE ANALYSIS	LITHOLOGY	REMARKS
1	1420.40-1423.88	001-003	Limestone	Light grey-beige limestone; hard; microcrystalline to very fine crystalline; brecciated; common subangular lime-mudstone clasts floating in a very fine crystalline, slightly dolomitic matrix; trace micropyrte; local argillaceous laminae; rare low amplitude stylolites; local horizontal and vertical fractures; at about 1421.15m slickensides surface lined with green waxy shale. Tight; patchy oil stain with yellow fluorescence; patchy yellow chloroethane cut.
1	1423.88-1432.04	004-031	Dolomite	Light to medium grey dolomite; hard; microcrystalline to medium crystalline; trace micropyrte; patchy pinpoint vugs; rare medium size vugs lined with sparry calcite; occasional dark grey, fissile shale thin beds; common horizontal and vertical fractures; towards the top brecciated dolomite clasts floating in dark grey shale matrix; gradational base. Fair to poor intergranular and pinpoint porosity (locally good intergranular and pinpoint porosity); patchy oil stain with yellow fluorescence; patchy yellow chloroethane cut.
1	1432.04-1433.98	001P-005P 032-033	Dolomite	Medium brown oil stained dolomite; hard; microcrystalline to very fine crystalline; trace micropyrte; rare thin argillaceous laminae; occasional voids filled with sparry calcite; abundant pinpoint vugs with lesser amount of small to medium size vugs; local horizontal and vertical fractures; gradational base. Good to locally fair intercrystalline and vuggy porosity; even oil stain with orange-yellow fluorescence; even yellow chloroethane cut.

Company : PARAMOUNT RESOURCES LTD.
Well : PARA et al CAMERON
Location : K - 74
Formation : SULPHUR POINT
Drilling Fluid : WATER BASE MUD

DATE: 03-18-2003
W/O Number : RC10767
Cored Interval : 1) 1420.40-1438.40m

Recovery : 1) 18.00m

GENERAL LITHOLOGICAL DESCRIPTIONS

CORE	DEPTH INTERVAL	CORE ANALYSIS	LITHOLOGY	REMARKS
1	1433.98-1437.70	034-041	Dolomite	Medium grey dolomite; hard; microcrystalline to fine crystalline; trace micropyrrite; rare thin argillaceous laminae and low to medium amplitude stylolites; occasional voids filled with sparry calcite; common pinpoint vugs; towards the top scattered small size vugs; local horizontal and vertical fractures; occasional crypt-algal (?) laminae; gradational base. Fair to poor intercrystalline and pinpoint porosity (locally tight); patchy oil stain with yellow fluorescence; patchy yellow chloroethane cut.
1	1437.70-1438.40	NA	Dolomite/Shale	Light to medium grey dolomite breccia; locally fractured and rubbly; abundant subangular to angular dolo-mudstone clasts (locally calcareous and argillaceous) floating in dark, non-fissile to sub-fissile shale matrix; trace to minor micropyrrite. Tight; spotty to patchy oil stain with yellow fluorescence; patchy yellow chloroethane cut.

SAMPLE HANDLING

AGAT LABORATORIES CORE SERVICES

SAMPLE HANDLING AND ANALYSIS INFORMATION

Company : PARAMOUNT RESOURCES LTD.
Well : PARA et al CAMERON
Location : K-74

Coring Equipment : Diamond
Coring Fluid : Water Base Mud
Core Diameter : 0.10 m
Total Cored : 18.00 m
Total Recovered : 18.00 m

W/O Number : RC10767
Date : 18-Mar-2003

HANDLING

Core Transported in : Boxes
Cutting Solution : Water
Cleaning Solvent : Toluene
Extraction : Vapour Phase
Cleaning Time : 552 hours
Drying Equipment : Convection oven
Drying Time/Temp : 48 hours @ 108°C

ANALYSIS

Grain volume measured by Boyle's Law using helium
Bulk volume measured by calipering on right-cylindrical samples
Fluid saturations by retort on end pieces
Permeability measured on .10m full diameter samples
Permeability measured on 38.1mm diameter drilled plugs
Full diameter core sandblasted Kh measurements

REMARKS

THREE (3) SETS OF COLOR/UV PHOTOS OF CORE PLUS REPORT/PHOTO IMAGES ON CD

ABBREVIATIONS

COMMON ABBREVIATIONS

abnt	Abundant	C	Coarse (ly)	f	Fine (ly)
abv	Above	calc	Calcite (areous)	fau	Fauna
Alg	Algae (al)	carb	Carbonaceous	Fe	Iron-Ferruginous
alt	Altered (ing)	cbl	Cobble (64-256 mm)	Fe-mag	Ferromagnesian
amor	Amorphous	Ceph	Cephalopod	fenst	Fenestral
Amph	Amphipora	cgl	Conglomerate	fis	Fissile
ang	Angular	chk	Chalk (y)	fl	Fill (ed)
anhy	Anhydrite (ic)	chlor	Chlorite	fld	Feldspar (thic)
app	Appear	cht	Chert	flk	Flake
apr	Apparent	chty	Cherty	flky	Flaky
aprox	Approximate (ly)	cl	Clastic	flor	Fluorescence
arg	Argillaceous	cln	Clean	flt	Fault (ed)
ark	Arkose (ic)	clr	Clear	fltg	Floating
asph	Asphalt (ic)	cly	Clay (ey)	foram	Foraminifera
AST	Assigned similar to (no actual sample taken)	com	Common	fos	Fossil (iferous)
apha	Aphanitic	coq	Coquina	fr	Fair
		Cor	Coral	frac	Fracture (ed)
bcm	Become (ing)	crbnt	Carbonate	frag	Fragment (al)
bd	Bed	Crin	Crinoid (al)	fri	Friable
bdd	Bedded	crm	Cream	frmwk	Framework
bdg	Bedding	crpxl	Cryptocrystalline	fros	Frosted
Belm	Belemnites	ctc	Contact		
bent	Bentonite (ic)	deb	Debris	g	Good
bf	Buff	decr	Decrease (ing)	Gast	Gastropod
biocl	Bioclastic	desi	Desiccation	gl	Glass (y)
bioturb	Bioturbated	dism	Disseminated	glau	Glauconite (ic)
bit	Bitumen (inous)	dk	Dark (er)	gn	Green
bl	Blue (ish)	dns	Dense (er)	gr	Grain (ed)
blk	Black	dol	Dolomite (ic)	gran	Granular
blky	Blocky	drsy	Drusy	grd	Grade (ed)
bnd	Band (ed)	dtrl	Detrital (us)	grnl	Granule (2-4 mm)
Brac	Brachiopod			gy	Grey
brec	Breccia (ted)	elg	Elongate	gyp	Gypsum (iferous)
bri	Bright	euhed	Euhedral		
brit	Brittle				
brn	Brown				
Bry	Bryozoa				
bulb	Bulbous				
bur	Burrowed				

COMMON ABBREVIATIONS (CONTINUED)

hd	Hard	m	Medium	pk	Pink
hfrac	Horizontal Fracture	mar	Maroon	plag	Plagioclase
hi	High	mas	Massive	plcy	Pelecypod
hrtl	Horizontal	mat	Material, matter	pl	Plant
hvy	Heavy	mica	Mica (ceous)	plty	Platy
hydc	Hydrocarbon	mic	Micro	por	Porous (sity)
		mky	Milky	pos	Possible (ility)
ig	Igneous	mnr	Minor	p-p	Pin-Point
imbed	Imbedded	mnrl	Mineral (ized)	pred	Predominant (ly)
imp	Impression	mnut	Minute	prim	Primary
incl	Included (sion)	Mol	Mollusca	prob	Probable (ly)
incr	Increase	mot	Mottled	prom	Prominent (ly)
indst	Indistinct	mrly	Marly	pt	Part (ly)
intbd	Interbedded	mtx	Matrix	ptch	Patch (es)
intcl	Intraclast (s)			ptg	Parting
intfrag	Interfragmental	n	No, none, non	purp	Purple
intgran	Intergranular	nod	Nodule	pyr	Pyrite (ic) (ized)
intlam	Interlaminated	num	Numerous	pyrbit	Pyrobitumen
intr	Intrusion (ive)				
intv	Interval	o	Oil	qtz	Quartz
intxl	Intercrystalline	occ	Occasional	qtzc	Quartzitic
ireg	Irregular	od	Odor	qtzs	Quartzose
ird	Iridescent	ool	Oolite (ic)		
intrsk	Intraskeletal	op	Opaque	rd	Round (ed)
		org	Organic	repl	Replaced (ing) (ment)
kao	Kaolin	orng	Orange	rexl	Recrystallized
		orth	Orthoclase	rmn	Remains (nant)
lam	Laminated	Ost	Ostracod	rr	Rare
lchd	Leached	ovgth	Overgrowth	rsns	Resinous
len	Lentil (cular)	ox	Oxidized	rthy	Earthy
lith	Lithographic				
lmy	Limy	p	Preliminary (as suffix)	s	Small
lrg	Large (er)	pbl	Pebble (4-64 mm)	sa	Salt (y)
ls	Limestone	pel	Pellet	S	Sulphur
lse	Loose	perm	permeability	s&p	Salt & Pepper
lstr	Lustre	pet	Petroleum (iferous)	sat	Saturated
lt	Light (er)	phos	Phosphate (ic)	sb	Sub

COMMON ABBREVIATIONS (CONTINUED)

sc	Scales	tab	Tabular	xbd	Cross-bedded
scat	Scattered	tex	Texture	xbdg	Cross-bedding
sd	Sand (1/16 - 2mm)	Tham	Thamnopora	xl	Crystal (line)
sdv	Sandy	thk	Thick	xlam	Cross-laminated
sec	Secondary	thn	Thin		
sed	Sediment (ary)	thru	Throughout	yel	Yellow
sft	Soft	tr	Trace		
sh	Shale	trns	Translucent	zn	Zone
shad	Shadow	trnsp	Transparent		
shy	Shaly	tt	Tight	*	Broken core
sid	Siderite (ic)	tub	Tubular	/	With
sil	Silica			> 10000	Permeability over 10000 mD
sks	Slickensided	uncons	Unconsolidated	< 0.01	Permeability less than 0.01 mD
sl	Slight (ly)	unident	Unidentifiable	CC	Cracked Core
sln	Solution	up	Upper	DR	Drilled
slt	Silt			LC	Lost Core
sltst	Siltstone	v	Very	RU	Rubble
slty	Silty	var	Variable	mD	milliDarcy
sm	Smooth	vcol	Varicolored		
SP	Small Plug (as prefix)	vfrac	Vertical Fracture		
sp	Spot (ted) (ty)	vgt	Varigated		
spec	Speck (led)	vn	Vein		
spl	Sample	vrtl	Vertical		
srt	Sort (ed) (ing)	vug	Vug (gy) (ular)		
strg	Stringer				
Strom	Stromatoporoid	w	Well		
stromlt	Stromatolite	wh	White		
struc	Structure	wk	Weak		
styl	Stylolite (ic)	wthrd	Weathered		
suc	Sucrosic	wtr	Water		
sug	Sugary	wvy	Wavy		
sup	Supported	wxy	Waxy		
surf	Surface	wsrt	Well sorted		
sz	Size				

CORE LOG

COMPANY : PARAMOUNT RESOURCES LTD.

LOCATION : K-74

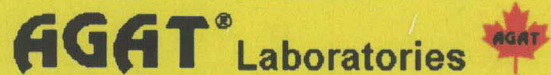
WELL : PARA et al CAMERON

FORMATION : SULPHUR POINT

FIELD : CAMERON

JOB : RC10767

DEPTH SCALE 1 : 240



RECOVERY : 18.00(m)

CORED INTERVAL : 1420.40 - 1438.40

DRLG. FLD. : WATER BASE MUD

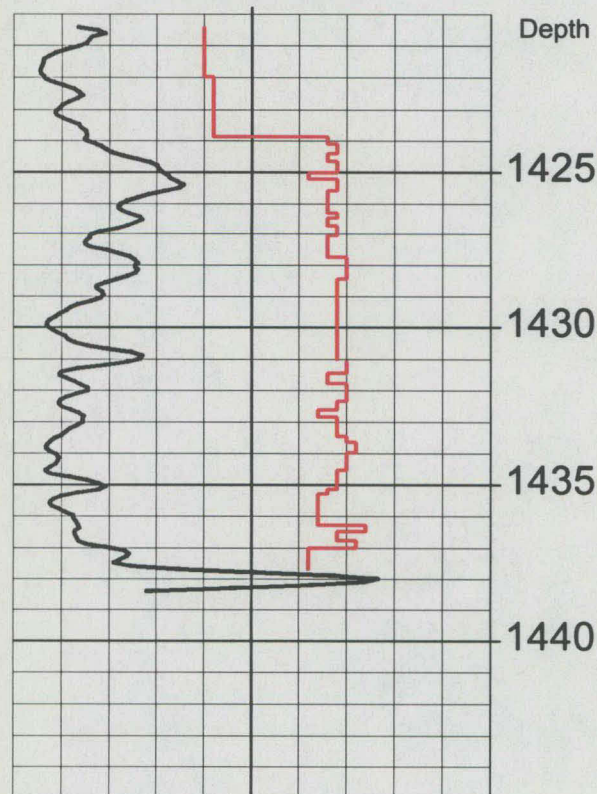
ELEVATION : KB:

GRD :

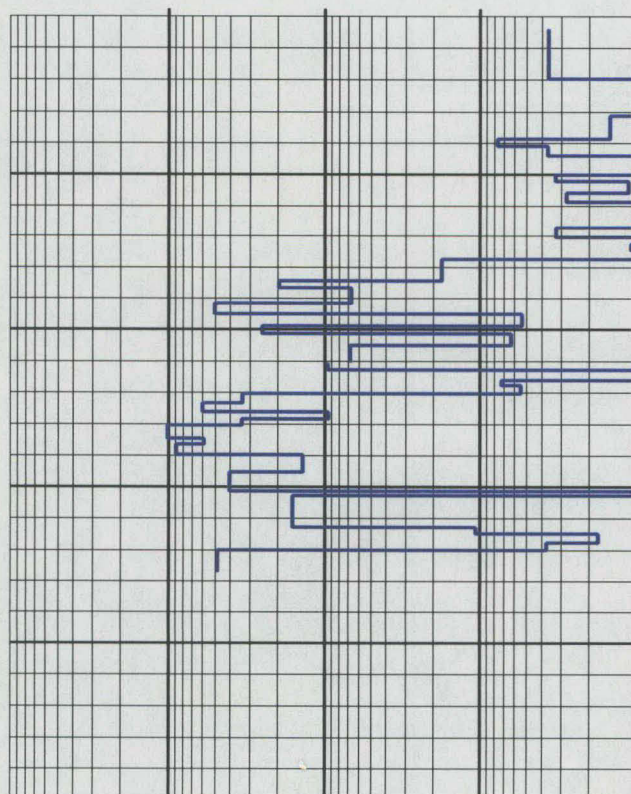
DATE : 18-Mar-2003

CORE LOG

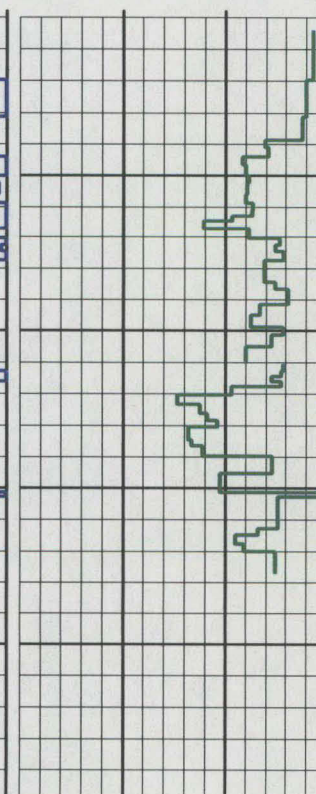
2500 GRAIN DENSITY (Kg/m³) 3000
0 GAMMA RAY (API) 150



10000 Permeability-Kmax (mD)

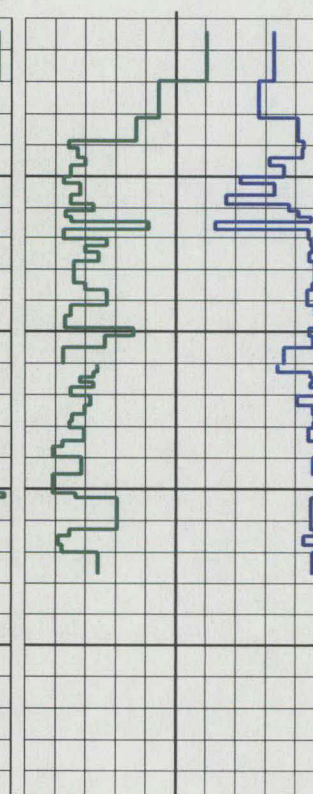


1 0.3 Porosity (frac) 0 0



Sat'n (frac PV)

Water (Sw) 1
Oil (So) 0
1



COMPANY : PARAMOUNT RESOURCES LTD.

LOCATION : K-74

WELL : PARA et al CAMERON

FORMATION : SULPHUR POINT

FIELD : CAMERON

JOB : RC10767

DEPTH SCALE 1 : 240

AGAT® Laboratories



RECOVERY : 18.00(m)

CORED INTERVAL : 1420.40 - 1438.40

DRLG. FLD. : WATER BASE MUD

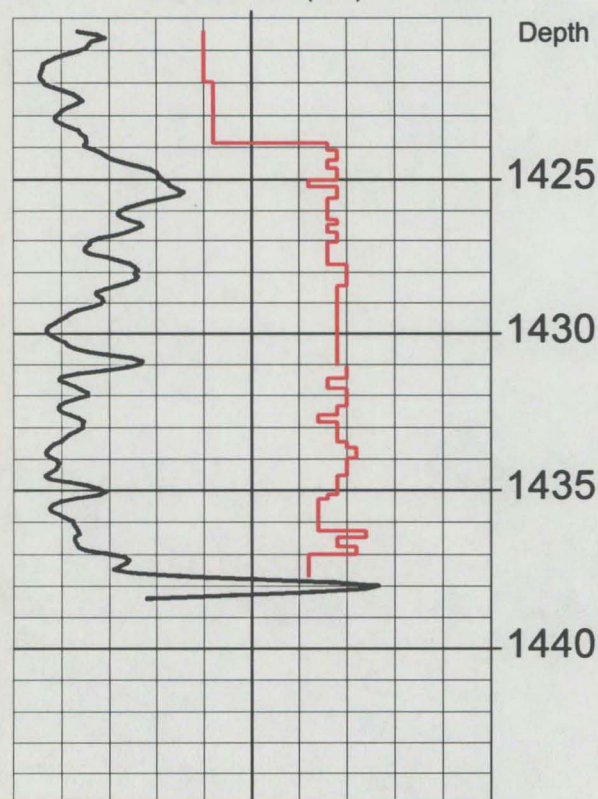
ELEVATION : KB:

GRD :

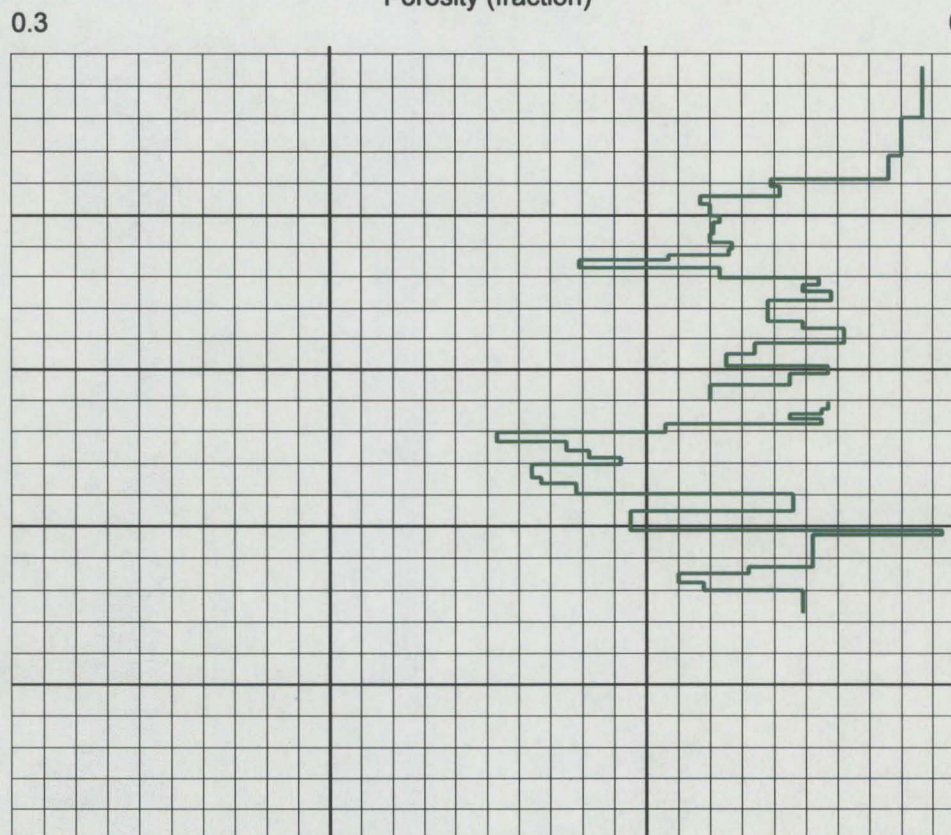
DATE : 18-Mar-2003

CORE LOG

2500 GRAIN DENSITY (Kg/m³) 3000
0 GAMMA RAY (API) 150



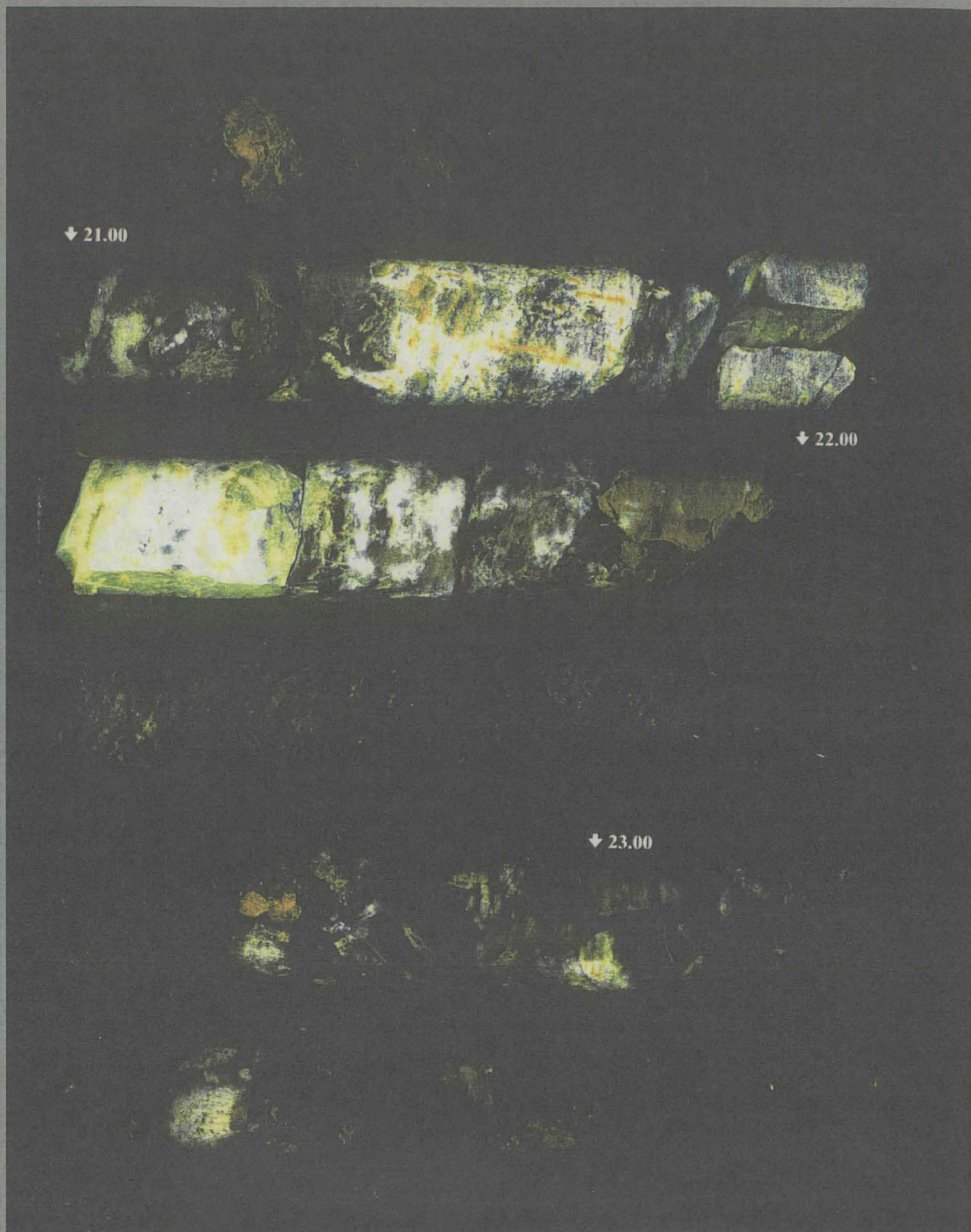
Porosity (fraction)



N.E.B. COPY

MARCH, 2003
RC10767

TOP CORE#1 1420.40m



PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74



BOTTOM 1423.75m

PARAMOUNT RESOURCES LTD.

MARCH, 2003

PARA ET AL CAMERON K-74

RC10767

TOP CORE#1 1420.40m



↓ 21.00



↓ 22.00



↓ 23.00

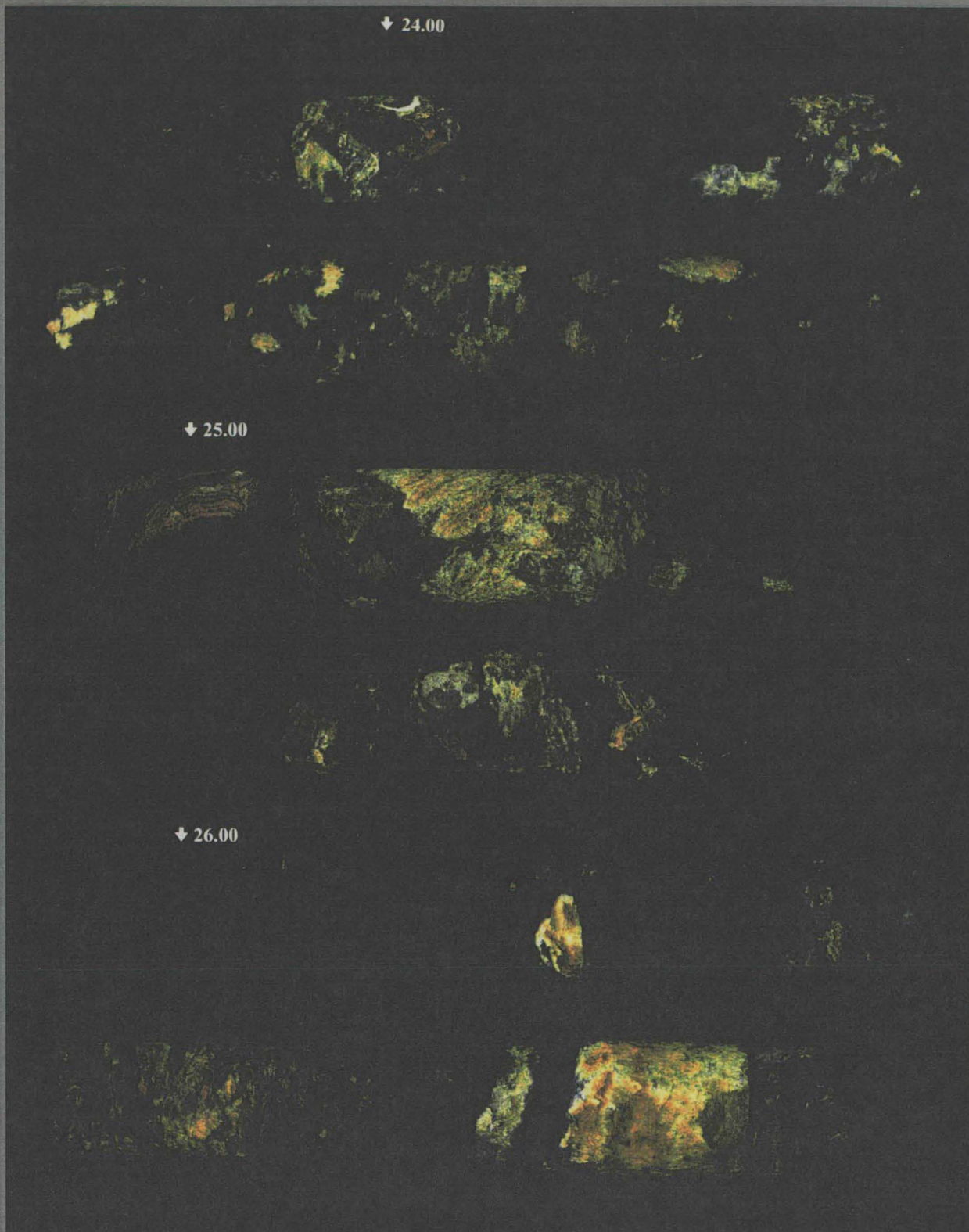


BOTTOM 1423.75m

MARCH, 2003
RC10767

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

TOP CORE#1 1423.75m



BOTTOM 1426.96m

TOP CORE#1 1423.75m

↓ 24.00



↓ 25.00



↓ 26.00

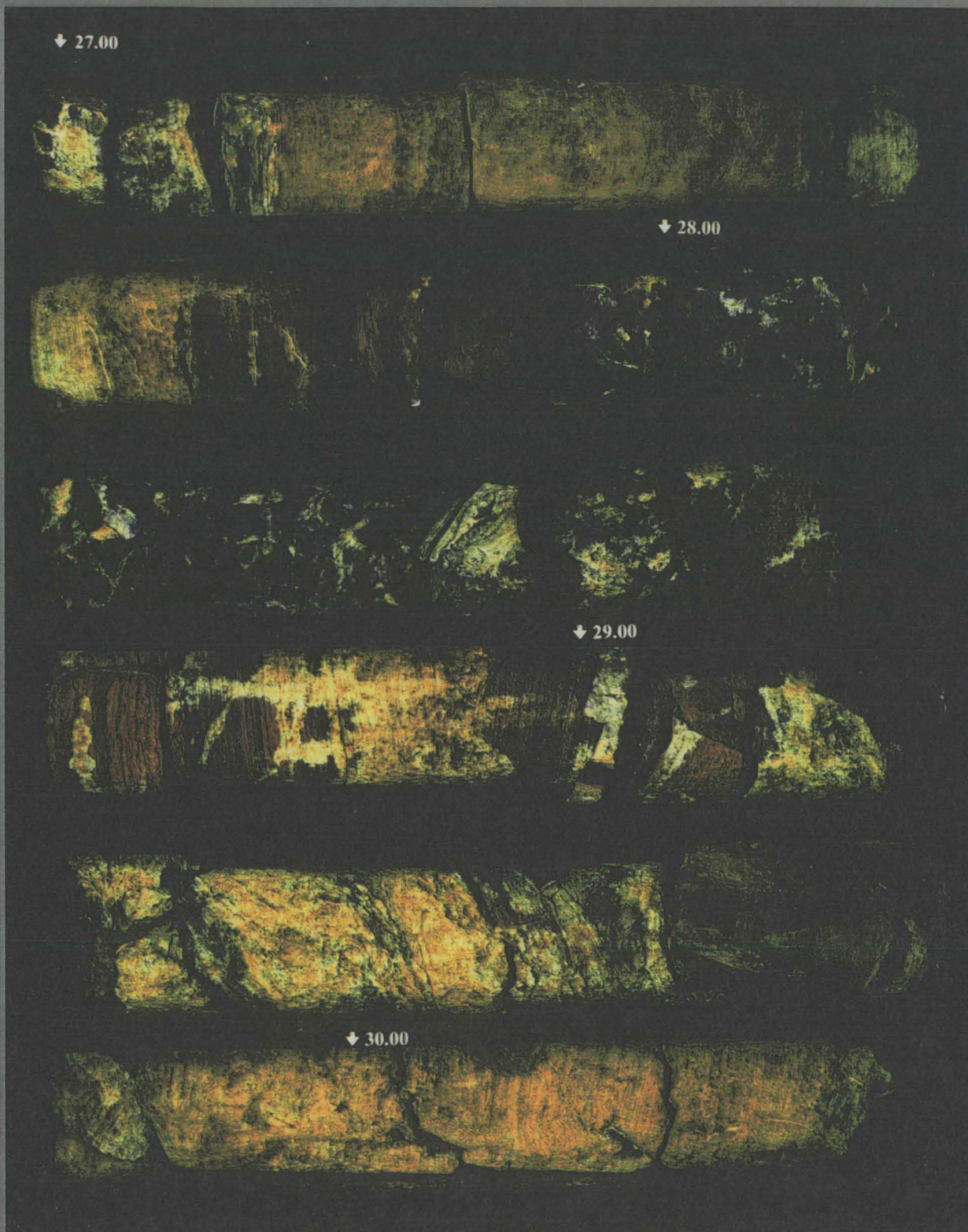


BOTTOM 1426.96m

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

MARCH, 2003
RC10767

TOP CORE#1 1426.96m



BOTTOM 1430.35m

MARCH, 2003
RC10767

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

TOP CORE#1 1426.96m

↓ 27.00



↓ 28.00



↓ 29.00



↓ 30.00

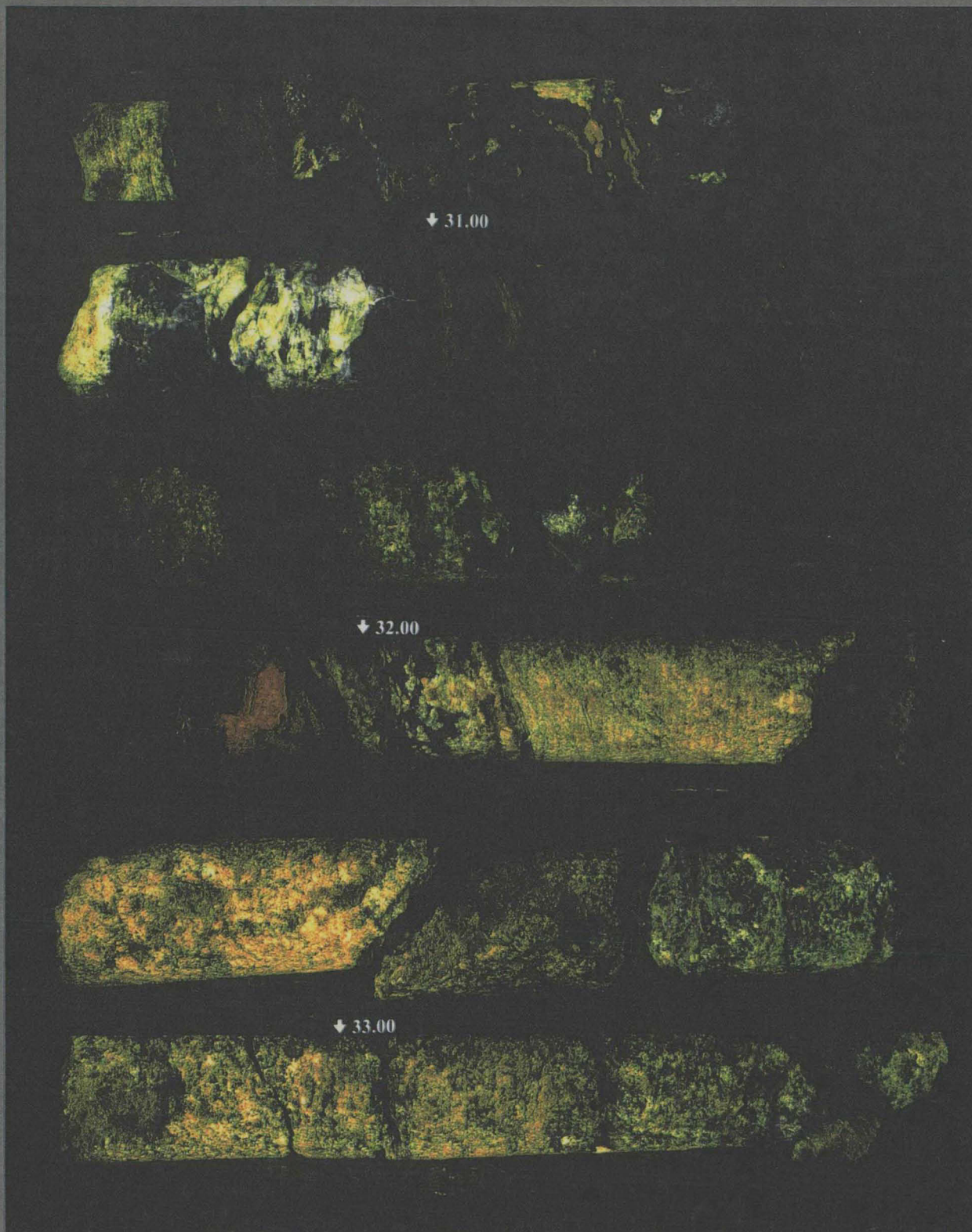


BOTTOM 1430.35m

MARCH, 2003
RC10767

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

TOP CORE#1 1430.35m



BOTTOM 1433.42m

MARCH, 2003
RC10767

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

TOP CORE#1 1430.35m



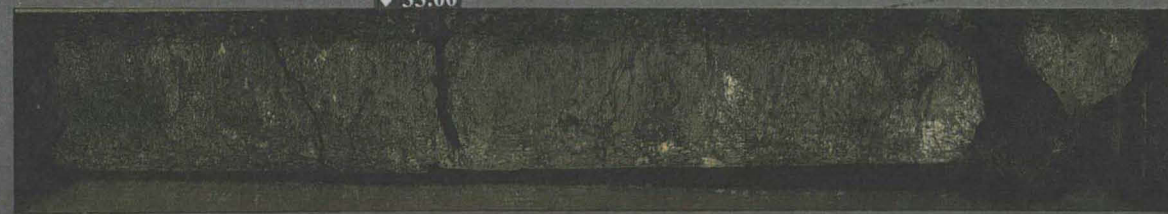
↓ 31.00



↓ 32.00



↓ 33.00

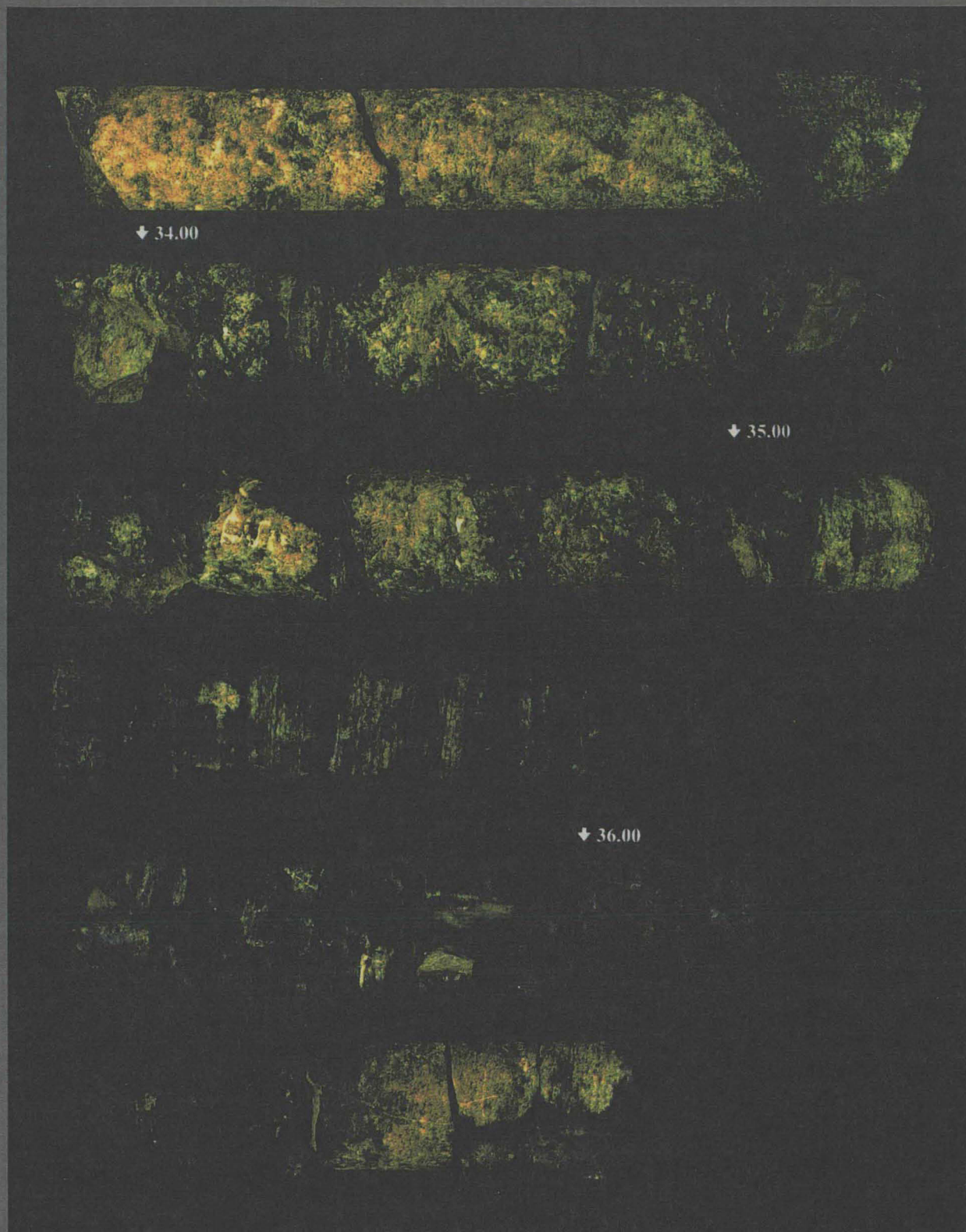


BOTTOM 1433.42m

MARCH, 2003
RC10767

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

TOP CORE#1 1433.42m



BOTTOM 1436.53m

MARCH, 2003
RC10767

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

TOP CORE#1 1433.42m



↓ 34.00



↓ 35.00



↓ 36.00



BOTTOM 1436.53m

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

MARCH, 2003
RC10767

TOP CORE#1 1436.53m



↓ 37.00

↓ 38.00



BOTTOM 1438.40m

PARAMOUNT RESOURCES LTD.
PARA ET AL CAMERON K-74

MARCH, 2003
RC10767

TOP CORE#1 1436.53m



BOTTOM 1438.40m