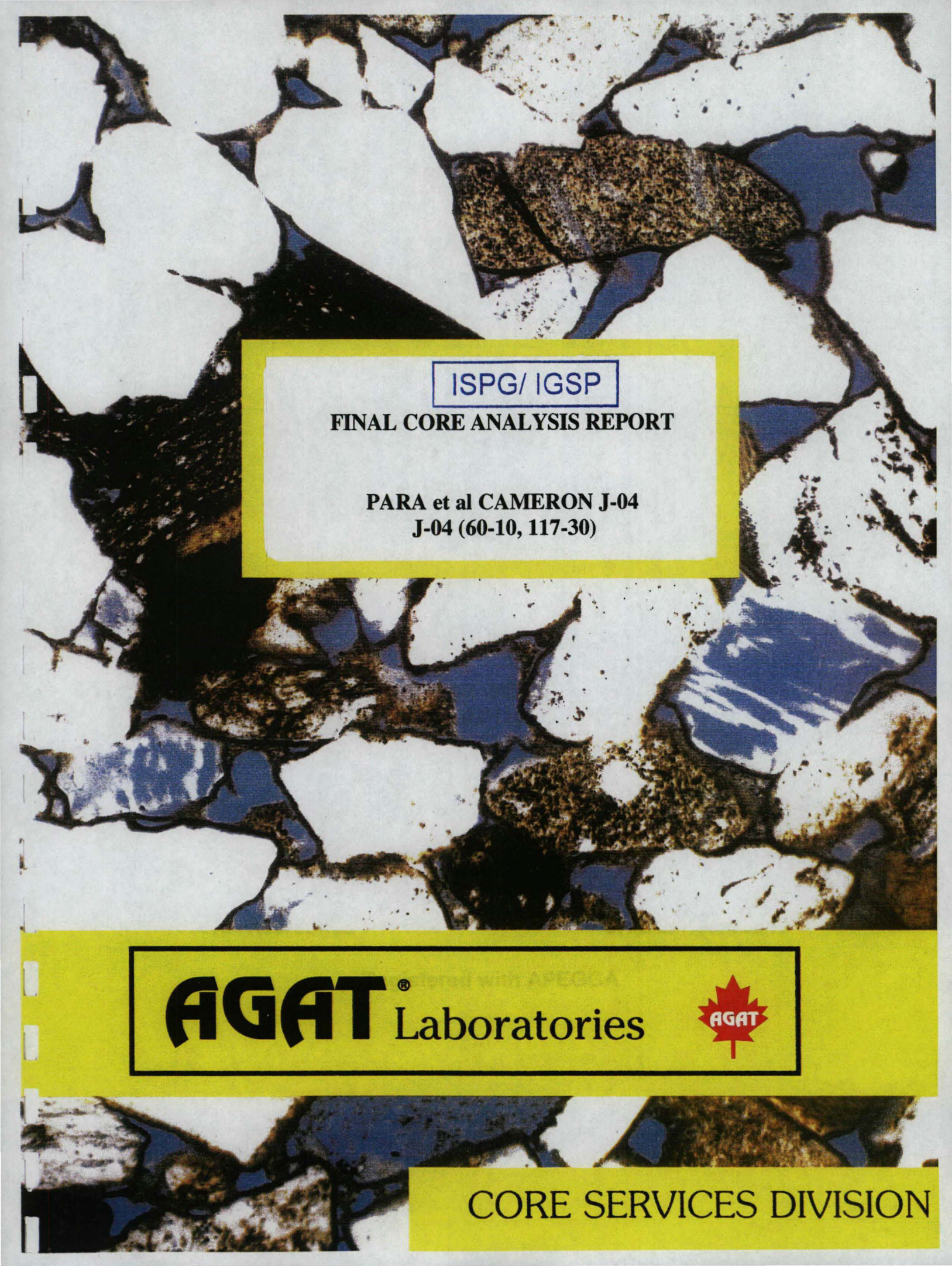




ISPG/ IGSP

FINAL CORE ANALYSIS REPORT

**PARA et al CAMERON J-04
J-04 (60-10, 117-30)**

AGAT[®] Laboratories



CORE SERVICES DIVISION

AGAT[®] Laboratories



ISPG/ IGSP

FINAL CORE ANALYSIS REPORT

**PARA et al CAMERON J-04
J-04 (60-10, 117-30)**

Prepared for.

**PARAMOUNT RESOURCES LTD.
RC12929**

March 2007

"In Pursuit of Excellence"

• **AIHA Accredited**

• **CAEAL Accredited**

• **Registered with APEGGA**

Front Cover: Thin-section photomicrograph of Upper Cretaceous Belly River litharenite (sandstone) characterized by pervasive rims of authigenic chlorite on the framework grains. Porosity is mainly of primary intergranular type, but includes secondary porosity created by the solution of feldspar and volcanic rock fragments. Porosity 21%, permeability 98md.

Back Cover: Scanning electron microscope photograph of authigenic chlorite lining framework grains in sandstone.

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
 <u>General Information</u>	
General Lithological Description	
Sample Handling and Analysis Information	
Abbreviations	
Core Logs	

CORE ANALYSIS DATA

**PARA et al CAMERON J-04
J-04 (60-10, 117-30)**

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 1
 DATE : 23-Mar-2007
 W/O No : RC12929

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 1406.00 - 1413.40 (CUT / RECEIVED = 7.40 / 7.40 m TOTAL BOXES = 7)															
NA	1406.00	1407.67	1.67	-	-	-	-	-	-	-	-	-	-	-	ls
SP001P 001	1407.67	1407.77	0.10	-	5.20	-	-	0.52	0.109	0.011	2410	2700	0.224	0.047	ls:vf-mgr:ppvugs
	1407.77	1408.07	0.30	0.08	2.11	1.92	1.24	0.63	0.094	0.028	2440	2700	0.188	0.033	ls:vf-mgr:ppvugs:styl
SP002P	1408.07	1408.20	0.13	-	2.57	-	-	0.33	0.102	0.013	2430	2710	0.145	0.053	ls:vf-mgr:ppvugs
002	1408.20	1408.45	0.25	0.06	30.1	29.5	15.7	7.53	0.101	0.025	2430	2700	0.131	0.020	ls:vf-mgr:ppvugs:fracs
NA	1408.45	1411.80	3.35	-	-	-	-	-	-	-	-	-	-	-	ls:dol
SP003P NA	1411.80	1411.95	0.15	-	0.03	-	-	0.00	0.042	0.006	2700	2820	0.369	0.067	dol:vf-fxln:ppvugs:calc:pyr
	1411.95	1412.91	0.96	-	-	-	-	-	-	-	-	-	-	-	dol
SP004P	1412.91	1412.98	0.07	-	0.01	-	-	0.00	0.042	0.003	2720	2840	0.477	0.191	dol:vf-fxln:ppvugs
003	1412.98	1413.40	0.42	0.07	0.06	0.02	0.01	0.03	0.029	0.012	2750	2830	0.357	0.079	dol:vf-fxln:ppvugs:hfracs
CORE NO. 2 1413.40 - 1425.00 (CUT / RECEIVED = 11.60 / 11.60 m TOTAL BOXES = 11)															
NA	1413.40	1413.58	0.18	-	-	-	-	-	-	-	-	-	-	-	dol
004	1413.58	1413.75	0.17	0.09	109.	95.9	153.	18.5	0.130	0.022	2460	2830	0.153	0.129	dol:vf-fxln:vugs:vfracs
SP005P	1413.75	1413.83	0.08	-	2.49	-	-	0.20	0.099	0.008	2560	2840	0.127	0.085	dol:vfxln:ppvugs
005	1413.83	1413.91	0.08	0.09	6.02	4.36	1.45	0.48	0.127	0.010	2480	2840	0.224	0.149	dol:vfxln:vugs:fracs
SP006P	1413.91	1414.54	0.63	-	11.5	-	-	7.25	0.144	0.091	2440	2850	0.176	0.093	dol:vfxln:ppvugs:pyr
NA	1414.54	1415.20	0.66	-	-	-	-	-	-	-	-	-	-	-	dol:sh
SP007P	1415.20	1415.46	0.26	-	0.49	-	-	0.13	0.098	0.025	2560	2840	0.133	0.089	dol:vf-fxln:ppvugs

* - affected by fracture or crack as mentioned in remarks

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 2
 DATE : 23-Mar-2007
 W/O No : RC12929

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	
006	1415.46	1415.62	0.16	0.06	7.48	3.71	3.55	1.20	0.123	0.020	2510	2860	0.147	0.052	dol:vf-fxln:ppvugs:pyr:vfracs
007	1415.62	1415.93	0.31	0.10	15.9	3.12	220.	4.93	0.079	0.024	2620	2840	0.210	0.112	dol:vf-fxln:ppvugs:lam:pyr:fracs
SP008P	1415.93	1416.24	0.31	-	3.23	-	-	1.00	0.083	0.026	2600	2840	0.183	0.041	dol:vf-fxln:ppvugs:fracs
008	1416.24	1416.39	0.15	0.10	12.7	2.57	0.62	1.91	0.077	0.012	2620	2840	0.243	0.029	dol:vf-fxln:vugs:pyr:fracs
SP009P	1416.39	1416.50	0.11	-	2810.	-	-	309.	0.079	0.009	2620	2850	0.174	0.039	dol:vf-fxln:ppvugs:pyr:fracs
NA	1416.50	1418.42	1.92	-	-	-	-	-	-	-	-	-	-	-	dol
SP010P	1418.42	1418.50	0.08	-	168.	-	-	13.4	0.110	0.009	2530	2850	0.267	0.021	dol:vf-fxln:ppvugs:pyr:fracs
009	1418.50	1418.72	0.22	0.09	117.	89.6	60.8	25.7	0.194	0.043	2300	2850	0.199	0.123	dol:vfxln:ppvugs:pyr
SP011P	1418.72	1418.82	0.10	-	84.1	-	-	8.41	0.190	0.019	2310	2850	0.195	0.101	dol:vfxln:ppvugs:pyr
010	1418.82	1418.97	0.15	0.05	265.	21.7	297.	39.8	0.103	0.015	2530	2820	0.135	0.083	dol:vfxln:vugs:fracs
SP012P	1418.97	1419.09	0.12	-	500.	-	-	60.0	0.047	0.006	2700	2840	0.303	0.134	dol:vfxln:ppvugs:fracs
011	1419.09	1419.30	0.21	0.10	7.30	5.90	72.3	1.53	0.031	0.007	2720	2810	0.331	0.073	dol:vfxln:ppvugs:calc:fracs
012	1419.30	1419.55	0.25	0.09	54.4	31.4	11.7	13.6	0.052	0.013	2670	2820	0.196	0.044	dol:vfxln:vugs:arglam:fracs
013	1419.55	1419.81	0.26	0.12	0.08	0.01	0.03	0.02	0.027	0.007	2760	2840	0.342	0.171	dol:vf-fxln:vugs:pyr:fracs
SP013P	1419.81	1419.92	0.11	-	0.01	-	-	0.00	0.010	0.001	2770	2800	0.386	0.193	dol:vf-fxln:ppvugs:calc:pyr:fracs
014	1419.92	1420.17	0.25	0.10	5.60	4.33	1.25	1.40	0.025	0.006	2740	2810	0.413	0.092	dol:vf-fxln:vugs:calc:pyr:fracs
015	1420.17	1420.48	0.31	0.08	5.82	3.93	8.23	1.80	0.097	0.030	2550	2830	0.212	0.067	dol:vfxln:ppvugs:styl:pyr:fracs
SP014P	1420.48	1420.70	0.22	-	0.03	-	-	0.01	0.073	0.016	2630	2840	0.302	0.279	dol:vfxln:ppvugs:pyr
NA	1420.70	1420.86	0.16	-	-	-	-	-	-	-	-	-	-	-	dol
016	1420.86	1421.11	0.25	0.06	6.10	2.01	14.8	1.53	0.054	0.014	2680	2830	0.353	0.083	dol:vf-fxln:ppvugs:fracs
SP015P	1421.11	1421.29	0.18	-	13.2	-	-	2.38	0.088	0.016	2600	2840	0.498	0.128	dol:vf-fxln:ppvugs:pyr

* - affected by fracture or crack as mentioned in remarks

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 3
 DATE : 23-Mar-2007
 W/O No : RC12929

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	
017	1421.29	1421.47	0.18	0.08	45.3	34.8	14.5	8.15	0.136	0.024	2460	2850	0.222	0.077	dol:vf-fxln:ppvugs:pyr:fracs
018	1421.47	1421.75	0.28	0.10	9.37	7.36	4.53	2.62	0.068	0.019	2660	2850	0.280	0.099	dol:vf-fxln:ppvugs:styl:pyr:fracs
019	1421.75	1421.88	0.13	0.08	2.78	2.34	0.72	0.36	0.058	0.008	2680	2850	0.368	0.078	dol:vf-fxln:ppvugs:pyr:fracs
SP016P	1421.88	1421.99	0.11	-	31.0	-	-	3.41	0.118	0.013	2510	2850	0.357	0.082	dol:vf-fxln:ppvugs:pyr
020	1421.99	1422.25	0.26	0.11	2.50	2.43	1.92	0.65	0.040	0.010	2730	2850	0.315	0.172	dol:vf-fxln:ppvugs:styl:pyr:fracs
SP017P	1422.25	1422.48	0.23	-	1.30	-	-	0.30	0.134	0.031	2450	2830	0.221	0.116	dol:vfxln:ppvugs:styl:fracs
SP018P	1422.48	1422.78	0.30	-	0.80	-	-	0.24	0.115	0.035	2510	2840	0.299	0.072	dol:vfxln:ppvugs:styl:fracs
021	1422.78	1423.10	0.32	0.10	2.72	2.48	2.84	0.87	0.107	0.034	2540	2840	0.151	0.040	dol:vfxln:ppvugs:styl:fracs
NA	1423.10	1425.40	2.30	-	-	-	-	-	-	-	-	-	-	-	anhy:dol:sh

* - affected by fracture or crack as mentioned in remarks

COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : J-04(60-10, 117-30)
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON J-04
DRILLING FLUID : WATER BASE MUD

PAGE : 4
DATE : 23-Mar-2007
W/O No : RC12929

CORE ANALYSIS - QUALITY CONTROL REPORT

CORE NO. 1 1406.00 - 1413.40 (CUT / RECEIVED = 7.40 / 7.40 m TOTAL BOXES = 7)

NA	1406.00 - 1407.67	
SP001P	1407.67 - 1407.77	
001	1407.77 - 1408.07	
- Kv (1.24)	IS OUTSIDE FOUR STANDARD DEVIATIONS (1.55 - 55.8)	results verified
SP002P	1408.07 - 1408.20	
002	1408.20 - 1408.45	
NA	1408.45 - 1411.80	
SP003P	1411.80 - 1411.95	
- KMax (0.03)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.04 - 1.35)	results verified
NA	1411.95 - 1412.91	
SP004P	1412.91 - 1412.98	
- KMax (0.01)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.04 - 1.35)	results verified
003	1412.98 - 1413.40	
- K90 (0.02)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.04 - 1.52)	results verified
- Kv (0.01)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.03 - 1.14)	results verified

CORE NO. 2 1413.40 - 1425.00 (CUT / RECEIVED = 11.60 / 11.60 m TOTAL BOXES = 11)

NA	1413.40 - 1413.58
004	1413.58 - 1413.75
SP005P	1413.75 - 1413.83
005	1413.83 - 1413.91

COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : J-04(60-10, 117-30)
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON J-04
DRILLING FLUID : WATER BASE MUD

PAGE : 5
DATE : 23-Mar-2007
W/O No : RC12929

CORE ANALYSIS - QUALITY CONTROL REPORT

- KMax (6.02) IS OUTSIDE FOUR STANDARD DEVIATIONS (11.5 - 415)	results verified
- K90 (4.36) IS OUTSIDE FOUR STANDARD DEVIATIONS (6.27 - 226)	results verified
- Kv (1.45) IS OUTSIDE FOUR STANDARD DEVIATIONS (11.2 - 402)	results verified
SP006P 1413.91 - 1414.54	
- KMax (11.5) IS OUTSIDE FOUR STANDARD DEVIATIONS (36.3 - 1310)	results verified
NA 1414.54 - 1415.20	
SP007P 1415.20 - 1415.46	
- KMax (0.49) IS OUTSIDE FOUR STANDARD DEVIATIONS (1.63 - 58.8)	results verified
006 1415.46 - 1415.62	
- KMax (7.48) IS OUTSIDE FOUR STANDARD DEVIATIONS (8.81 - 317)	results verified
- K90 (3.71) IS OUTSIDE FOUR STANDARD DEVIATIONS (5.11 - 184)	results verified
- Kv (3.55) IS OUTSIDE FOUR STANDARD DEVIATIONS (8.8 - 317)	results verified
007 1415.62 - 1415.93	
SP008P 1415.93 - 1416.24	
008 1416.24 - 1416.39	
SP009P 1416.39 - 1416.50	
- KMax (2810.) IS OUTSIDE FOUR STANDARD DEVIATIONS (0.45 - 16.4)	fractures;results verified
NA 1416.50 - 1418.42	
SP010P 1418.42 - 1418.50	
- KMax (168.) IS OUTSIDE FOUR STANDARD DEVIATIONS (3.67 - 132)	fractures;results verified
009 1418.50 - 1418.72	
- KMax (117.) IS OUTSIDE FOUR STANDARD DEVIATIONS (1050 - 10000)	results verified
- K90 (89.6) IS OUTSIDE FOUR STANDARD DEVIATIONS (192 - 6890)	results verified
- Kv (60.8) IS OUTSIDE FOUR STANDARD DEVIATIONS (617 - 10000)	results verified
SP011P 1418.72 - 1418.82	
- KMax (84.1) IS OUTSIDE FOUR STANDARD DEVIATIONS (806 - 10000)	results verified
010 1418.82 - 1418.97	
- KMax (265.) IS OUTSIDE FOUR STANDARD DEVIATIONS (2.29 - 82.4)	horizontal fractures;results verified
SP012P 1418.97 - 1419.09	

COMPANY : PARAMOUNT RESOURCES LTD.
LOCATION : J-04(60-10, 117-30)
FORMATION : SULPHUR POINT
WELL NAME : PARA et al CAMERON J-04
DRILLING FLUID : WATER BASE MUD

PAGE : 7
DATE : 23-Mar-2007
W/O No : RC12929

CORE ANALYSIS - QUALITY CONTROL REPORT

020	1421.99 - 1422.25	
- KMax (2.50)	IS OUTSIDE FOUR STANDARD DEVIATIONS (0.03 - 1.18)	horizontal fractures;results verified
SP017P	1422.25 - 1422.48	
- KMax (1.30)	IS OUTSIDE FOUR STANDARD DEVIATIONS (18.5 - 666)	results verified
SP018P	1422.48 - 1422.78	
- KMax (0.80)	IS OUTSIDE FOUR STANDARD DEVIATIONS (5.14 - 185)	results verified
021	1422.78 - 1423.10	
- KMax (2.72)	IS OUTSIDE FOUR STANDARD DEVIATIONS (3 - 108)	results verified
NA	1423.10 - 1425.40	

Approved :

Quality Control Supervisor

23-Mar-2007

Date

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 8
 DATE : 23-Mar-2007
 W/O No : RC12929

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 1406.00 - 1413.40 (CUT / RECEIVED = 7.40 / 7.40 m TOTAL BOXES = 7)

NA	1406.00	1407.67	1.67	-	-	-	-	-	-	-	-	-
SP001P	1407.67	1407.77	0.10	0.10	0.109	0.011	0.011	0.110	5.20	0.52	0.52	5.20
001	1407.77	1408.07	0.30	0.40	0.094	0.028	0.039	0.098	2.11	0.63	1.15	2.88
SP002P	1408.07	1408.20	0.13	0.53	0.102	0.013	0.052	0.098	2.57	0.33	1.49	2.81
002	1408.20	1408.45	0.25	0.78	0.101	0.025	0.077	0.099	30.1	7.53	9.01	11.6
NA	1408.45	1411.80	3.35	-	-	-	-	-	-	-	-	-
SP003P	1411.80	1411.95	0.15	0.93	0.042	0.006	0.083	0.089	0.03	0.00	9.02	9.70
NA	1411.95	1412.91	0.96	-	-	-	-	-	-	-	-	-
SP004P	1412.91	1412.98	0.07	1.00	0.042	0.003	0.086	0.086	0.01	0.00	9.02	9.02
003	1412.98	1413.40	0.42	1.42	0.029	0.012	0.098	0.069	0.06	0.03	9.04	6.37

CORE NO. 2 1413.40 - 1425.00 (CUT / RECEIVED = 11.60 / 11.60 m TOTAL BOXES = 11)

NA	1413.40	1413.58	0.18	-	-	-	-	-	-	-	-	-
004	1413.58	1413.75	0.17	1.59	0.130	0.022	0.120	0.075	109.	18.5	27.6	17.3
SP005P	1413.75	1413.83	0.08	1.67	0.099	0.008	0.128	0.077	2.49	0.20	27.8	16.6
005	1413.83	1413.91	0.08	1.75	0.127	0.010	0.138	0.079	6.02	0.48	28.3	16.1
SP006P	1413.91	1414.54	0.63	2.38	0.144	0.091	0.229	0.096	11.5	7.25	35.5	14.9
NA	1414.54	1415.20	0.66	-	-	-	-	-	-	-	-	-

* - affected by fracture or crack as mentioned in remarks

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 9
 DATE : 23-Mar-2007
 W/O No : RC12929

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.	
SP007P	1415.20	1415.46	0.26	2.64	0.098	0.025	0.254	0.096	0.49	0.13	35.6	13.5
006	1415.46	1415.62	0.16	2.80	0.123	0.020	0.274	0.098	7.48	1.20	36.8	13.2
007	1415.62	1415.93	0.31	3.11	0.079	0.024	0.298	0.096	15.9	4.93	41.8	13.4
SP008P	1415.93	1416.24	0.31	3.42	0.083	0.026	0.324	0.095	3.23	1.00	42.8	12.5
008	1416.24	1416.39	0.15	3.57	0.077	0.012	0.336	0.094	12.7	1.91	44.7	12.5
SP009P	1416.39	1416.50	0.11	3.68	0.079	0.009	0.345	0.094	2810.	309.	354.	96.1
NA	1416.50	1418.42	1.92	-	-	-	-	-	-	-	-	-
SP010P	1418.42	1418.50	0.08	3.76	0.110	0.009	0.354	0.094	168.	13.4	367.	97.7
009	1418.50	1418.72	0.22	3.98	0.194	0.043	0.397	0.100	117.	25.7	393.	98.7
SP011P	1418.72	1418.82	0.10	4.08	0.190	0.019	0.416	0.102	84.1	8.41	401.	98.4
010	1418.82	1418.97	0.15	4.23	0.103	0.015	0.431	0.102	265.	39.8	441.	104.
SP012P	1418.97	1419.09	0.12	4.35	0.047	0.006	0.437	0.100	500.	60.0	501.	115.
011	1419.09	1419.30	0.21	4.56	0.031	0.007	0.444	0.097	7.30	1.53	503.	110.
012	1419.30	1419.55	0.25	4.81	0.052	0.013	0.457	0.095	54.4	13.6	516.	107.
013	1419.55	1419.81	0.26	5.07	0.027	0.007	0.464	0.092	0.08	0.02	516.	102.
SP013P	1419.81	1419.92	0.11	5.18	0.010	0.001	0.465	0.090	0.01	0.00	516.	99.7
014	1419.92	1420.17	0.25	5.43	0.025	0.006	0.471	0.087	5.60	1.40	518.	95.3
015	1420.17	1420.48	0.31	5.74	0.097	0.030	0.501	0.087	5.82	1.80	519.	90.5
SP014P	1420.48	1420.70	0.22	5.96	0.073	0.016	0.517	0.087	0.03	0.01	519.	87.2
NA	1420.70	1420.86	0.16	-	-	-	-	-	-	-	-	-
016	1420.86	1421.11	0.25	6.21	0.054	0.014	0.531	0.086	6.10	1.53	521.	83.9

* - affected by fracture or crack as mentioned in remarks



COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 10
 DATE : 23-Mar-2007
 W/O No : RC12929

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.	
SP015P	1421.11	1421.29	0.18	6.39	0.088	0.016	0.547	0.086	13.2	2.38	523.	81.9
017	1421.29	1421.47	0.18	6.57	0.136	0.024	0.571	0.087	45.3	8.15	532.	80.9
018	1421.47	1421.75	0.28	6.85	0.068	0.019	0.590	0.086	9.37	2.62	534.	78.0
019	1421.75	1421.88	0.13	6.98	0.058	0.008	0.598	0.086	2.78	0.36	535.	76.6
SP016P	1421.88	1421.99	0.11	7.09	0.118	0.013	0.611	0.086	31.0	3.41	538.	75.9
020	1421.99	1422.25	0.26	7.35	0.040	0.010	0.621	0.084	2.50	0.65	539.	73.3
SP017P	1422.25	1422.48	0.23	7.58	0.134	0.031	0.652	0.086	1.30	0.30	539.	71.1
SP018P	1422.48	1422.78	0.30	7.88	0.115	0.035	0.687	0.087	0.80	0.24	539.	68.4
021	1422.78	1423.10	0.32	8.20	0.107	0.034	0.721	0.088	2.72	0.87	540.	65.9
NA	1423.10	1425.40	2.30	-	-	-	-	-	-	-	-	-

* - affected by fracture or crack as mentioned in remarks

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 11
 DATE : 23-Mar-2007
 W/O No : RC12929

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	0.11	0.11	0.010	0.01	0.01	1.34	1.34
0.020 -	0.0390	4	5	1.14	1.25	0.028	2.61	0.42	13.90	15.24
0.040 -	0.0599	7	12	1.23	2.48	0.048	61.9	4.05	15.00	30.24
0.060 -	0.0799	5	17	1.07	3.55	0.075	298.	6.29	13.05	43.29
0.080 -	0.0999	6	23	1.44	4.99	0.093	4.26	2.80	17.56	60.85
0.100 -	0.1199	8	31	1.44	6.43	0.108	45.9	8.12	17.56	78.41
0.120 -	0.1399	5	36	0.82	7.25	0.131	35.0	11.6	10.00	88.41
0.140 -	0.1599	1	37	0.63	7.88	0.144	11.5	11.5	7.68	96.10
0.180 -	0.1999	2	39	0.32	8.20	0.193	107.	105.	3.90	100.00

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 12
 DATE : 23-Mar-2007
 W/O No : RC12929

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.
0.010 -	0.0190	2	2	0.18	0.18	0.022	0.01	0.01	2.20	2.20
0.020 -	0.0390	2	4	0.37	0.55	0.060	0.03	0.03	4.51	6.71
0.040 -	0.0790	1	5	0.42	0.97	0.029	0.06	0.06	5.12	11.83
0.080 -	0.1590	1	6	0.26	1.23	0.027	0.08	0.08	3.17	15.00
0.320 -	0.6390	1	7	0.26	1.49	0.098	0.49	0.49	3.17	18.17
0.640 -	1.2490	1	8	0.30	1.79	0.115	0.80	0.80	3.66	21.83
1.250 -	2.4990	3	11	0.61	2.40	0.110	1.85	1.80	7.44	29.27
2.500 -	4.9990	5	16	1.15	3.55	0.079	2.80	2.78	14.02	43.29
5.000 -	9.9990	8	24	1.64	5.19	0.071	6.76	6.63	20.00	63.29
10.000 -	19.9990	4	28	1.27	6.46	0.112	13.0	12.8	15.49	78.78
20.000 -	39.9990	2	30	0.36	6.82	0.106	30.4	30.4	4.39	83.17
40.000 -	79.9990	2	32	0.43	7.25	0.087	50.6	50.4	5.24	88.41
80.000 -	159.9990	3	35	0.49	7.74	0.171	108.	107.	5.98	94.39
160.000 -	319.9990	2	37	0.23	7.97	0.105	231.	226.	2.80	97.20
320.000 -	639.9990	1	38	0.12	8.09	0.047	500.	499.	1.46	98.66
2560.000 -	5119.9990	1	39	0.11	8.20	0.079	2810.	2810.	1.34	100.00



COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 13
 DATE : 23-Mar-2007
 W/O No : RC12929

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	8.20	-	0.00	0.720	100.00	0.088	
0.020	0.11	8.09	0.001	0.15	0.719	99.85	0.089	
0.040	1.51	6.69	0.043	6.03	0.677	93.97	0.101	
0.060	2.48	5.72	0.092	12.82	0.628	87.18	0.110	
0.080	3.55	4.65	0.172	23.90	0.548	76.10	0.118	
0.100	4.99	3.21	0.305	42.40	0.415	57.60	0.129	
0.120	6.43	1.77	0.461	63.96	0.260	36.04	0.147	
0.140	7.25	0.95	0.568	78.85	0.152	21.15	0.160	
0.160	7.88	0.32	0.659	91.44	0.062	8.56	0.193	
0.180	7.88	0.32	0.659	91.44	0.062	8.56	0.193	
0.200	8.20	0.00	0.720	100.00	-	0.00	0.00	

Total Storage Capacity in Porosity-Metres = 0.720

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 14
 DATE : 23-Mar-2007
 W/O No : RC12929

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
0.000	0.00	8.20	0.000	0.00	539.973	100.00	0.000	
0.010	0.18	8.02	0.002	0.00	539.971	100.00	0.002	
0.020	0.18	8.02	0.002	0.00	539.971	100.00	0.004	
0.040	0.55	7.65	0.013	0.00	539.960	100.00	0.017	
0.080	1.23	6.97	0.059	0.01	539.914	99.99	0.075	
0.160	1.23	6.97	0.059	0.01	539.914	99.99	0.134	
0.320	1.23	6.97	0.059	0.01	539.914	99.99	0.193	
0.640	1.49	6.71	0.186	0.03	539.787	99.97	0.380	
1.250	1.79	6.41	0.426	0.08	539.547	99.92	0.806	
2.500	2.66	5.54	2.208	0.41	537.765	99.59	3.013	
5.000	3.55	4.65	4.775	0.88	535.198	99.12	7.788	
10.000	5.19	3.01	15.859	2.94	524.114	97.06	23.647	
20.000	6.46	1.74	32.314	5.98	507.659	94.02	55.961	
40.000	6.82	1.38	43.249	8.01	496.724	91.99	99.210	
80.000	7.25	0.95	65.003	12.04	474.970	87.96	164.213	
160.000	7.74	0.46	117.683	21.79	422.290	78.21	281.896	
320.000	7.97	0.23	170.873	31.64	369.100	68.36	452.768	
640.000	8.09	0.11	230.873	42.76	309.100	57.24	683.641	
1280.000	8.09	0.11	230.873	42.76	309.100	57.24	914.514	
2560.000	8.09	0.11	230.873	42.76	309.100	57.24	1145.387	
5120.000	8.20	0.00	539.973	100.00	0.000	0.00	1685.360	

Total Flow Capacity in MilliDarcy-Metres (Arithmetic) = 539.973

COMPANY : PARAMOUNT RESOURCES LTD.
 LOCATION : J-04(60-10, 117-30)
 FORMATION : SULPHUR POINT
 WELL NAME : PARA et al CAMERON J-04
 DRILLING FLUID : WATER BASE MUD

PAGE : 15
 DATE : 23-Mar-2007
 W/O No : RC12929

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)	8.2	0.85	2.16	3.40	0.30	0.26	1.23	0.00
Fraction of Analyzed Core		0.104	0.263	0.415	0.037	0.032	0.150	0.000
Porosity Thickness (por-m)	0.72	0.103	0.237	0.274	0.035	0.025	0.046	0.000
Permeability Thickness (mD-m)	539.97	466.56	57.55	15.43	0.24	0.13	0.06	0.00
Wt. Average Porosity	0.088	0.122	0.110	0.081	0.115	0.098	0.037	0.000
Wt. Average Permeability	65.85	548.89	26.65	4.54	0.80	0.49	0.05	0.00
Wt. Average Residual Oil	0.25	0.196	0.223	0.247	0.299	0.133	0.355	0.000
Wt. Average Residual Water	0.091	0.098	0.079	0.077	0.072	0.089	0.149	0.000

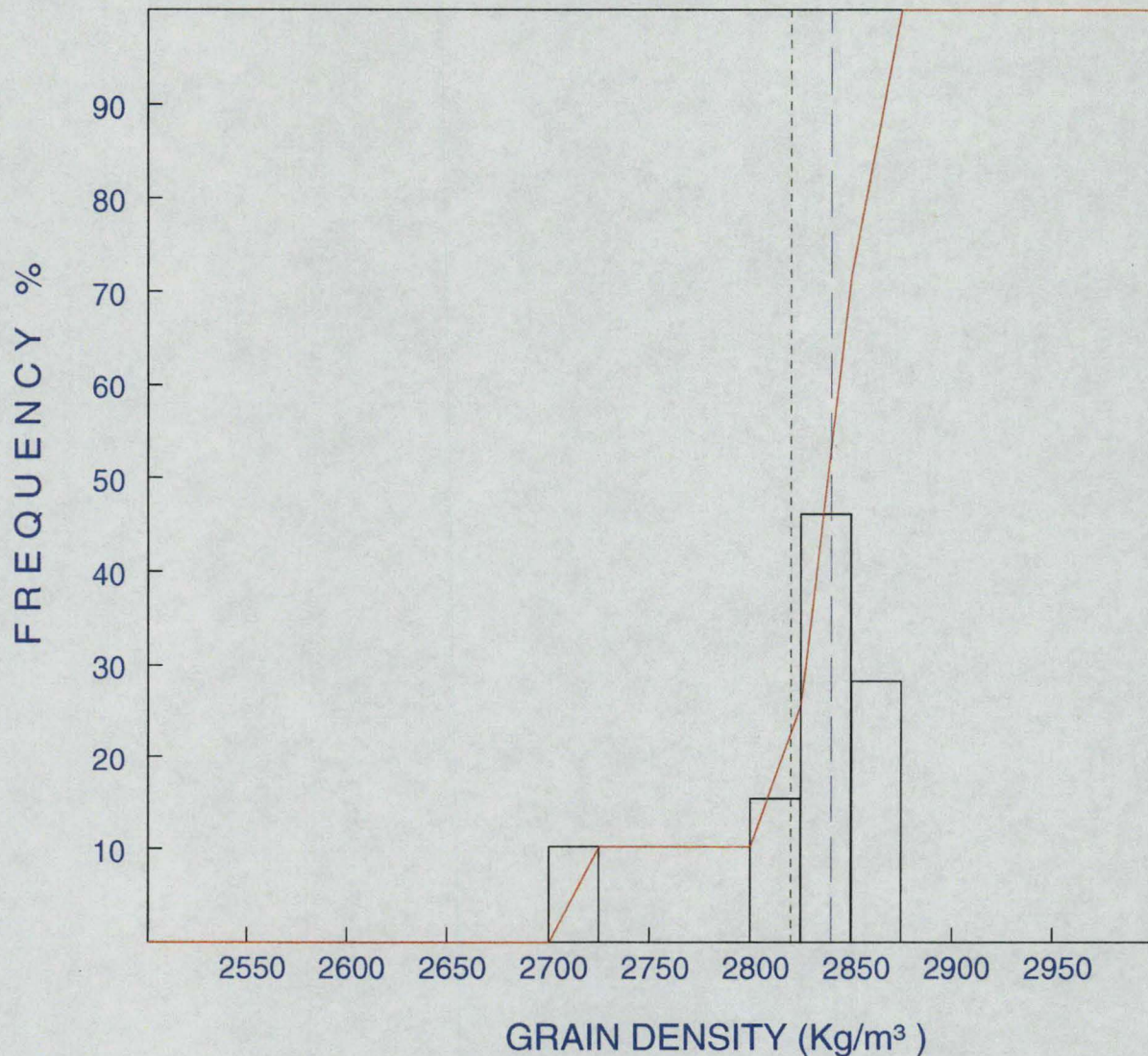
Wt. Average (geom.) Kmax. mD for all Samples = 4.18

Wt. Average (harm.) Kmax. mD for all Samples = 0.19

Company : PARAMOUNT RESOURCES LTD.
Location : J-04(60-10, 117-30)
Well Name : PARA et al CAMERON J-04
Interval : 1406.00-1425.00m
Formation : SULPHUR POINT

FIGURE : 1
Date : 23-Mar-2007
AGAT Job : RC12929

GRAIN DENSITY DISTRIBUTION

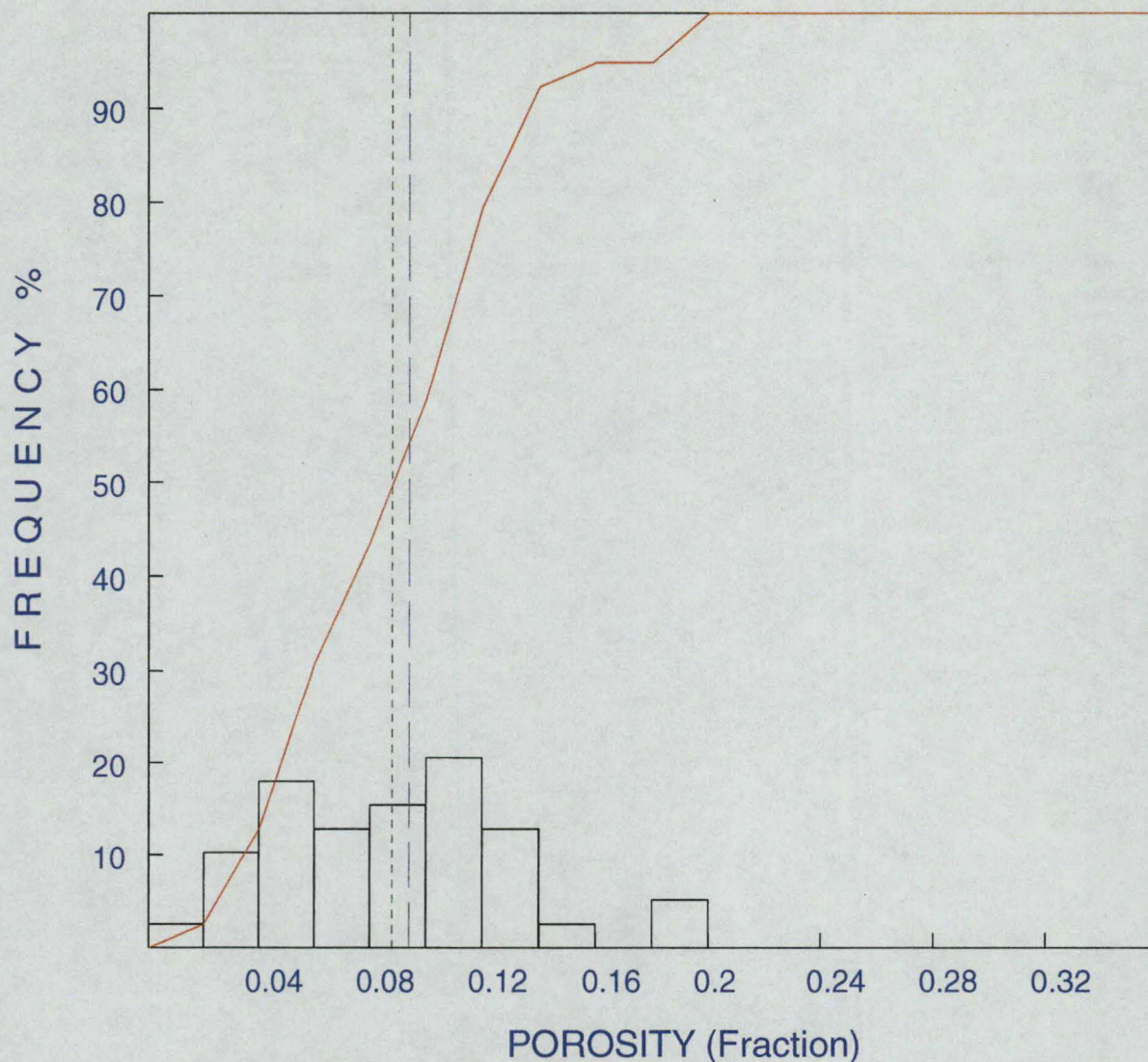


Arithmetic Mean		Mean: 2820
Median	-----	Median: 2840
Cum. Frequency %	—————	

Company : PARAMOUNT RESOURCES LTD.
Location : J-04(60-10, 117-30)
Well Name : PARA et al CAMERON J-04
Interval : 1406.00-1425.00m
Formation : SULPHUR POINT

FIGURE : 2
Date : 23-Mar-2007
AGAT Job : RC12929

POROSITY DISTRIBUTION

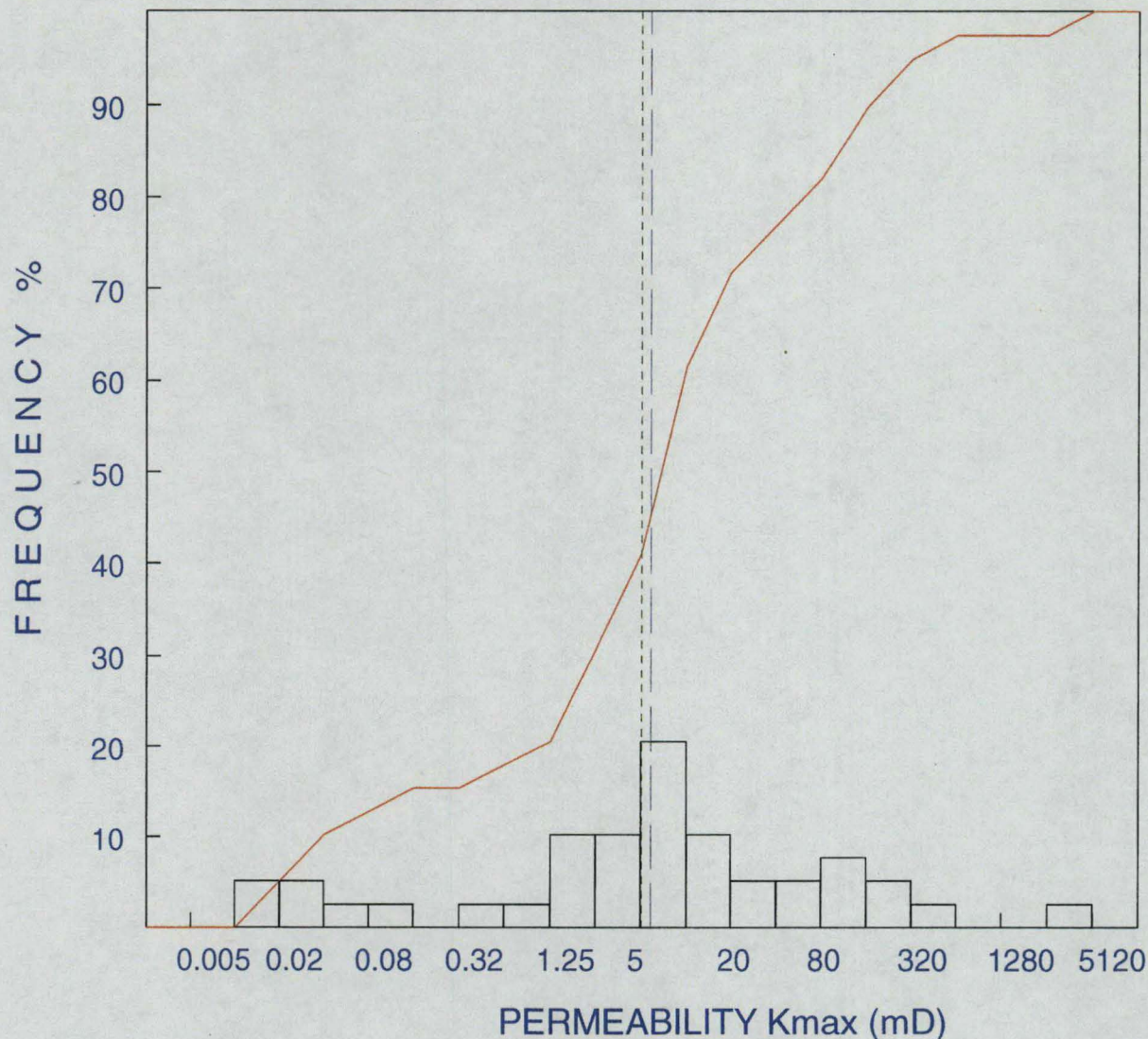


Arithmetic Mean		Mean: 0.088
Median	-----	Median: 0.094
Cum. Frequency %	—————	

Company : PARAMOUNT RESOURCES LTD.
 Location : J-04(60-10, 117-30)
 Well Name : PARA et al CAMERON J-04
 Interval : 1406.00-1425.00m
 Formation : SULPHUR POINT

FIGURE : 3
 Date : 23-Mar-2007
 AGAT Job : RC12929

PERMEABILITY Kmax DISTRIBUTION

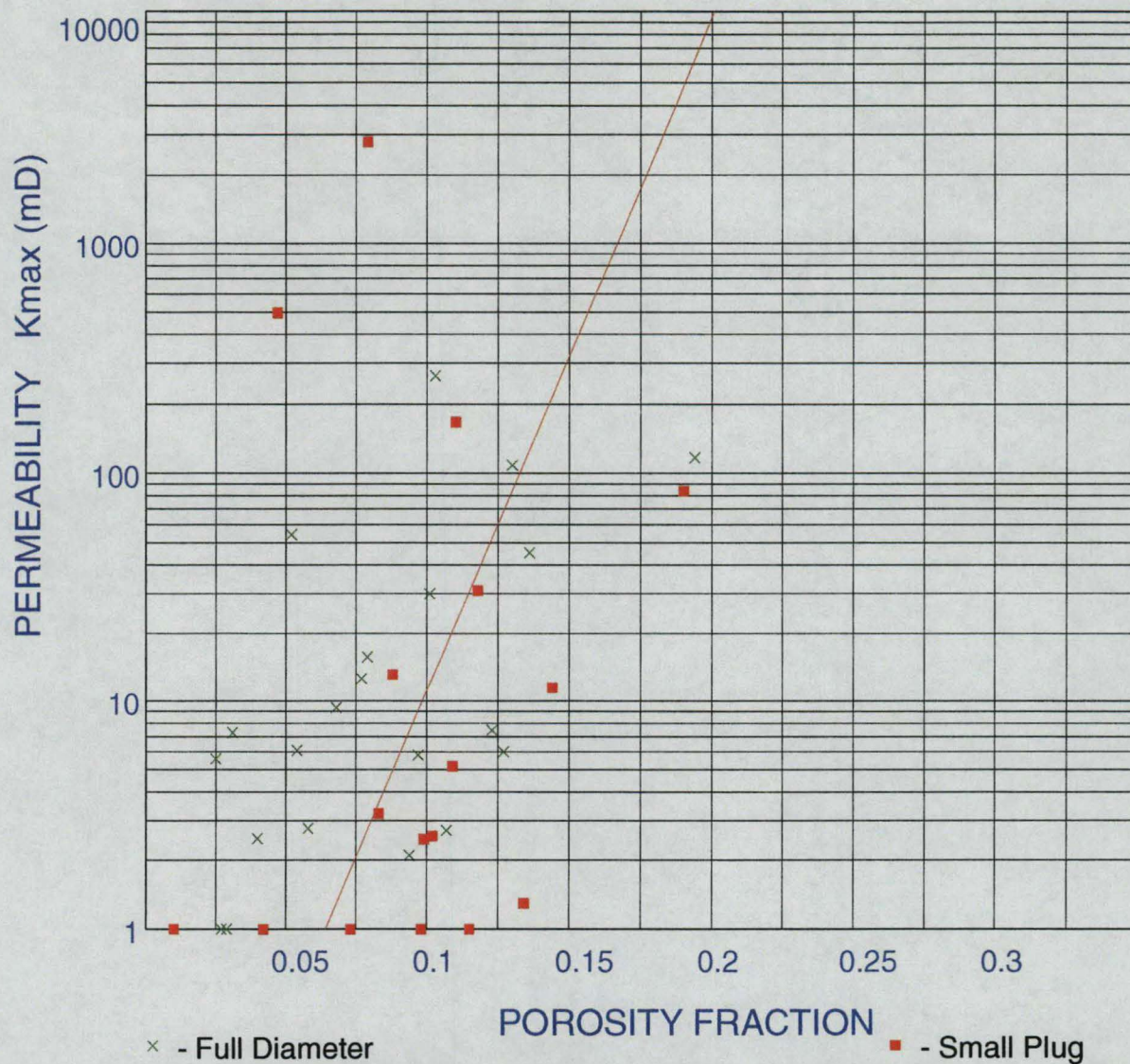


Arithmetic Mean		Mean: 5.02
Median	-----	Median: 6.02
Cum. Frequency %	—————	

Company : PARAMOUNT RESOURCES LTD.
Location : J-04(60-10, 117-30)
Well Name : PARA et al CAMERON J-04
Interval : 1406.00-1425.00m
Formation : SULPHUR POINT

FIGURE : 4
Date : 23-Mar-2007
AGAT Job : RC12929

POROSITY-PERMEABILITY CORRELATION



Equation of Line : $\log(K_{\max}) = -1.88 + 29.27 \times \text{Porosity}$
Correlation Coefficient $r = 0.47$

GENERAL LITHOLOGICAL DESCRIPTION

Company : PARAMOUNT RESOURCES LTD.
 Well : PARA et al CAMERON J-04
 Location : J-04(60-10,117-30)
 Formation : SULPHUR POINT
 Drilling Fluid : WATER BASE MUD

DATE : 23-03-2007
 W/O Number : RC12929
 Cored Interval : 1)1406.00-1413.40m
 2) 1413.40-1425.00m
 Recovery : 1) 7.40m
 2) 11.60m

GENERAL LITHOLOGICAL DESCRIPTIONS

CORE	DEPTH INTERVAL	CORE ANALYSIS	LITHOLOGY	REMARKS
1	1406.00-1407.67	NA	Limestone	Light to medium grey limestone; hard; scattered pyrite blebs; local dolomite cement; scattered voids/cracks/micro-fractures completely healed with silica cement; common low amplitude micro-stylolites; occasional slickensides defined by green waxy shale toward the base; gradational base. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.
1	1407.67-1408.45	SP001P- SP002P 001-002	Limestone (Mudstone/ Wackestone)	Beige to medium grey limestone; hard; patchy wackestone layers toward the base; minor or rare peloids and indistinct bioclast floated on very fine crystalline lime mud matrix; minor pyrite blebs; common low amplitude stylolites; scattered voids/cracks are completely healed with silica cement; scattered pinpoint vugs; common partially open/closed fractures. Fair intercrystalline/interparticle and pinpoint vuggy porosity; banded to even orange brown fluorescence.
1	1408.45-1409.57	NA	Limestone	Beige to medium grey lime-mudstone; hard; very fine crystalline; scattered crypt-algal laminae; common low amplitude stylolites; minor micropyrte blebs; sharp base. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.
1	1409.57-1409.93	NA	Dolomite	Beige to medium brown dolo-mudstone; hard; very fine to fine crystalline; minor micropyrte blebs; occasional lime-mudstone layers/fragments; common partially open/closed fractures healed with silica and calcite cement; minor pinpoint vugs; gradational base. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.
1	1409.93-1411.80	NA	Limestone	Beige to medium brown brecciated limestone; scattered subangular lime-mud clast; common crypt-algal/argillaceous laminae; occasional intraclast fragments; scattered fractures/cracks healed with calcite and silica cement; common slickensides surface lined with green waxy shale; gradational base. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.

Company : PARAMOUNT RESOURCES LTD.
 Well : PARA et al CAMERON J-04
 Location : J-04(60-10,117-30)
 Formation : SULPHUR POINT
 Drilling Fluid : WATER BASE MUD

DATE : 23-03-2007
 W/O Number : RC12929
 Cored Interval : 1) 1406.00-1413.40m
 2) 1413.40-1425.00m
 Recovery : 1) 7.40m
 2) 11.60m

GENERAL LITHOLOGICAL DESCRIPTIONS

CORE	DEPTH INTERVAL	CORE ANALYSIS	LITHOLOGY	REMARKS
1	1411.80-1413.40	SP003P-SP004P 003	Dolomite	Light to medium grey dolomite breccia; hard; abundant subangular to angular dolo-mudstone clasts (locally calcareous and argillaceous); local calcite cement; occasional fissile to subfissile shale layers; minor micropyrte; common low amplitude stylolites; scattered pinpoint vugs. Poor (locally tight) intercrystalline/interparticle and intergranular porosity; patchy to banded oil stain with orange brown fluorescence; patchy to even yellow chloroethane cut.
2	1413.40-1413.58	NA	Dolomite	Light to medium grey dolo-mudstone; minor micropyrte blebs; occasional thin waxy shale layers; common fractures healed calcite cement; rare pinpoint vugs; gradational base. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.
2	1413.58-1416.50	SP005P-SP009P 004-008	Dolomite/Shale	Light to medium brown (oil stained) dolomite; hard to locally rubbly; very fine to fine crystalline; minor micropyrte; locally interlaminated with non-fissile to sub-fissile greenish grey shale; minor brecciated dolomite clasts floating in dark grey shale matrix; local calcite cement; common argillaceous/crypt-algal laminae; minor anhydrite nodules and fine grained well developed dolomite crystals developed in vugs; scattered pinpoint and minor medium sized vugs; common horizontal and vertical fractures; gradational base. Fair to good intercrystalline/interparticle, intergranular, pinpoint and vuggy porosity; patchy to banded oil stain with orange brown fluorescence; patchy to banded yellow chloroethane cut.
2	1416.50-1418.42	NA	Dolomite	Light to medium grey dolomite; hard and locally rubbly; minor pyrite blebs; locally interlaminated with non-fissile to sub-fissile shale; occasional slickensides defined by dark grey waxy shale; common fractures partially/completely healed with sparry calcite (locally with silica) cement; sharp base. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.

Company : PARAMOUNT RESOURCES LTD.
 Well : PARA et al CAMERON J-04
 Location : J-04(60-10,117-30)
 Formation : SULPHUR POINT
 Drilling Fluid : WATER BASE MUD

DATE : 23-03-2007
 W/O Number : RC12929
 Cored Interval : 1)1406.00-1413.40m
 2) 1413.40-1425.00m
 Recovery : 1) 7.40m
 2) 11.60m

GENERAL LITHOLOGICAL DESCRIPTIONS

CORE	DEPTH INTERVAL	CORE ANALYSIS	LITHOLOGY	REMARKS
2	1418.42-1423.10	SP010P-SP018P 009 -021	Dolomite (Mudstone/ Wackestone)	Beige to medium grey dolo-mudstone; hard to rubble; locally grading to wackestone; scattered <u>Amphipora</u> and minor coral fragments; common argillaceous/crypt-algal laminae; locally interlaminated with dark grey waxy shale; common slickensides with dark grey waxy shale surface; gradational base. Poor to very good (locally tight) intercrystalline/interparticle and pinpoint and vuggy porosity; patchy to banded oil stain with orange brown fluorescence; patchy to banded yellow chloroethane cut.
2	1423.10-1423.59	NA	Dolomite/Shale	Beige to medium brown dolomite; hard; microcrystalline; locally interlaminated with dark subfissile to non-fissile shale; common fractures healed with calcite cement; gradational base. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.
2	1423.59-1425.40	NA	Anhydrite/Shale	Beige to medium brown anhydrite; hard; cryptocrystalline; locally interlaminated with dark grey shale. Tight; spotty to patchy oil stain with orange brown fluorescence; spotty to patchy yellow chloroethane cut.

SAMPLE HANDLING

AGAT LABORATORIES CORE SERVICES

SAMPLE HANDLING AND ANALYSIS INFORMATION

Company : PARAMOUNT RESOURCES LTD.
Well : PARA et al CAMERON J-04
Location : J-04(60-10, 117-30)

Coring Equipment : Diamond
Coring Fluid : Water Base Mud
Core Diameter : 0.10 m
Total Cored : 19.00 m
Total Recovered : 19.00 m

W/O Number : RC12929
Date : 23-Mar-2007

HANDLING

Core Transported in : Boxes
Cutting Solution : Brine
Cleaning Solvent : Toluene
Extraction : Vapor Phase
Cleaning Time : 648 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 colour/uv photos of whole core
Three (3) sets of color photos of slabbed core
Plus report/photo images on CD



ABBREVIATIONS

COMMON ABBREVIATIONS

abnt Abundant
 abv Abbreviations
 Alg Algae (al)
 alt Altered (ing)
 amor Amorphous
 Amph Amphipora
 ang Angular
 anhy Anhydrite (ic)
 app Appear
 apr Apparent
 aprox Approximate (ly)
 arg Argillaceous
 ark Arkose (ic)
 asph Asphalt (ic)
 AST Assigned similar to
 (no actual sample taken)
 apha Aphanitic

bcm Become (ing)
 bd Bed
 bdd Bedded
 bdg Bedding
 Belm Belemnites
 bent Bentonite (ic)
 bf Buff
 biocl Bioclastic
 bioturb Bioturbated
 bit Bitumen (inous)
 bl Blue (ish)
 blk Black
 blk Blocky
 bnd Band (ed)
 Brac Brachiopod
 brec Breccia (ted)
 bri Bright
 brit Brittle
 brn Brown
 Bry Bryozoa
 bulb Bulbous
 bur Burrowed

c Coarse (ly)
 calc Calcite (areous)
 carb Carbonaceous
 cbl Cobble (64-256 mm)
 Ceph Cephalopod
 cgl Conglomerate
 chk Chalk (y)
 chlor Chlorite
 cht Chert
 chty Cherty
 cl Clastic
 cln Clean
 clr Clear
 cly Clay (ey)
 com Common
 coq Coquina
 Cor Coral
 crbnt Carbonate
 Crin Crinoid (al)
 crm Cream
 crpxl Cryptocrystalline
 ctc Contact

deb Debris
 decr Decrease (ing)
 desi Desiccation
 dism Disseminated
 dk Dark (er)
 dns Dense (er)
 dol Dolomite (ic)
 drsy Drusy
 dtrl Detrital (us)

elg Elongate
 euhed Euhedral

f Fine (ly)
 fau Fauna
 Fe Iron-Ferruginous
 Fe-mag Ferromagnesian
 fenst Fenestral
 fis Fissile
 fl Fill (ed)
 fld Feldspar (thic)
 flk Flake
 flky Flaky
 flor Fluorescence
 flt Fault (ed)
 fltg Floating
 foram Foraminifera
 fos Fossil (iferous)
 fr Fair
 frac Fracture (ed)
 frag Fragment (al)
 fri Friable
 frmwk Framework
 fros Frosted

g Good
 Gast Gastropod
 gl Glass (y)
 glau Glauconite (ic)
 gn Green
 gr Grain (ed)
 gran Granular
 grd Grade (ed)
 grml Granule (2-4 mm)
 gy Grey
 gyp Gypsum (iferous)

COMMON ABBREVIATIONS (CONTINUED)

hal	Halite	m	Medium	pk	Pink
hd	Hard	mar	Maroon	plag	Plagioclase
hfrac	Horizontal Fracture	mas	Massive	plcy	Pelecypod
hi	High	mat	Material, matter	pl	Plant
hrtl	Horizontal	mica	Mica (ceous)	plty	Platy
hvy	Heavy	mic	Micro	por	Porous (sity)
hydc	Hydrocarbon	mky	Milky	pos	Possible (ility)
		mnr	Minor	p-p	Pin-Point
ig	Igneous	mnr1	Mineral (ized)	pred	Predominant (ly)
imbed	Imbedded	mnut	Minute	prim	Primary
imp	Impression	Mol	Mollusca	prob	Probable (ly)
incl	Included (sion)	mot	Mottled	prom	Prominent (ly)
incr	Increase	mrly	Marly	pt	Part (ly)
indst	Indistinct	mtx	Matrix	ptch	Patch (es)
intbd	Interbedded			ptg	Parting
intcl	Intraclast (s)	n	No, none, non	purp	Purple
intfrag	Interfragmental	nod	Nodule	pyr	Pyrite (ic) (ized)
intgran	Intergranular	num	Numerous	pyrbit	Pyrobitumen
intlām	Interlaminated				
intr	Intrusion (ive)	o	Oil	qtz	Quartz
intv	Interval	occ	Occasional	qtzc	Quartzitic
intxl	Intercrystalline	od	Odor	qtzs	Quartzose
ireg	Irregular	ool	Oolite (ic)		
ird	Iridescent	op	Opaque	rd	Round (ed)
intrsk	Intraskeletal	org	Organic	repl	Replaced (ing) (ment)
		org	Orange	rex1	Recrystallized
kao	Kaolin	orth	Orthoclase	rmn	Remains (nant)
		Ost	Ostracod	rr	Rare
lam	Laminated	ovgth	Overgrowth	rsns	Resinous
lchd	Leached	ox	Oxidized	rthy	Earthy
len	Lentil (cular)				
lith	Lithographic	p	Preliminary (as suffix)	s	Small
lmy	Limy	pbl	Pebble (4-64 mm)	sa	Salt (y)
lrg	Large (er)	pel	Pellet	S	Sulphur
ls	Limestone	perm	permeability	s&p	Salt & Pepper
lse	Loose	pet	Petroleum (iferous)	sat	Saturated
lstr	Lustre	phos	Phosphate (ic)	sb	Sub
lt	Light (er)				

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	trmsl	Translucent	zn	Zone
shad	Shadow	trmsp	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 LOGS

COMPANY : PARAMOUNT RESOURCES LTD.

LOCATION : J-04(60-10, 117-30)

WELL : PARA et al CAMERON J-04

FORMATION : SULPHUR POINT

FIELD :

JOB : RC12929

DEPTH SCALE 1 : 240

RECOVERY : 19.00m

CORED INTERVAL : 1406.00-1425.00m

DRLG. FLD. : WATER BASE MUD

ELEVATION : KB:

GRD :

DATE : 23-Mar-2007

AGAT Laboratories



CORE LOG

Sat'n (frac PV)

Water (Sw)

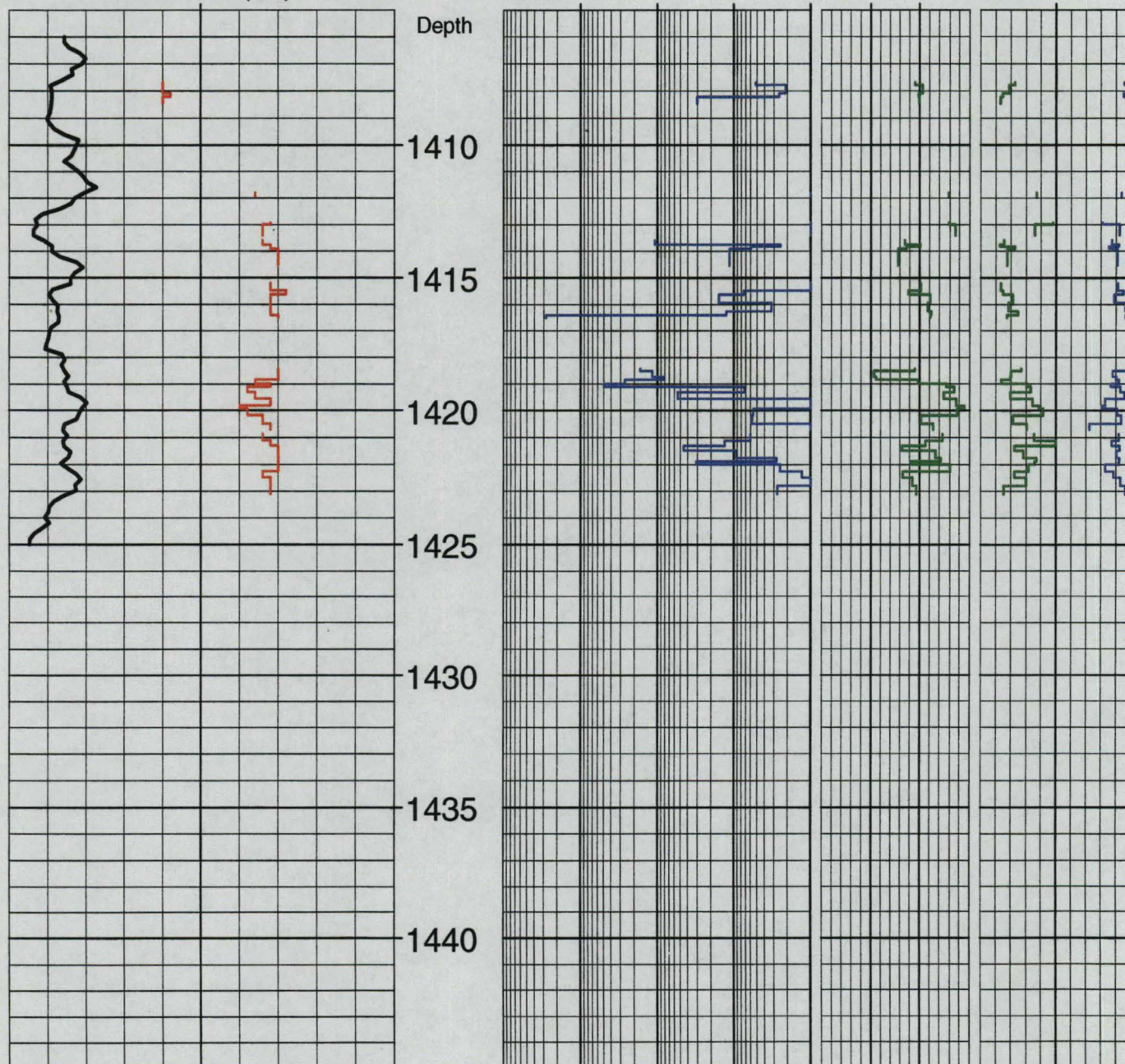
Oil (So)

1 0 0 1

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

Permeability-Kmax (mD)
10000

Porosity (frac)
1 0.3 0



COMPANY : PARAMOUNT RESOURCES LTD.

LOCATION : J-04(60-10, 117-30)

WELL : PARA et al CAMERON J-04

FORMATION : SULPHUR POINT

FIELD :

JOB : RC12929

DEPTH SCALE 1 : 240

RECOVERY : 19.00m

CORED INTERVAL : 1406.00-1425.00m

DRLG. FLD. : WATER BASE MUD

ELEVATION : KB:

GRD :

DATE : 23-Mar-2007

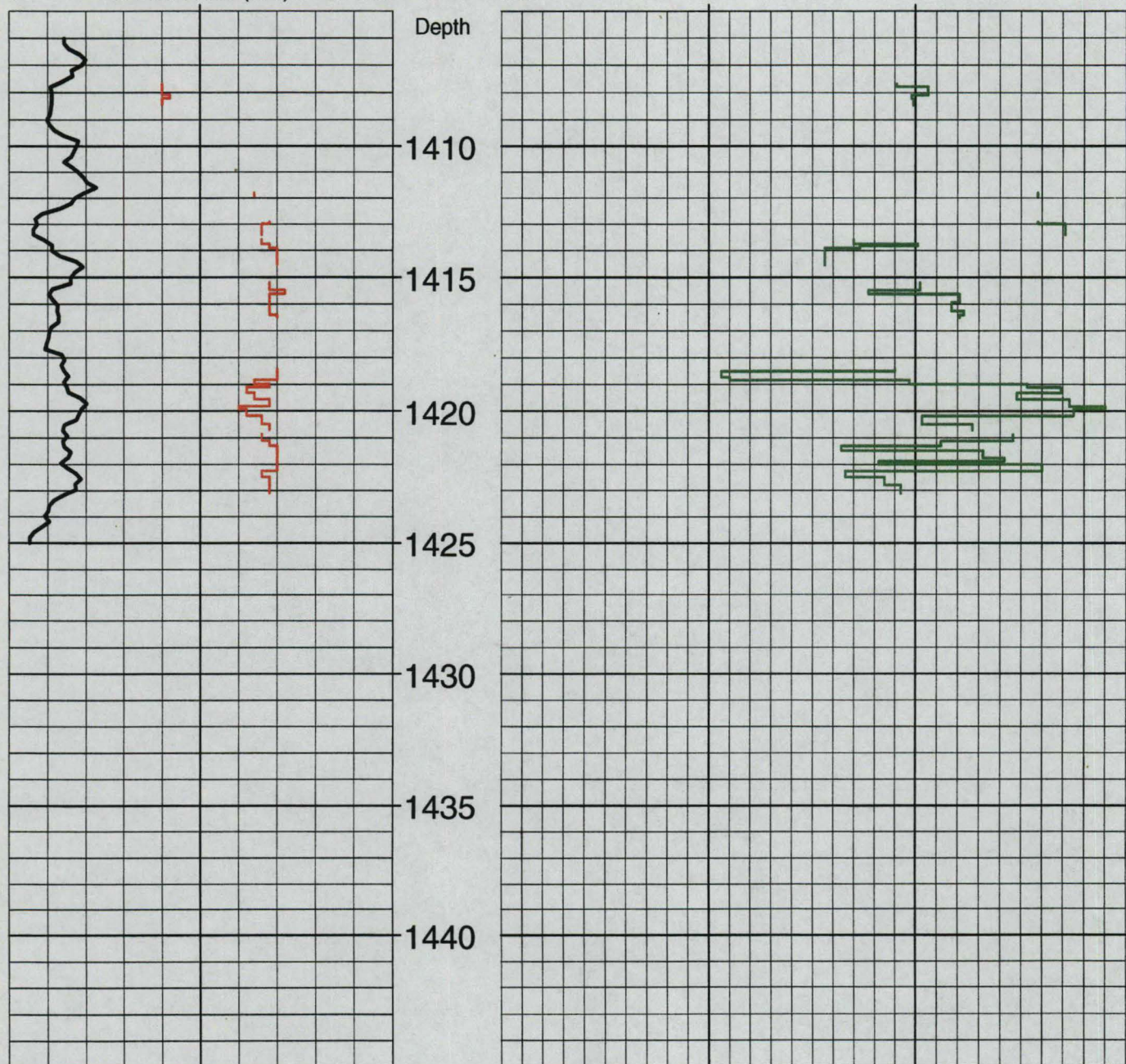
AGAT® Laboratories



CORE LOG

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

0.3 Porosity (fraction) 0



COMPANY : PARAMOUNT RESOURCES LTD.

LOCATION : J-04(60-10, 117-30)

WELL : PARA et al CAMERON J-04

FORMATION : SULPHUR POINT

FIELD :

JOB : RC12929

DEPTH SCALE 1 : 240

RECOVERY : 19.00m

CORED INTERVAL : 1406.00-1425.00m

DRLG. FLD. : WATER BASE MUD

ELEVATION : KB:

GRD :

DATE : 23-Mar-2007

AGAT® Laboratories



SPECTRAL GAMMA LOG

