

## CENTRAL PETROLEUM COALS

Sample number:		L3374		Sample ID: 0038-07-004, 555.10m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	18.7	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	56.42			TELOCOLLINITE	18.7	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	61.02	DETROVITRINITE	37.7	DENSINITE	0.0		
				DESMOCOLLINITE	37.7		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.4		
		TELO-INERTINITE	13.8	SEMIFUSINITE	13.4		
INERTINITE	27.55			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	29.80			INERTODETRINITE	12.6		
		DETRO-INERTINITE	13.8	MICRINITE	1.1		
				SPORINITE	5.8		
				CUTINITE	0.2		
				SUBERINITE	0.0		
				RESINITE	0.8		
LIPTINITE	8.49			FLUORINITE	0.0		
				LIPTODETRINITE	1.7		
LIPT ( MF)	9.18			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	7.55	QUARTZ	0.6	CLAY	2.1	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	4.9	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		530					
REFLECTANCE:		TELOVITRINITE	0.40	DETROVITRINITE	0.35	ALL VITRINITE	0.38
SD	0.030	NO. READINGS	30	SAMPLE TYPE	Crushed coal	OPERATOR	SPR
COMMENT:		Bands of pyrite present. Micrinite abundant in some telovitrinite.					

Sample number:		L3375		Sample ID:0038-07-014, 613.9m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL%	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	23.1	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	51.76			TELOCOLLINITE	23.1	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	53.12	DETROVITRINITE	28.6	DENSINITE	0.0		
				DESMOCOLLINITE	28.6		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.2		
		TELO-INERTINITE	16.9	SEMIFUSINITE	16.7		
INERTINITE	34.31			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	35.21			INERTODETRINITE	17.6		
		DETRO-INERTINITE	17.5	MICRINITE	0.0		
				SPORINITE	6.9		
				CUTINITE	0.6		
				SUBERINITE	0.8		
				RESINITE	0.8		
LIPTINITE	11.37			FLUORINITE	0.0		
				LIPTODETRINITE	2.4		
LIPT ( MF)	11.67			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	2.55	QUARTZ	0.4	CLAY	2.2	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		510					
REFLECTANCE:		TELOVITRINITE	0.39	DETROVITRINITE	0.37	ALL VITRINITE	0.39
SD	0.031	NO. READINGS	30	SAMPLE TYPE	Crshed coal	OPERATOR	SPR
COMMENT:							

Sample number:		L3376		Sample ID: 0038-07-041, 669.00m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	35.5	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	59.88			TELOCOLLINITE	35.5	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	61.55	DETROVITRINITE	24.4	DENSINITE	0.0		
				DESMOCOLLINITE	24.4		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.4		
		TELO-INERTINITE	17.2	SEMIFUSINITE	16.9		
INERTINITE	28.68			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	29.48			INERTODETRINITE	11.2		
		DETRO-INERTINITE	11.4	MICRINITE	0.2		
				SPORINITE	6.0		
				CUTINITE	0.8		
				SUBERINITE	0.0		
				RESINITE	0.8		
LIPTINITE	8.72			FLUORINITE	0.0		
				LIPTODETRINITE	1.2		
LIPT ( MF)	8.96			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	2.71	QUARTZ	0.4	CLAY	2.3	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		516					
REFLECTANCE:		TELOVITRINITE	0.39	DETROVITRINITE	0.39	ALL VITRINITE	0.39
SD	0.039	NO. READINGS	30	SAMPLE TYPE	Crshed coal	OPERATOR	SPR
COMMENT:		Most semifusinites have open lumens and disrupted structure.					

Sample number:		L3377		Sample ID:0038-07-062, 705.00m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	26.6	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	64.42			TELOCOLLINITE	26.6	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	65.77	DETROVITRINITE	37.8	DENSINITE	0.0		
				DESMOCOLLINITE	37.8		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.2		
		TELO-INERTINITE	18.4	SEMIFUSINITE	18.2		
INERTINITE	27.34			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	27.92			INERTODETRINITE	8.8		
		DETRO-INERTINITE	9.0	MICRINITE	0.2		
				SPORINITE	4.3		
				CUTINITE	0.6		
				SUBERINITE	0.0		
				RESINITE	0.2		
LIPTINITE	6.18			FLUORINITE	0.0		
				LIPTODETRINITE	1.1		
LIPT ( MF)	6.31			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	2.06	QUARTZ	0.2	CLAY	1.9	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		534					
REFLECTANCE:		TELOVITRINITE	0.31	DETROVITRINITE	0.29	ALL VITRINITE	0.30
SD	0.041	NO. READINGS	30	SAMPLE TYPE	Crshed coal	OPERATOR	SPR
COMMENT:							

Sample number:		L3378		Sample ID: 0038-07-070, 769.76m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	3.0	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	20.51			TELOCOLLINITE	3.0	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	21.44	DETROVITRINITE	17.6	DENSINITE	0.0		
				DESMOCOLLINITE	17.6		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.4		
		TELO-INERTINITE	56.8	SEMIFUSINITE	56.4		
INERTINITE	68.84			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	71.96			INERTODETRINITE	10.8		
		DETRO-INERTINITE	12.0	MICRINITE	1.2		
				SPORINITE	4.7		
				CUTINITE	0.4		
				SUBERINITE	0.0		
				RESINITE	0.0		
LIPTINITE	6.31			FLUORINITE	0.0		
				LIPTODETRINITE	1.2		
LIPT ( MF)	6.60			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	4.34	QUARTZ	0.0	CLAY	3.9	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.4	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		507					
REFLECTANCE:		TELOVITRINITE	0.32	DETROVITRINITE	0.29	ALL VITRINITE	0.30
SD	0.035	NO. READINGS	30	SAMPLE TYPE	Crushed coal	OPERATOR	SPR
COMMENT:		Some telovitrinite bands heavily micritinised.					
		Lumens in semifusinite are mostly empty and mineral matter occurs as discrete grains.					

Sample number:		L3379		Sample ID: 0038-07-078, 769.76m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	15.0	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	45.97			TELOCOLLINITE	15.0	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	48.42	DETROVITRINITE	31.0	DENSINITE	0.0		
				DESMOCOLLINITE	31.0		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.0		
		TELO-INERTINITE	27.6	SEMIFUSINITE	27.6		
INERTINITE	37.71			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	39.72			INERTODETRINITE	9.0		
		DETRO-INERTINITE	10.1	MICRINITE	1.1		
				SPORINITE	7.7		
				CUTINITE	0.6		
				SUBERINITE	0.0		
				RESINITE	1.3		
LIPTINITE	11.26			FLUORINITE	0.0		
				LIPTODETRINITE	1.7		
LIPT ( MF)	11.86			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	5.07	QUARTZ	0.0	CLAY	5.1	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		533					
REFLECTANCE:		TELOVITRINITE	0.31	DETROVITRINITE	0.31	ALL VITRINITE	0.31
SD	0.036	NO. READINGS	30	SAMPLE TYPE	Crushed coal	OPERATOR	SPR
COMMENT:							

Sample number:		L3380		Sample ID: 0038-07-087, 822.00m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	19.5	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	40.08			TELOCOLLINITE	19.5	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	42.02	DETROVITRINITE	20.6	DENSINITE	0.0		
				DESMOCOLLINITE	20.6		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.2		
		TELO-INERTINITE	36.6	SEMIFUSINITE	36.4		
INERTINITE	45.66			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	47.88			INERTODETRINITE	9.1		
		DETRO-INERTINITE	9.1	MICRINITE	0.0		
				SPORINITE	6.7		
				CUTINITE	1.0		
				SUBERINITE	0.0		
				RESINITE	0.8		
LIPTINITE	9.63			FLUORINITE	0.0		
				LIPTODETRINITE	1.2		
LIPT ( MF)	10.10			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	4.62	QUARTZ	0.0	CLAY	4.4	GLAUCONITE	0.0
		CALCITE	0.2	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		519					
REFLECTANCE:		TELOVITRINITE	0.35	DETROVITRINITE	0.32	ALL VITRINITE	0.34
SD	0.045	NO. READINGS	30	SAMPLE TYPE	Crushed coal	OPERATOR	SPR
COMMENT:							

Sample number:		L3381		Sample ID: 0038-07-091, 840.55m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	15.2	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	43.60			TELOCOLLINITE	15.2	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	46.09	DETROVITRINITE	28.4	DENSINITE	0.0		
				DESMOCOLLINITE	28.4		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	0.0		
		TELO-INERTINITE	30.2	SEMIFUSINITE	30.2		
INERTINITE	44.80			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	47.36			INERTODETRINITE	14.6		
		DETRO-INERTINITE	14.6	MICRINITE	0.0		
				SPORINITE	3.4		
				CUTINITE	0.8		
				SUBERINITE	0.0		
				RESINITE	0.6		
LIPTINITE	6.20			FLUORINITE	0.0		
				LIPTODETRINITE	1.4		
LIPT ( MF)	6.55			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	5.40	QUARTZ	0.8	CLAY	4.6	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		500					
REFLECTANCE:		TELOVITRINITE	0.32	DETROVITRINITE	0.29	ALL VITRINITE	0.30
SD	0.038	NO. READINGS	30	SAMPLE TYPE	Crushed coal	OPERATOR	SPR
COMMENT:							



Sample number:		L3382		Sample ID: 0038-07-100, 932.69m			
Company:		Central Petroleum		Sample type:		Crushed Coal	
MACERAL GROUP %		MACERAL SUBGROUP %		MACERAL %		SUBMACERAL %	
				TEXTINITE	0.0	TEXTINITE A & B	
		TELOVITRINITE	8.8	TEXTO-ULMINITE	0.0	TELINITE	
				EU-ULMINITE	0.0		
VITRINITE	36.33			TELOCOLLINITE	8.8	COLLINITE	
				ATTRINITE	0.0		
VIT ( MF)	38.40	DETROVITRINITE	27.5	DENSINITE	0.0		
				DESMOCOLLINITE	27.5		
				CORPOCOLLINITE	0.0		
		GELOVITRINITE	0.0	PORIGELINITE	0.0		
				EUGELINITE	0.0		
				FUSINITE	1.4		
		TELO-INERTINITE	23.4	SEMIFUSINITE	22.0		
INERTINITE	41.12			MACRINITE	0.0		
				SCLEROTINITE	0.0		
INERT ( MF)	43.46			INERTODETRINITE	17.8		
		DETRO-INERTINITE	17.8	MICRINITE	0.0		
				SPORINITE	13.2		
				CUTINITE	1.6		
				SUBERINITE	0.0		
				RESINITE	0.2		
LIPTINITE	17.17			FLUORINITE	0.0		
				LIPTODETRINITE	2.2		
LIPT ( MF)	18.14			ALGINITE	0.0	TELALGINITE	0.0
						LAMALGINITE	0.0
				BITUMINITE	0.0		
OIL-LIKE				EXSUDATINITE	0.0		
MATERIAL	0.00			MIGRABITUMEN	0.0		
				OIL DROPS	0.0		
MINERALS	5.39	QUARTZ	0.0	CLAY	5.4	GLAUCONITE	0.0
		CALCITE	0.0	SIDERITE	0.0	MARCASITE	0.0
		PYRITE	0.0	IRON OXIDES	0.0	OTHERS	0.0
NUMBER OF POINTS COUNTED:		501					
REFLECTANCE:		TELOVITRINITE	0.32	DETROVITRINITE	0.30	ALL VITRINITE	0.31
SD	0.048	NO. READINGS	30	SAMPLE TYPE	Crushed coal	OPERATOR	SPR
COMMENT:							