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ORIGIN	MIDANDS ENERGY	**BV REF No.**	NE12EX-0033-85012819
DESCRIPTION	Midands Coal Exploration Program - OJ001,OJ002,OJ003 AND OJ004	**DATE RECEIVED**	25/06/2012
REPORTED TO	Mr Ron Gregory	**DATE REPORTED**	13/09/2012
COPY TO	Noel Lennox		

MILANDS COAL EXPLORATION PROGRAM - OJ001,OJ002,OJ003 AND OJ004

RAW PLY ANALYSIS

61 mm Diameter Core

Sample Identification				Geological Information			Sample Receival Information			Analysis						
Hole Number	Ply Description	Sample Type	BV Sample Number	Depth From (m)	Depth To (m)	Thickness (m)	Mass Received (grams, ar)	Air Dry Mass (grams)	Core Recovery (%)	Relative Density (ad)	Moisture (%ad)	Ash (%ad)	Total Sulfur (%ad)	Calorific Value MJ/kg (ad)	Calorific Value Kcal/kg (ad)	Comments
OJ001	OJ001_5.4-5.90	POWER STATION FEED	1373393	5.40	5.90	0.50	1393.6	1374.4	51.1	1.84	6.6	50.6	0.18	12.92	3086	
OJ001	OJ001_6.20-7.10	POWER STATION FEED	1373397	6.20	7.10	0.90	2204.2	2194.7	56.0	1.49	3.0	20.3	0.53	26.47	6322	
OJ001	OJ001_12.98-13.64	POWER STATION FEED	1373401	12.98	13.64	0.66	3274.5	3253.4	89.2	1.89	7.0	57.6	0.41	10.82	2584	
OJ001	OJ001_55.33-55.54	POWER STATION FEED	1373405	55.33	55.54	0.21	786.5	782.1	75.4	1.69	4.9	40.8	0.33	18.26	4362	
OJ002	0J002_5.58-5.912	POWER STATION FEED	1373409	5.58	5.91	0.33	1129.8	1111.7	55.9	2.05	8.6	60.0	0.05	7.57	1808	
OJ002	OJ002_17.16-18.35	POWER STATION FEED	1373413	17.16	18.35	1.19	4936.4	4920.9	83.2	1.70	3.3	40.8	0.23	18.67	4460	
OJ002	OJ002_31.07-32.60	POWER STATION FEED	1373417	31.07	32.60	1.53	2435.5	2425.5	31.2	1.74	4.1	41.5	0.13	17.38	4152	
OJ002	OJ002_32.97-33.70	POWER STATION FEED	1373421	32.97	33.70	0.73	3032.6	3024.4	90.3	1.57	2.8	28.1	0.24	23.64	5646	
OJ002	OJ002_50.94-51.88	POWER STATION FEED	1373425	50.94	51.88	0.94	4119.4	4097.8	89.9	1.66	4.0	37.7	0.16	20.06	4792	
OJ002	OJ002_62.98-63.63	POWER STATION FEED	1373431	62.98	63.63	0.65	3855.4	3834.7	84.8	2.38	3.0	81.9	0.03	3.48	832	
OJ002	OJ002_63.63-64.82	POWER STATION FEED	1373436	63.63	64.82	1.19	6859.1	6815.5	81.7	2.40	3.8	79.7	0.48	2.80	668	
OJ003	OJ003_4.20-4.60	POWER STATION FEED	1373440	4.20	4.60	0.40	762.0	740.5	34.1	1.86	15.9	39.7	0.14	9.49	2266	
OJ003	OJ003_11.66-12.32	POWER STATION FEED	1373444	11.66	12.32	0.66	2552.9	2543.2	83.5	1.58	2.4	24.9	0.25	23.38	5584	
OJ003	OJ003_24.90-25.52	POWER STATION FEED	1373448	24.90	25.52	0.62	3544.8	3498.6	86.6	2.23	6.1	68.5	0.05	6.30	1504	
OJ003	OJ003_27.20-27.25	POWER STATION FEED	1373452	27.20	27.25	0.05	944.6	937.5	252.6	2.54	3.2	87.2	0.02	1.00	238	
OJ004	OJ004_12.82-13.94	POWER STATION FEED	1373456	12.82	13.94	1.12	4402.8	4380.4	77.4	1.73	3.9	42.2	0.42	17.66	4218	
OJ004	OJ004_28.35-29.10	POWER STATION FEED	1373460	28.35	29.10	0.75	2582.4	2578.7	74.0	1.59	1.8	29.2	0.44	24.22	5784	

Appendix 5

Provisional Raw Coal Assays for OJ002.