

BOREHOLE LITHOLOG									
VLR-21	Easting	Northing	RL						
	17936.70	18627.36	47.42						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-21	0	10	10	BLACK COTTON SOIL	-	-	-		
VLR-21	10	23	13	VARIEGATED CLAY	-	-	-		
VLR-21	23	27	4	GREY CLAY	-	-	-		
VLR-21	27	102	75	VARIEGATED CLAY	-	-	-		
VLR-21	102	105	3	GREY CLAY	-	-	-		
VLR-21	105	118	13	VARIEGATED CLAY	-	-	-		
VLR-21	118	121	3	WEATHERED TRAP BASALT	-	-	-		
VLR-21	121	128	7	GREY CLAY	-	-	-		
VLR-21	128	129	1	WEATHERED TRAP BASALT	-	-	-		
VLR-22	Easting	Northing	RL						
	17570.1517	18966.968	46.546						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-22	0	9.5	9.5	BLACK COTTON SOIL	-	-	-		
VLR-22	9.5	26	16.5	VARIEGATED CLAY	-	-	-		
VLR-22	26	30.35	4.35	GREY CLAY	-	-	-		
VLR-22	30.35	31	0.65	LIGNITE	35	24.56	2418.97	SEAM4	H3
VLR-22	31	32.8	1.8	GREY CLAY	-	-	-		
VLR-22	32.8	33	0.2	LIGNITE	-	-	-	SEAM4	H3
VLR-22	33	38.2	5.2	GREY CLAY	-	-	-		
VLR-22	38.2	38.5	0.3	LIGNITE	36.6	8.44	3593.12	SEAM4	H3
VLR-22	38.5	39	0.5	GREY CLAY	36.8	17.69	3014.18		
VLR-22	39	39.5	0.5	LIGNITE	36	5.31	3701.16	SEAM4	H3
VLR-22	39.5	40.5	1	LIGNITE	38	6.83	3382.27	SEAM4	H3
VLR-22	40.5	41.5	1	LIGNITE	38.5	6.15	3457.21	SEAM4	H3
VLR-22	41.5	45.5	4	GREY CLAY	-	-	-		
VLR-22	45.5	46	0.5	LIGNITE	42	29.52	1428.91	LOCAL SEAM	LOCAL SEAM
VLR-22	46	46.5	0.5	LIGNITE	45	14.7	2414.17	LOCAL SEAM	LOCAL SEAM
VLR-22	46.5	49.5	3	GREY CLAY	-	-	-		
VLR-22	49.5	50	0.5	LIGNITE	45	9.83	2837.15	LOCAL SEAM	LOCAL SEAM
VLR-22	50	51	1	GREY CLAY	-	-	-		
VLR-22	51	52	1	LIGNITE	47	12.73	2698.04	LOCAL SEAM	LOCAL SEAM
VLR-22	52	52.6	0.6	LIGNITE	47.5	10.74	2656.07	LOCAL SEAM	LOCAL SEAM
VLR-22	52.6	59.15	6.55	GREY CLAY	-	-	-		
VLR-22	59.15	60	0.85	LIGNITE	40	13.72	2747.97	SEAM5	H3
VLR-22	60	61	1	LIGNITE	38	10.2	3883.88	SEAM5	H3
VLR-22	61	62	1	LIGNITE	39	7.07	3517.66	SEAM5	H3
VLR-22	62	63	1	LIGNITE	39	7.48	3464.37	SEAM5	H3
VLR-22	63	69.5	6.5	GREY CLAY	-	-	-		
VLR-22	69.5	70	0.5	LIGNITE	40	30.41	1580.25	SEAM6	H3
VLR-22	70	70.5	0.5	LIGNITE	43	32.75	1242.76	SEAM6	H3
VLR-22	70.5	72.6	2.1	GREY CLAY	-	-	-		
VLR-22	72.6	73	0.4	LIGNITE	43	7	3238.95	LOCAL SEAM	LOCAL SEAM
VLR-22	73	74	1	LIGNITE	45	6.66	3097.96	LOCAL SEAM	LOCAL SEAM
VLR-22	74	79	5	GREY CLAY	-	-	-		
VLR-22	79	79.2	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-22	79.2	83	3.8	GREY CLAY	-	-	-		
VLR-22	83	83.65	0.65	LIGNITE	47	26.09	1161.17	LOCAL SEAM	LOCAL SEAM
VLR-22	83.65	105	21.35	GREY CLAY	-	-	-		
VLR-22	105	115	10	VARIEGATED CLAY	-	-	-		
VLR-22	115	124	9	GREY CLAY	-	-	-		
VLR-22	124	125.5	1.5	WEATHERED TRAP BASALT	-	-	-		

VLR-23	Easting	Northing	RL						
	17289.8841	19230.5455	45.3944						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-23	0	6	6	BLACK COTTON SOIL	-	-	-		
VLR-23	6	19	13	VARIEGATED CLAY	-	-	-		
VLR-23	19	19.2	0.2	CONGLOMERATE	-	-	-		
VLR-23	19.2	21	1.8	VARIEGATED CLAY	-	-	-		
VLR-23	21	21.15	0.15	SILTSTONE	-	-	-		
VLR-23	21.15	26	4.85	VARIEGATED CLAY	-	-	-		
VLR-23	26	26.4	0.4	CONGLOMERATE	-	-	-		
VLR-23	26.4	37	10.6	VARIEGATED CLAY	-	-	-		
VLR-23	37	38	1	GREY CLAY	-	-	-		
VLR-23	38	38.35	0.35	LIGNITE	50.8	13.83	2266.94	LOCAL SEAM	LOCAL SEAM
VLR-23	38.35	41	2.65	GREY CLAY	-	-	-		
VLR-23	41	43	2	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-23	43	48.8	5.8	GREY CLAY	-	-	-		
VLR-23	48.8	50	1.2	LIGNITE	51	13.56	2211.26	SEAM2	H2
VLR-23	50	53	3	GREY CLAY	-	-	-		
VLR-23	53	54.55	1.55	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-23	54.55	55	0.45	LIGNITE	48	8.61	2891.22	LOCAL SEAM	LOCAL SEAM
VLR-23	55	56	1	GREY CLAY	-	-	-		
VLR-23	56	57	1	LIGNITE	48.6	11.41	2595.13	SEAM3	H2
VLR-23	57	58	1	LIGNITE	50	8.09	2814.07	SEAM3	H2
VLR-23	58	58.3	0.3	GREY CLAY	-	-	-		
VLR-23	58.3	59	0.7	LIGNITE	52	19.4	1473	SEAM3	H2
VLR-23	59	59.5	0.5	LIGNITE	50	16.4	1789	SEAM3	H2
VLR-23	59.5	63	3.5	GREY CLAY	-	-	-		
VLR-23	63	64	1	LIGNITE	54	6.58	2540.29	SEAM4	H3
VLR-23	64	65	1	LIGNITE	55	5.01	2553	SEAM4	H3
VLR-23	65	66	1	LIGNITE	54	5.09	2668.8	SEAM4	H3
VLR-23	66	66.8	0.8	LIGNITE	53	19.3	1673.61	SEAM4	H3
VLR-23	66.8	67	0.2	SILTSTONE	-	-	-		
VLR-23	67	68	1	LIGNITE	53	4.32	2748.4	SEAM4	H3
VLR-23	68	69	1	LIGNITE	52	3.97	2816.7	SEAM4	H3
VLR-23	69	69.35	0.35	LIGNITE	50	20.1	1600.25	SEAM4	H3
VLR-23	69.35	70.6	1.25	CARBONACEOUS CLAY	-	-	-		
VLR-23	70.6	71	0.4	LIGNITE	50	24.16	1316.58	SEAM4	H3
VLR-23	71	71.9	0.9	LIGNITE	52	6.26	2724.31	SEAM4	H3
VLR-23	71.9	72.1	0.2	SILTSTONE	-	-	-		
VLR-23	72.1	73	0.9	LIGNITE	52	4.3	2751.69	SEAM4	H3
VLR-23	73	74	1	LIGNITE	50	6.97	2747.75	SEAM4	H3
VLR-23	74	75	1	LIGNITE	50	5.2	2873.51	SEAM4	H3
VLR-23	75	76	1	CARBONACEOUS CLAY	-	-	-		
VLR-23	76	77.8	1.8	GREY CLAY	-	-	-		
VLR-23	77.8	79	1.2	LIGNITE	52	9.85	2395.63	LOCAL SEAM	LOCAL SEAM
VLR-23	79	86	7	GREY CLAY	-	-	-		
VLR-23	86	86.8	0.8	LIGNITE	53	9.41	2357.27	LOCAL SEAM	LOCAL SEAM
VLR-23	86.8	87	0.2	SILTSTONE	-	-	-		
VLR-23	87	87.5	0.5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-23	87.5	88	0.5	LIGNITE	53	7.24	2522.83	LOCAL SEAM	LOCAL SEAM
VLR-23	88	89	1	LIGNITE	52	3.59	2837.3	LOCAL SEAM	LOCAL SEAM
VLR-23	89	89.75	0.75	LIGNITE	53	11.54	2188.36	LOCAL SEAM	LOCAL SEAM
VLR-23	89.75	93.85	4.1	GREY CLAY	-	-	-		
VLR-23	93.85	94	0.15	LIGNITE	-	-	-	SEAM5	H3
VLR-23	94	95	1	LIGNITE	50	5.36	2974.92	SEAM5	H3
VLR-23	95	95.7	0.7	GREY CLAY	-	-	-		
VLR-23	95.7	96	0.3	LIGNITE	48	10.56	2651.64	SEAM5	H3
VLR-23	96	97	1	LIGNITE	51	6.43	2830.4	SEAM5	H3
VLR-23	97	97.15	0.15	SILTSTONE	-	-	-		
VLR-23	97.15	98	0.85	LIGNITE	55	3.59	2759.63	SEAM5	H3

ANNEXURE-1

VLR-23	98	99	1	LIGNITE	50	6.37	2686.6	SEAM5	H3
VLR-23	99	99.84	0.84	LIGNITE	50	6.5	2741.62	SEAM5	H3
VLR-23	99.84	100	0.16	CARBONACEOUS CLAY	-	-	-		
VLR-23	100	105.253	5.253	GREY CLAY	-	-	-		
VLR-23	105.253	106	0.747	LIGNITE	48	16.14	2266.89	SEAM6	H3
VLR-23	106	108.25	2.25	GREY CLAY	-	-	-		
VLR-23	108.25	109	0.75	LIGNITE	48.8	8.97	2508.8	LOCAL SEAM	LOCAL SEAM
VLR-23	109	113.6	4.6	GREY CLAY	-	-	-		
VLR-23	113.6	114	0.4	LIGNITE	50	28.76	843.33	LOCAL SEAM	LOCAL SEAM
VLR-23	114	115	1	CARBONACEOUS CLAY	-	-	-		
VLR-23	115	116	1	GREY CLAY	-	-	-		
VLR-23	116	117	1	CARBONACEOUS CLAY	-	-	-		
VLR-23	117	123	6	GREY CLAY	-	-	-		
VLR-23	123	124	1	CARBONACEOUS CLAY	-	-	-		
VLR-23	124	130	6	GREY CLAY	-	-	-		
VLR-23	130	131	1	CARBONACEOUS CLAY	-	-	-		
VLR-23	131	133	2	GREY CLAY	-	-	-		
VLR-23	133	134.5	1.5	CARBONACEOUS CLAY	-	-	-		
VLR-23	134.5	146	11.5	GREY CLAY	-	-	-		
VLR-23	146	150	4	WEATHERED TRAP BASALT	-	-	-		
VLR-24	Easting	Northing	RL						
	17021.28	19470.49	44.549						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-24	0	7	7	BLACK COTTON SOIL	-	-	-		
VLR-24	7	45	38	VARIEGATED CLAY	-	-	-		
VLR-24	45	48.4	3.4	GREY CLAY	-	-	-		
VLR-24	48.4	48.6	0.2	SILTSTONE	-	-	-		
VLR-24	48.6	49	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-24	49	99.9	50.9	GREY CLAY	-	-	-		
VLR-24	99.9	100	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-24	100	104.7	4.7	GREY CLAY	-	-	-		
VLR-24	104.7	105.7	1	LIGNITE	51.8	9.48	2736.6	LOCAL SEAM	LOCAL SEAM
VLR-24	104.7	106.7	2	LIGNITE	-	-	-	SEAM4	H3
VLR-24	105.7	106.7	1	LIGNITE	52	6.6	2800.7	LOCAL SEAM	LOCAL SEAM
VLR-24	106.7	107	0.3	SILTSTONE	-	-	-		
VLR-24	107	107.7	0.7	LIGNITE	52.2	6.48	2912.1	SEAM4	H3
VLR-24	107.7	108.9	1.2	GREY CLAY	-	-	-		
VLR-24	108.9	109.2	0.3	LIGNITE	52	9.32	2618.2	SEAM4	H3
VLR-24	109.2	109.8	0.6	CARBONACEOUS CLAY	-	-	-		
VLR-24	109.8	110.8	1	LIGNITE	52.2	10.78	2594.9	LOCAL SEAM	LOCAL SEAM
VLR-24	109.8	111.05	1.25	LIGNITE	-	-	-	SEAM4	H3
VLR-24	110.8	111.05	0.25	LIGNITE	52	8.8	2778	LOCAL SEAM	LOCAL SEAM
VLR-24	111.05	111.25	0.2	SILTSTONE	-	-	-		
VLR-24	111.25	112.25	1	LIGNITE	52.6	11.12	2404	LOCAL SEAM	LOCAL SEAM
VLR-24	111.25	114.5	3.25	LIGNITE	-	-	-	SEAM4	H3
VLR-24	112.25	113.25	1	LIGNITE	52.6	10.41	2514	LOCAL SEAM	LOCAL SEAM
VLR-24	113.25	114.5	1.25	LIGNITE	52.4	9.96	2592	LOCAL SEAM	LOCAL SEAM
VLR-24	114.5	114.6	0.1	CARBONACEOUS CLAY	-	-	-		
VLR-24	114.6	126	11.4	GREY CLAY	-	-	-		
VLR-24	126	136	10	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-24	136	137	1	LIGNITE	53	8.54	2613	LOCAL SEAM	LOCAL SEAM
VLR-24	136	138.3	2.3	LIGNITE	-	-	-	SEAM5	H3
VLR-24	137	138.3	1.3	LIGNITE	52.8	8.77	2673	LOCAL SEAM	LOCAL SEAM
VLR-24	138.3	138.6	0.3	SILTSTONE	-	-	-		
VLR-24	138.6	138.8	0.2	LIGNITE	-	-	-	SEAM5	H3
VLR-24	138.8	150	11.2	GREY CLAY	-	-	-		

VLR-25	Easting	Northing	RL						
	17695.7794	18516.0892	45.3152						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-25	0	8	8	BLACK COTTON SOIL	-	-	-		
VLR-25	8	56	48	VARIEGATED CLAY	-	-	-		
VLR-25	56	81	25	GREY CLAY	-	-	-		
VLR-25	81	85	4	VARIEGATED CLAY	-	-	-		
VLR-25	85	87	2	GREY CLAY	-	-	-		
VLR-25	87	90	3	VARIEGATED CLAY	-	-	-		
VLR-25	90	113	23	GREY CLAY	-	-	-		
VLR-25	113	120	7	WEATHERED TRAP BASALT	-	-	-		
VLR-26	Easting	Northing	RL						
	17474.6338	18717.2967	46.353						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-26	0	7	7	BLACK COTTON SOIL	-	-	-		
VLR-26	7	33	26	VARIEGATED CLAY	-	-	-		
VLR-26	33	35	2	GREY CLAY	-	-	-		
VLR-26	35	35.18	0.18	LIGNITE	-	-	-	SEAM5	H3
VLR-26	35.18	36.67	1.49	GREY CLAY	-	-	-		
VLR-26	36.67	37	0.33	LIGNITE	39.6	9.82	3265.9	SEAM5	H3
VLR-26	37	38	1	LIGNITE	40	6.49	3569.3	SEAM5	H3
VLR-26	38	39	1	LIGNITE	40	9.68	3202.4	SEAM5	H3
VLR-26	39	40	1	LIGNITE	40	7.13	3333.8	SEAM5	H3
VLR-26	40	40.8	0.8	GREY CLAY	-	-	-		
VLR-26	40.8	41	0.2	LIGNITE	35	13.16	3041.8	SEAM5	H3
VLR-26	41	41.25	0.25	LIGNITE	36	12.44	3090.5	SEAM5	H3
VLR-26	41.25	49	7.75	GREY CLAY	-	-	-		
VLR-26	49	49.2	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-26	49.2	75	25.8	GREY CLAY	-	-	-		
VLR-26	75	80	5	VARIEGATED CLAY	-	-	-		
VLR-26	80	81	1	GREY CLAY	-	-	-		
VLR-26	81	82	1	VARIEGATED CLAY	-	-	-		
VLR-26	82	88	6	GREY CLAY	-	-	-		
VLR-26	88	99	11	VARIEGATED CLAY	-	-	-		
VLR-26	99	113	14	GREY CLAY	-	-	-		
VLR-26	113	124	11	VARIEGATED CLAY	-	-	-		
VLR-26	124	133	9	GREY CLAY	-	-	-		
VLR-26	133	140	7	WEATHERED TRAP BASALT	-	-	-		
VLR-27	Easting	Northing	RL						
	17110.1252	19056.3187	44.8448						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-27	0	9	9	BLACK COTTON SOIL	-	-	-		
VLR-27	9	32	23	VARIEGATED CLAY	-	-	-		
VLR-27	32	33	1	GREY CLAY	-	-	-		
VLR-27	33	34	1	GREY CLAY	-	-	-		
VLR-27	34	35	1	GREY CLAY	-	-	-		
VLR-27	35	36	1	GREY CLAY	-	-	-		
VLR-27	36	37	1	LIGNITE	45	5	3379	SEAM2	H2
VLR-27	37	37.35	0.35	LIGNITE	47	6.29	3028	SEAM2	H2
VLR-27	37.35	38	0.65	GREY CLAY	-	-	-		
VLR-27	38	50.5	12.5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-27	50.5	51.2	0.7	LIGNITE	50	10	2498	LOCAL SEAM	LOCAL SEAM
VLR-27	51.2	55	3.8	GREY CLAY	-	-	-		
VLR-27	55	55.7	0.7	LIGNITE	50	8.03	2721	LOCAL SEAM	LOCAL SEAM
VLR-27	55.7	57	1.3	GREY CLAY	-	-	-		

ANNEXURE-1

VLR-27	57	58	1	LIGNITE	55	5.05	2621	SEAM3	H2
VLR-27	58	58.65	0.65	GREY CLAY	-	-	-		
VLR-27	58.65	59	0.35	LIGNITE	55	5	2649	SEAM3	H2
VLR-27	59	59.3	0.3	LIGNITE	50	23.06	1274	SEAM3	H2
VLR-27	59.3	62	2.7	GREY CLAY	-	-	-		
VLR-27	62	63	1	LIGNITE	55	5.06	2605	SEAM4	H3
VLR-27	63	64	1	LIGNITE	53	4.52	2776.71	SEAM4	H3
VLR-27	64	65	1	LIGNITE	52	15.93	2050.97	SEAM4	H3
VLR-27	65	65.95	0.95	LIGNITE	50	5.31	2956.43	SEAM4	H3
VLR-27	65.95	66	0.05	SILTSTONE	-	-	-		
VLR-27	66	67	1	LIGNITE	52	3.17	2923	SEAM4	H3
VLR-27	67	67.25	0.25	LIGNITE	48	9	2887.01	SEAM4	H3
VLR-27	67.25	69.4	2.15	GREY CLAY	-	-	-		
VLR-27	69.4	70	0.6	LIGNITE	54.6	11.13	2259.94	SEAM4	H3
VLR-27	70	70.9	0.9	LIGNITE	54	4.4	2764.44	SEAM4	H3
VLR-27	70.9	71	0.1	SILTSTONE	-	-	-		
VLR-27	71	72	1	LIGNITE	55	3.32	2739.18	SEAM4	H3
VLR-27	72	72.2	0.2	GREY CLAY	-	-	-		
VLR-27	72.2	72.3	0.1	SILTSTONE	-	-	-		
VLR-27	72.3	73	0.7	LIGNITE	55	5.08	2608.12	SEAM4	H3
VLR-27	73	74	1	LIGNITE	50	5.17	2933.78	SEAM4	H3
VLR-27	74	78	4	GREY CLAY	-	-	-		
VLR-27	78	79	1	LIGNITE	49	7.05	2984.9	LOCAL SEAM	LOCAL SEAM
VLR-27	79	81	2	GREY CLAY	-	-	-		
VLR-27	81	81.2	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-27	81.2	86.75	5.55	GREY CLAY	-	-	-		
VLR-27	86.75	87	0.25	LIGNITE	45.8	24.07	1767.63	SEAM5	H3
VLR-27	87	87.2	0.2	LIGNITE	-	-	-	SEAM5	H3
VLR-27	87.2	88	0.8	GREY CLAY	-	-	-		
VLR-27	88	89	1	LIGNITE	52	5.62	2881.46	SEAM5	H3
VLR-27	89	90	1	LIGNITE	52	5.63	2937.45	SEAM5	H3
VLR-27	90	91	1	LIGNITE	50.4	4.11	2842.32	SEAM5	H3
VLR-27	91	91.7	0.7	LIGNITE	50.4	11.25	2324.61	SEAM5	H3
VLR-27	91.7	92	0.3	GREY CLAY	-	-	-		
VLR-27	92	93.65	1.65	CARBONACEOUS CLAY	-	-	-		
VLR-27	93.65	94	0.35	LIGNITE	49.8	13.81	2168.42	SEAM5	H3
VLR-27	94	94.75	0.75	LIGNITE	50	8.8	2566.53	SEAM5	H3
VLR-27	94.75	95	0.25	CARBONACEOUS CLAY	-	-	-		
VLR-27	95	95.7	0.7	GREY CLAY	-	-	-		
VLR-27	95.7	96	0.3	LIGNITE	51	10.35	2434.29	SEAM5	H3
VLR-27	96	97	1	LIGNITE	50	4.76	3053.22	SEAM5	H3
VLR-27	97	98	1	LIGNITE	53	4.9	2697.07	SEAM5	H3
VLR-27	98	99	1	LIGNITE	50	5.09	2874	SEAM5	H3
VLR-27	99	100	1	LIGNITE	50	8.02	2710	SEAM5	H3
VLR-27	100	129	29	GREY CLAY	-	-	-		
VLR-27	129	137	8	VARIEGATED CLAY	-	-	-		
VLR-27	137	140	3	GREY CLAY	-	-	-		
VLR-28	Easting	Northing	RL						
	16910.73	19291.36	43.95						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-28	0	6	6	BLACK COTTON SOIL	-	-	-		
VLR-28	6	14.7	8.7	VARIEGATED CLAY	-	-	-		
VLR-28	14.7	15	0.3	CONGLOMERATE	-	-	-		
VLR-28	15	27	12	VARIEGATED CLAY	-	-	-		
VLR-28	27	29	2	CONGLOMERATE	-	-	-		
VLR-28	29	30.3	1.3	VARIEGATED CLAY	-	-	-		
VLR-28	30.3	33	2.7	CONGLOMERATE	-	-	-		
VLR-28	33	42.5	9.5	VARIEGATED CLAY	-	-	-		
VLR-28	42.5	96.3	53.8	GREY CLAY	-	-	-		
VLR-28	96.3	97.3	1	LIGNITE	51	5.78	3037.3	LOCAL SEAM	LOCAL SEAM

ANNEXURE-1

VLR-28	96.3	103.5	7.2	LIGNITE	-	-	-	SEAM4	H3
VLR-28	97.3	98.3	1	LIGNITE	51.2	8.33	2893.9	LOCAL SEAM	LOCAL SEAM
VLR-28	98.3	99.3	1	LIGNITE	51.2	4.41	3079.1	LOCAL SEAM	LOCAL SEAM
VLR-28	99.3	100.3	1	LIGNITE	51.4	5.01	2994.2	LOCAL SEAM	LOCAL SEAM
VLR-28	100.3	101.3	1	LIGNITE	51.2	5.29	2985.5	LOCAL SEAM	LOCAL SEAM
VLR-28	101.3	102.3	1	LIGNITE	51	4.61	3199.1	LOCAL SEAM	LOCAL SEAM
VLR-28	102.3	103.5	1.2	LIGNITE	51.4	4.67	3143.3	LOCAL SEAM	LOCAL SEAM
VLR-28	103.5	105.05	1.55	GREY CLAY	-	-	-		
VLR-28	105.05	105.3	0.25	LIGNITE	52.2	4.7	2938.2	SEAM4	H3
VLR-28	105.3	105.6	0.3	GREY CLAY	-	-	-		
VLR-28	105.6	106.6	1	LIGNITE	52	4.47	2658.3	LOCAL SEAM	LOCAL SEAM
VLR-28	105.6	107	1.4	LIGNITE	-	-	-	SEAM4	H3
VLR-28	106.6	107	0.4	LIGNITE	51.8	6.15	2853.2	LOCAL SEAM	LOCAL SEAM
VLR-28	107	107.2	0.2	SILTSTONE	-	-	-		
VLR-28	107.2	108.2	1	LIGNITE	52	5.05	2921.9	LOCAL SEAM	LOCAL SEAM
VLR-28	107.2	109.9	2.7	LIGNITE	-	-	-	SEAM4	H3
VLR-28	108.2	109.2	1	LIGNITE	51.8	8.48	2644.9	LOCAL SEAM	LOCAL SEAM
VLR-28	109.2	109.9	0.7	LIGNITE	52.2	5.72	2918.14	LOCAL SEAM	LOCAL SEAM
VLR-28	109.9	130	20.1	GREY CLAY	-	-	-		
VLR-28	130	130.4	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-28	130.4	131.1	0.7	GREY CLAY	-	-	-		
VLR-28	131.1	132.2	1.1	LIGNITE	51.8	4.72	2839	SEAM5	H3
VLR-28	132.2	132.3	0.1	SILTSTONE	-	-	-		
VLR-28	132.3	133.3	1	LIGNITE	51.6	3.41	3040.4	LOCAL SEAM	LOCAL SEAM
VLR-28	132.3	133.7	1.4	LIGNITE	-	-	-	SEAM5	H3
VLR-28	133.3	133.7	0.4	LIGNITE	52.2	4.36	3028.6	LOCAL SEAM	LOCAL SEAM
VLR-28	133.7	135.3	1.6	CARBONACEOUS CLAY	-	-	-		
VLR-28	135.3	136	0.7	LIGNITE	52	3.71	2916	SEAM5	H3
VLR-28	136	142	6	GREY CLAY	-	-	-		
VLR-28	142	142.5	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-28	142.5	142.9	0.4	GREY CLAY	-	-	-		
VLR-28	142.9	143.1	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-28	143.1	143.9	0.8	GREY CLAY	-	-	-		
VLR-28	143.9	144	0.1	CARBONACEOUS CLAY	-	-	-		
VLR-28	144	150	6	GREY CLAY	-	-	-		
VLR-30	Eastings	Northings	RL						
	17281.8658	18555.1694	45.93						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-30	0	8	8	BLACK COTTON SOIL	-	-	-		
VLR-30	8	30	22	VARIEGATED CLAY	-	-	-		
VLR-30	30	34	4	GREY CLAY	-	-	-		
VLR-30	34	35	1	CARBONACEOUS CLAY	-	-	-		
VLR-30	35	35.8	0.8	LIGNITE	42	8.11	3142.8	SEAM5	H3
VLR-30	35.8	36	0.2	SILTSTONE	-	-	-		
VLR-30	36	37	1	LIGNITE	45	6.9	3008.4	SEAM5	H3
VLR-30	37	38	1	LIGNITE	45	8.23	2903.4	SEAM5	H3
VLR-30	38	38.65	0.65	GREY CLAY	-	-	-		
VLR-30	38.65	39	0.35	LIGNITE	42.6	5.96	3364.51	SEAM5	H3
VLR-30	39	39.4	0.4	LIGNITE	45	12.56	2730.49	SEAM5	H3
VLR-30	39.4	46	6.6	GREY CLAY	-	-	-		
VLR-30	46	46.4	0.4	LIGNITE	50	7.56	2787.82	SEAM5	H3
VLR-30	46.4	49.4	3	GREY CLAY	-	-	-		
VLR-30	49.4	50.2	0.8	LIGNITE	48	25.45	1507.82	SEAM5	H3
VLR-30	50.2	57.5	7.3	GREY CLAY	-	-	-		
VLR-30	57.5	58	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-30	58	108	50	GREY CLAY	-	-	-		
VLR-30	108	130	22	VARIEGATED CLAY	-	-	-		
VLR-30	130	132	2	WEATHERED TRAP BASALT	-	-	-		

VLR-31	Easting	Northing	RL						
	16974.1476	18841.3719	44.4799						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-31	0	10	10	BLACK COTTON SOIL	-	-	-		
VLR-31	10	31	21	VARIEGATED CLAY	-	-	-		
VLR-31	31	34	3	GREY CLAY	-	-	-		
VLR-31	34	35	1	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-31	35	35.7	0.7	GREY CLAY	-	-	-		
VLR-31	35.7	36	0.3	LIGNITE	47	14.75	2444.05	SEAM2	H2
VLR-31	36	37	1	LIGNITE	47.8	8.21	3083.01	SEAM2	H2
VLR-31	37	42	5	GREY CLAY	-	-	-		
VLR-31	42	48	6	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-31	48	48.15	0.15	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-31	48.15	52.45	4.3	GREY CLAY	-	-	-		
VLR-31	52.45	53	0.55	LIGNITE	52	8.48	2629.94	SEAM3	H2
VLR-31	53	54	1	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-31	54	54.6	0.6	LIGNITE	52	8	2643	SEAM3	H2
VLR-31	54.6	58.8	4.2	GREY CLAY	-	-	-		
VLR-31	58.8	59	0.2	LIGNITE	-	-	-	SEAM4	H3
VLR-31	59	60	1	LIGNITE	55	3.74	2585	SEAM4	H3
VLR-31	60	61	1	LIGNITE	53	8.09	2533	SEAM4	H3
VLR-31	61	62	1	LIGNITE	52	4	2797	SEAM4	H3
VLR-31	62	63	1	LIGNITE	52	4.45	2750	SEAM4	H3
VLR-31	63	64	1	LIGNITE	52	13.64	2119.91	SEAM4	H3
VLR-31	64	64.5	0.5	GREY CLAY	-	-	-		
VLR-31	64.5	65	0.5	LIGNITE	50	16.74	2064.8	SEAM4	H3
VLR-31	65	66	1	LIGNITE	52	4.23	2922.44	SEAM4	H3
VLR-31	66	67	1	LIGNITE	50	3.73	3016.79	SEAM4	H3
VLR-31	67	68	1	LIGNITE	51	4.25	2916.4	SEAM4	H3
VLR-31	68	69	1	LIGNITE	50	5.54	3026.67	SEAM4	H3
VLR-31	69	72.4	3.4	GREY CLAY	-	-	-		
VLR-31	72.4	73	0.6	LIGNITE	46	8.59	3184.99	LOCAL SEAM	LOCAL SEAM
VLR-31	73	75	2	GREY CLAY	-	-	-		
VLR-31	75	75.1	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-31	75.1	79	3.9	GREY CLAY	-	-	-		
VLR-31	79	79.15	0.15	CARBONACEOUS CLAY	-	-	-		
VLR-31	79.15	80	0.85	LIGNITE	49	15.39	2419.01	SEAM5	H3
VLR-31	80	81	1	LIGNITE	50	10.26	2808	SEAM5	H3
VLR-31	81	81.15	0.15	GREY CLAY	-	-	-		
VLR-31	81.15	82	0.85	LIGNITE	50	13.95	2524.82	SEAM5	H3
VLR-31	82	83	1	LIGNITE	49	5.53	3101.18	SEAM5	H3
VLR-31	83	83.5	0.5	LIGNITE	48	16.95	2126.45	SEAM5	H3
VLR-31	83.5	85.5	2	GREY CLAY	-	-	-		
VLR-31	85.5	86.5	1	CARBONACEOUS CLAY	-	-	-		
VLR-31	86.5	87	0.5	GREY CLAY	-	-	-		
VLR-31	87	87.3	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-31	87.3	88	0.7	LIGNITE	53	13.53	2140.36	SEAM5	H3
VLR-31	88	88.45	0.45	LIGNITE	53	16.27	1947.29	SEAM5	H3
VLR-31	88.45	89.45	1	GREY CLAY	-	-	-		
VLR-31	89.45	90	0.55	LIGNITE	52	16.57	2033.4	SEAM5	H3
VLR-31	90	90.7	0.7	LIGNITE	53	8.01	2582	SEAM5	H3
VLR-31	90.7	91	0.3	GREY CLAY	-	-	-		
VLR-31	91	92	1	LIGNITE	53	9.02	2473	SEAM5	H3
VLR-31	92	92.5	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-31	92.5	101.8	9.3	GREY CLAY	-	-	-		
VLR-31	101.8	102	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-31	102	103	1	GREY CLAY	-	-	-		
VLR-31	103	104.5	1.5	CARBONACEOUS CLAY	-	-	-		
VLR-31	104.5	143	38.5	GREY CLAY	-	-	-		
VLR-31	143	150	7	WEATHERED TRAP BASALT	-	-	-		

VLR-32	Easting	Northing	RL						
	16734.13	19057.79	44.43						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-32	0	6	6	BLACK COTTON SOIL	-	-	-		
VLR-32	6	42	36	VARIEGATED CLAY	-	-	-		
VLR-32	42	46	4	CONGLOMERATE	-	-	-		
VLR-32	46	49.3	3.3	VARIEGATED CLAY	-	-	-		
VLR-32	49.3	126.1	76.8	GREY CLAY	-	-	-		
VLR-32	126.1	126.2	0.1	CARBONACEOUS CLAY	-	-	-		
VLR-32	126.2	126.3	0.1	GREY CLAY	-	-	-		
VLR-32	126.3	126.6	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-32	126.6	129.1	2.5	GREY CLAY	-	-	-		
VLR-32	129.1	130	0.9	CARBONACEOUS CLAY	-	-	-		
VLR-32	130	149	19	GREY CLAY	-	-	-		
VLR-32	149	150	1	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-34	Easting	Northing	RL						
	17201.709	18285.726	45.401						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-34	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-34	4	52	48	VARIEGATED CLAY	-	-	-		
VLR-34	52	55	3	GREY CLAY	-	-	-		
VLR-34	55	58	3	VARIEGATED CLAY	-	-	-		
VLR-34	58	90	32	GREY CLAY	-	-	-		
VLR-34	90	108	18	WEATHERED TRAP BASALT	-	-	-		
VLR-35	Easting	Northing	RL						
	16928.753	18543.48	44.846						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-35	0	7	7	BLACK COTTON SOIL	-	-	-		
VLR-35	7	37	30	VARIEGATED CLAY	-	-	-		
VLR-35	37	38	1	LIGNITE	51	8.65	2717	LOCAL SEAM	LOCAL SEAM
VLR-35	37	39	2	LIGNITE	-	-	-	SEAM3	H2
VLR-35	38	39	1	LIGNITE	51.2	6.85	2926	LOCAL SEAM	LOCAL SEAM
VLR-35	39	41	2	CARBONACEOUS CLAY	-	-	-		
VLR-35	41	42.8	1.8	GREY CLAY	-	-	-		
VLR-35	42.8	43.8	1	LIGNITE	51.6	6.34	2659	LOCAL SEAM	LOCAL SEAM
VLR-35	42.8	44.8	2	LIGNITE	-	-	-	SEAM4	H3
VLR-35	43.8	44.8	1	LIGNITE	51.4	9.53	2700	LOCAL SEAM	LOCAL SEAM
VLR-35	44.8	46	1.2	GREY CLAY	-	-	-		
VLR-35	46	48.7	2.7	CARBONACEOUS CLAY	-	-	-		
VLR-35	48.7	49.2	0.5	LIGNITE	51	9.72	2839	SEAM4	H3
VLR-35	49.2	50.3	1.1	GREY CLAY	-	-	-		
VLR-35	50.3	51.3	1	LIGNITE	51.2	7.75	2787.2	LOCAL SEAM	LOCAL SEAM
VLR-35	50.3	53.5	3.2	LIGNITE	-	-	-	SEAM4	H3
VLR-35	51.3	52.3	1	LIGNITE	51.2	9.72	2786.3	LOCAL SEAM	LOCAL SEAM
VLR-35	52.3	53.5	1.2	LIGNITE	51.4	7.88	2748.2	LOCAL SEAM	LOCAL SEAM
VLR-35	53.5	55	1.5	GREY CLAY	-	-	-		
VLR-35	55	55.7	0.7	LIGNITE	52	8.66	2800.3	LOCAL SEAM	LOCAL SEAM
VLR-35	55.7	62.8	7.1	GREY CLAY	-	-	-		
VLR-35	62.8	63.6	0.8	LIGNITE	52.6	8.76	2751	SEAM5	H3
VLR-35	63.6	67	3.4	GREY CLAY	-	-	-		
VLR-35	67	68.8	1.8	CARBONACEOUS CLAY	-	-	-		
VLR-35	68.8	69	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-35	69	69.1	0.1	CARBONACEOUS CLAY	-	-	-		
VLR-35	69.1	74.7	5.6	GREY CLAY	-	-	-		
VLR-35	74.7	74.9	0.2	CARBONACEOUS CLAY	-	-	-		

ANNEXURE-1

VLR-35	74.9	83	8.1	GREY CLAY	-	-	-		
VLR-35	83	85	2	WEATHERED TRAP BASALT	-	-	-		
VLR-35	85	88	3	GREY CLAY	-	-	-		
VLR-35	88	90	2	WEATHERED TRAP BASALT	-	-	-		
VLR-35	90	95.6	5.6	GREY CLAY	-	-	-		
VLR-35	95.6	97	1.4	WEATHERED TRAP BASALT	-	-	-		
VLR-35	97	98	1	GREY CLAY	-	-	-		
VLR-35	98	148	50	WEATHERED TRAP BASALT	-	-	-		
VLR-36	Easting	Northing	RL						
	16757.42	18723.677	44.211						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-36	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-36	4	22	18	VARIEGATED CLAY	-	-	-		
VLR-36	22	36	14	GREY CLAY	-	-	-		
VLR-36	36	38.3	2.3	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-36	38.3	39.3	1	LIGNITE	50.2	7.25	2675.19	LOCAL SEAM	LOCAL SEAM
VLR-36	38.3	39.8	1.5	LIGNITE	-	-	-	SEAM2	H2
VLR-36	39.3	39.8	0.5	LIGNITE	50	2.95	3183.36	LOCAL SEAM	LOCAL SEAM
VLR-36	39.8	40	0.2	SILTSTONE	-	-	-		
VLR-36	40	47.2	7.2	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-36	47.2	48.25	1.05	LIGNITE	50	3.52	3011.34	LOCAL SEAM	LOCAL SEAM
VLR-36	48.25	53.5	5.25	GREY CLAY	-	-	-		
VLR-36	53.5	54.2	0.7	LIGNITE	49.8	3.24	3070.84	SEAM3	H2
VLR-36	54.2	56	1.8	CARBONACEOUS CLAY	-	-	-		
VLR-36	56	57	1	GREY CLAY	-	-	-		
VLR-36	57	60.8	3.8	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-36	60.8	61.8	1	LIGNITE	51	12.19	2100.48	LOCAL SEAM	LOCAL SEAM
VLR-36	60.8	63.4	2.6	LIGNITE	-	-	-	SEAM4	H3
VLR-36	61.8	62.8	1	LIGNITE	51.2	9.19	2893	LOCAL SEAM	LOCAL SEAM
VLR-36	62.8	63.4	0.6	LIGNITE	51.4	5.46	2986.8	LOCAL SEAM	LOCAL SEAM
VLR-36	63.4	63.5	0.1	SILTSTONE	-	-	-		
VLR-36	63.5	63.7	0.2	GREY CLAY	-	-	-		
VLR-36	63.7	64	0.3	SILTSTONE	-	-	-		
VLR-36	64	64.75	0.75	LIGNITE	52	10.36	2632.2	SEAM4	H3
VLR-36	64.75	64.8	0.05	SILTSTONE	-	-	-		
VLR-36	64.8	65.8	1	LIGNITE	52.4	5.41	2914.2	LOCAL SEAM	LOCAL SEAM
VLR-36	64.8	67.1	2.3	LIGNITE	-	-	-	SEAM4	H3
VLR-36	65.8	66.8	1	LIGNITE	52.4	3.38	3061.3	LOCAL SEAM	LOCAL SEAM
VLR-36	66.8	67.1	0.3	LIGNITE	52.2	3.99	2908.5	LOCAL SEAM	LOCAL SEAM
VLR-36	67.1	67.3	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-36	67.3	67.8	0.5	GREY CLAY	-	-	-		
VLR-36	67.8	68.3	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-36	68.3	68.55	0.25	LIGNITE	51.8	4.4	2973	SEAM4	H3
VLR-36	68.55	68.65	0.1	GREY CLAY	-	-	-		
VLR-36	68.65	69.65	1	LIGNITE	52	5.22	2988.7	LOCAL SEAM	LOCAL SEAM
VLR-36	68.65	71.5	2.85	LIGNITE	-	-	-	SEAM4	H3
VLR-36	69.65	70.65	1	LIGNITE	52	4.98	2972.5	LOCAL SEAM	LOCAL SEAM
VLR-36	70.65	71.5	0.85	LIGNITE	52.4	3.56	3047.5	LOCAL SEAM	LOCAL SEAM
VLR-36	71.5	74.2	2.7	GREY CLAY	-	-	-		
VLR-36	74.2	74.45	0.25	LIGNITE	52.2	6.26	2720.9	LOCAL SEAM	LOCAL SEAM
VLR-36	74.45	76.4	1.95	GREY CLAY	-	-	-		
VLR-36	76.4	76.5	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-36	76.5	83	6.5	GREY CLAY	-	-	-		
VLR-36	83	83.2	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-36	83.2	83.8	0.6	LIGNITE	51.6	5.42	3056.2	SEAM5	H3
VLR-36	83.8	84.4	0.6	GREY CLAY	-	-	-		
VLR-36	84.4	84.6	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-36	84.6	85.4	0.8	LIGNITE	51.4	11.17	2566.4	SEAM5	H3
VLR-36	85.4	98.35	12.95	GREY CLAY	-	-	-		
VLR-36	98.35	98.5	0.15	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM

ANNEXURE-1

VLR-36	98.5	99.65	1.15	GREY CLAY	-	-	-		
VLR-36	99.65	100.05	0.4	LIGNITE	51	6.45	3135.6	LOCAL SEAM	LOCAL SEAM
VLR-36	100.05	101.35	1.3	GREY CLAY	-	-	-		
VLR-36	101.35	102	0.65	LIGNITE	51.4	6.92	2934.2	LOCAL SEAM	LOCAL SEAM
VLR-36	102	103	1	GREY CLAY	-	-	-		
VLR-36	103	104	1	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-36	104	150	46	GREY CLAY	-	-	-		
VLR-37	Easting	Northing	RL						
	16562.449	18886.279	43.851						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-37	0	8	8	BLACK COTTON SOIL	-	-	-		
VLR-37	8	36	28	VARIEGATED CLAY	-	-	-		
VLR-37	36	36.2	0.2	CONGLOMERATE	-	-	-		
VLR-37	36.2	47.8	11.6	GREY CLAY	-	-	-		
VLR-37	47.8	48	0.2	CLAYSTONE	-	-	-		
VLR-37	48	53.35	5.35	GREY CLAY	-	-	-		
VLR-37	53.35	53.4	0.05	CLAYSTONE	-	-	-		
VLR-37	53.4	53.9	0.5	GREY CLAY	-	-	-		
VLR-37	53.9	54	0.1	CLAYSTONE	-	-	-		
VLR-37	54	61.7	7.7	GREY CLAY	-	-	-		
VLR-37	61.7	61.8	0.1	CLAYSTONE	-	-	-		
VLR-37	61.8	78	16.2	GREY CLAY	-	-	-		
VLR-37	78	78.2	0.2	CLAYSTONE	-	-	-		
VLR-37	78.2	78.75	0.55	GREY CLAY	-	-	-		
VLR-37	78.75	79	0.25	CLAYSTONE	-	-	-		
VLR-37	79	96.75	17.75	GREY CLAY	-	-	-		
VLR-37	96.75	97	0.25	LIGNITE	52	7.61	2569	LOCAL SEAM	LOCAL SEAM
VLR-37	97	150	53	GREY CLAY	-	-	-		
VLR-39	Easting	Northing	RL						
	16918.564	18198.246	44.565						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-39	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-39	4	58	54	VARIEGATED CLAY	-	-	-		
VLR-39	58	73	15	GREY CLAY	-	-	-		
VLR-39	73	77	4	WEATHERED TRAP BASALT	-	-	-		
VLR-39	77	78	1	GREY CLAY	-	-	-		
VLR-39	78	97	19	WEATHERED TRAP BASALT	-	-	-		
VLR-40	Easting	Northing	RL						
	16735.403	18377.574	44.233						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-40	0	7	7	BLACK COTTON SOIL	-	-	-		
VLR-40	7	28.6	21.6	VARIEGATED CLAY	-	-	-		
VLR-40	28.6	29	0.4	CONGLOMERATE	-	-	-		
VLR-40	29	31.6	2.6	VARIEGATED CLAY	-	-	-		
VLR-40	31.6	32.05	0.45	GREY CLAY	-	-	-		
VLR-40	32.05	32.4	0.35	LIGNITE	51.8	6.6	2879	SEAM4	H3
VLR-40	32.4	32.95	0.55	GREY CLAY	-	-	-		
VLR-40	32.95	33.1	0.15	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-40	33.1	36.8	3.7	GREY CLAY	-	-	-		
VLR-40	36.8	37.15	0.35	LIGNITE	51.6	9.7	2600	LOCAL SEAM	LOCAL SEAM
VLR-40	37.15	38	0.85	GREY CLAY	-	-	-		
VLR-40	38	38.4	0.4	LIGNITE	51.2	10.28	2640	SEAM5	H3
VLR-40	38.4	39.3	0.9	GREY CLAY	-	-	-		
VLR-40	39.3	40.3	1	LIGNITE	51.6	7.07	2831	LOCAL SEAM	LOCAL SEAM
VLR-40	39.3	40.7	1.4	LIGNITE	-	-	-	SEAM5	H3

ANNEXURE-1

VLR-40	40.3	40.7	0.4	LIGNITE	51.4	9.76	2680.7	LOCAL SEAM	LOCAL SEAM
VLR-40	40.7	41.8	1.1	GREY CLAY	-	-	-		
VLR-40	41.8	42.2	0.4	LIGNITE	51.2	7.12	2837.5	LOCAL SEAM	LOCAL SEAM
VLR-40	42.2	51.9	9.7	GREY CLAY	-	-	-		
VLR-40	51.9	52.25	0.35	LIGNITE	51.4	9.28	2434	LOCAL SEAM	LOCAL SEAM
VLR-40	52.25	53.8	1.55	CARBONACEOUS CLAY	-	-	-		
VLR-40	53.8	54.5	0.7	GREY CLAY	-	-	-		
VLR-40	54.5	55.6	1.1	CARBONACEOUS CLAY	-	-	-		
VLR-40	55.6	79	23.4	GREY CLAY	-	-	-		
VLR-40	79	84	5	WEATHERED TRAP BASALT	-	-	-		
VLR-40	84	91	7	GREY CLAY	-	-	-		
VLR-40	91	100	9	WEATHERED TRAP BASALT	-	-	-		
VLR-40	100	112	12	GREY CLAY	-	-	-		
VLR-40	112	150	38	WEATHERED TRAP BASALT	-	-	-		
VLR-41	Easting	Northing	RL						
	16550.229	18544.782	43.911						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-41	0	4.7	4.7	BLACK COTTON SOIL	-	-	-		
VLR-41	4.7	11.8	7.1	VARIEGATED CLAY	-	-	-		
VLR-41	11.8	13.1	1.3	CONGLOMERATE	-	-	-		
VLR-41	13.1	38.8	25.7	VARIEGATED CLAY	-	-	-		
VLR-41	38.8	54.2	15.4	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-41	54.2	54.4	0.2	CLAYSTONE	-	-	-		
VLR-41	54.4	54.7	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-41	54.7	55.2	0.5	LIGNITE	51	5.27	2906.4	SEAM3	H2
VLR-41	55.2	56	0.8	CARBONACEOUS CLAY	-	-	-		
VLR-41	56	57	1	LIGNITE	51.2	9.06	2470.9	LOCAL SEAM	LOCAL SEAM
VLR-41	56	57.8	1.8	LIGNITE	-	-	-	SEAM3	H2
VLR-41	57	57.8	0.8	LIGNITE	51	5.41	2987.3	LOCAL SEAM	LOCAL SEAM
VLR-41	57.8	58.8	1	CARBONACEOUS CLAY	-	-	-		
VLR-41	58.8	59	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-41	59	59.3	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-41	59.3	60	0.7	GREY CLAY	-	-	-		
VLR-41	60	62.6	2.6	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-41	62.6	63	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-41	63	64	1	LIGNITE	52	5.52	2875	LOCAL SEAM	LOCAL SEAM
VLR-41	63	65.7	2.7	LIGNITE	-	-	-	SEAM4	H3
VLR-41	64	65	1	LIGNITE	52	6.96	2848.33	LOCAL SEAM	LOCAL SEAM
VLR-41	65	65.7	0.7	LIGNITE	52.4	4.87	2882.4	LOCAL SEAM	LOCAL SEAM
VLR-41	65.7	65.8	0.1	SILTSTONE	-	-	-		
VLR-41	65.8	66.8	1	LIGNITE	52.2	3.35	3007.1	LOCAL SEAM	LOCAL SEAM
VLR-41	65.8	77.1	11.3	LIGNITE	-	-	-	SEAM4	H3
VLR-41	66.8	67.8	1	LIGNITE	51.6	6.25	2837.2	LOCAL SEAM	LOCAL SEAM
VLR-41	67.8	68.8	1	LIGNITE	51.8	6.46	2813.6	LOCAL SEAM	LOCAL SEAM
VLR-41	68.8	69.8	1	LIGNITE	51.6	4.13	2663.4	LOCAL SEAM	LOCAL SEAM
VLR-41	69.8	70.8	1	LIGNITE	52	5.29	2892.4	LOCAL SEAM	LOCAL SEAM
VLR-41	70.8	71.8	1	LIGNITE	51.4	4.25	3023.3	LOCAL SEAM	LOCAL SEAM
VLR-41	71.8	72.8	1	LIGNITE	51.8	5.87	2931.4	LOCAL SEAM	LOCAL SEAM
VLR-41	72.8	73.8	1	LIGNITE	52	10.83	2472	LOCAL SEAM	LOCAL SEAM
VLR-41	73.8	74.8	1	LIGNITE	52.2	4.85	2923.6	LOCAL SEAM	LOCAL SEAM
VLR-41	74.8	75.8	1	LIGNITE	52	5.96	2871.9	LOCAL SEAM	LOCAL SEAM
VLR-41	75.8	76.8	1	LIGNITE	51.8	5.9	2940.7	LOCAL SEAM	LOCAL SEAM
VLR-41	76.8	77.1	0.3	LIGNITE	51.6	13.12	2188.9	LOCAL SEAM	LOCAL SEAM
VLR-41	77.1	78.1	1	CARBONACEOUS CLAY	-	-	-		
VLR-41	78.1	79.1	1	LIGNITE	52	6.28	2732.2	LOCAL SEAM	LOCAL SEAM
VLR-41	79.1	80	0.9	CARBONACEOUS CLAY	-	-	-		
VLR-41	80	81.5	1.5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-41	81.5	82.7	1.2	LIGNITE	52	4.36	2934.6	LOCAL SEAM	LOCAL SEAM
VLR-41	82.7	84.4	1.7	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-41	84.4	84.5	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM

ANNEXURE-1

VLR-41	84.5	85	0.5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-41	85	91	6	GREY CLAY	-	-	-		
VLR-41	91	91.5	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-41	91.5	92	0.5	LIGNITE	52.4	4.54	2877.1	LOCAL SEAM	LOCAL SEAM
VLR-41	92	93	1	CARBONACEOUS CLAY	-	-	-		
VLR-41	93	97.1	4.1	GREY CLAY	-	-	-		
VLR-41	97.1	97.8	0.7	CARBONACEOUS CLAY	-	-	-		
VLR-41	97.8	98	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-41	98	98.5	0.5	GREY CLAY	-	-	-		
VLR-41	98.5	99.3	0.8	LIGNITE	52.6	5.47	2796.7	SEAM5	H3
VLR-41	99.3	100	0.7	CARBONACEOUS CLAY	-	-	-		
VLR-41	100	100.3	0.3	GREY CLAY	-	-	-		
VLR-41	100.3	101.3	1	LIGNITE	52.2	6.1	2833.5	LOCAL SEAM	LOCAL SEAM
VLR-41	100.3	103.3	3	LIGNITE	-	-	-	SEAM5	H3
VLR-41	101.3	102.3	1	LIGNITE	52.6	6.37	2818.6	LOCAL SEAM	LOCAL SEAM
VLR-41	102.3	103.3	1	LIGNITE	52.4	9.45	2548.6	LOCAL SEAM	LOCAL SEAM
VLR-41	103.3	104.2	0.9	GREY CLAY	-	-	-		
VLR-41	104.2	105	0.8	CARBONACEOUS CLAY	-	-	-		
VLR-41	105	119.9	14.9	GREY CLAY	-	-	-		
VLR-41	119.9	120.8	0.9	LIGNITE	52	5.8	2811.1	LOCAL SEAM	LOCAL SEAM
VLR-41	120.8	123	2.2	GREY CLAY	-	-	-		
VLR-41	123	123.1	0.1	CARBONACEOUS CLAY	-	-	-		
VLR-41	123.1	124.1	1	LIGNITE	52	4.5	2957.8	LOCAL SEAM	LOCAL SEAM
VLR-41	124.1	125.1	1	CARBONACEOUS CLAY	-	-	-		
VLR-41	125.1	125.2	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-41	125.2	126	0.8	CARBONACEOUS CLAY	-	-	-		
VLR-41	126	127	1	GREY CLAY	-	-	-		
VLR-41	127	128	1	CARBONACEOUS CLAY	-	-	-		
VLR-41	128	129.5	1.5	GREY CLAY	-	-	-		
VLR-41	129.5	129.7	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-41	129.7	130.8	1.1	GREY CLAY	-	-	-		
VLR-41	130.8	131	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-41	131	132	1	GREY CLAY	-	-	-		
VLR-41	132	133	1	CARBONACEOUS CLAY	-	-	-		
VLR-41	133	133.2	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-41	133.2	134	0.8	CARBONACEOUS CLAY	-	-	-		
VLR-41	134	138	4	GREY CLAY	-	-	-		
VLR-41	138	140	2	CARBONACEOUS CLAY	-	-	-		
VLR-41	140	150	10	GREY CLAY	-	-	-		
VLR-42	Eastings	Northings	RL						
	16367.249	18717.69	43.663						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-42	0	6	6	BLACK COTTON SOIL	-	-	-		
VLR-42	6	55	49	VARIEGATED CLAY	-	-	-		
VLR-42	55	55.7	0.7	GREY CLAY	-	-	-		
VLR-42	55.7	55.9	0.2	CLAYSTONE	-	-	-		
VLR-42	55.9	60	4.1	GREY CLAY	-	-	-		
VLR-42	60	60.2	0.2	CLAYSTONE	-	-	-		
VLR-42	60.2	62.65	2.45	GREY CLAY	-	-	-		
VLR-42	62.65	62.8	0.15	CLAYSTONE	-	-	-		
VLR-42	62.8	64.5	1.7	GREY CLAY	-	-	-		
VLR-42	64.5	65	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-42	65	66.8	1.8	GREY CLAY	-	-	-		
VLR-42	66.8	67.3	0.5	CLAYSTONE	-	-	-		
VLR-42	67.3	67.9	0.6	CARBONACEOUS CLAY	-	-	-		
VLR-42	67.9	68.9	1	LIGNITE	52	9.08	2618.7	LOCAL SEAM	LOCAL SEAM
VLR-42	67.9	70.8	2.9	LIGNITE	-	-	-	SEAM1	H1
VLR-42	68.9	69.9	1	LIGNITE	52.2	9.62	2658.5	LOCAL SEAM	LOCAL SEAM
VLR-42	69.9	70.8	0.9	LIGNITE	52	6.7	2779.6	LOCAL SEAM	LOCAL SEAM
VLR-42	70.8	71.3	0.5	CARBONACEOUS CLAY	-	-	-		

ANNEXURE-1

VLR-42	71.3	72.3	1	LIGNITE	52.2	5.63	2887.1	LOCAL SEAM	LOCAL SEAM
VLR-42	71.3	72.7	1.4	LIGNITE	-	-	-	SEAM1	H1
VLR-42	72.3	72.7	0.4	LIGNITE	52.4	8.55	2687.1	LOCAL SEAM	LOCAL SEAM
VLR-42	72.7	72.9	0.2	SILTSTONE	-	-	-		
VLR-42	72.9	73.9	1	LIGNITE	52.2	6.53	2763	LOCAL SEAM	LOCAL SEAM
VLR-42	72.9	75.6	2.7	LIGNITE	-	-	-	SEAM1	H1
VLR-42	73.9	74.9	1	LIGNITE	52.2	12.74	2476.7	LOCAL SEAM	LOCAL SEAM
VLR-42	74.9	75.6	0.7	LIGNITE	52	5.89	2936.6	LOCAL SEAM	LOCAL SEAM
VLR-42	75.6	77	1.4	GREY CLAY	-	-	-		
VLR-42	77	86.3	9.3	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-42	86.3	87.2	0.9	LIGNITE	52.4	5.59	2900.4	SEAM2	H2
VLR-42	87.2	87.4	0.2	GREY CLAY	-	-	-		
VLR-42	87.4	87.8	0.4	SILTSTONE	-	-	-		
VLR-42	87.8	88	0.2	LIGNITE	-	-	-	SEAM2	H2
VLR-42	88	89.5	1.5	GREY CLAY	-	-	-		
VLR-42	89.5	89.6	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-42	89.6	91	1.4	GREY CLAY	-	-	-		
VLR-42	91	97	6	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-42	97	98	1	LIGNITE	52.6	6.26	2832.4	LOCAL SEAM	LOCAL SEAM
VLR-42	98	119	21	GREY CLAY	-	-	-		
VLR-42	119	120.5	1.5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-42	120.5	121.2	0.7	LIGNITE	52.2	5.55	2878.2	LOCAL SEAM	LOCAL SEAM
VLR-42	121.2	121.8	0.6	GREY CLAY	-	-	-		
VLR-42	121.8	122.8	1	LIGNITE	52.6	5.74	2885.1	LOCAL SEAM	LOCAL SEAM
VLR-42	121.8	124.8	3	LIGNITE	-	-	-	SEAM3	H2
VLR-42	122.8	123.8	1	LIGNITE	52.4	6.54	2806.5	LOCAL SEAM	LOCAL SEAM
VLR-42	123.8	124.8	1	LIGNITE	52.8	6.34	2796.6	LOCAL SEAM	LOCAL SEAM
VLR-42	124.8	125.2	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-42	125.2	150	24.8	GREY CLAY	-	-	-		
VLR-43	Easting	Northing	RL						
	16764.249	18000.004	43.908						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-43	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-43	4	35	31	VARIEGATED CLAY	-	-	-		
VLR-43	35	51	16	GREY CLAY	-	-	-		
VLR-43	51	56	5	WEATHERED TRAP BASALT	-	-	-		
VLR-43	56	59	3	GREY CLAY	-	-	-		
VLR-43	59	82	23	WEATHERED TRAP BASALT	-	-	-		
VLR-44	Easting	Northing	RL						
	16563.246	18212.317	43.754						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-44	0	5	5	BLACK COTTON SOIL	-	-	-		
VLR-44	5	22.5	17.5	VARIEGATED CLAY	-	-	-		
VLR-44	22.5	22.7	0.2	CONGLOMERATE	-	-	-		
VLR-44	22.7	40	17.3	VARIEGATED CLAY	-	-	-		
VLR-44	40	41	1	GREY CLAY	-	-	-		
VLR-44	41	42	1	CARBONACEOUS CLAY	-	-	-		
VLR-44	42	43	1	LIGNITE	52	4.56	3030.7	LOCAL SEAM	LOCAL SEAM
VLR-44	42	45.5	3.5	LIGNITE	-	-	-	SEAM4	H3
VLR-44	43	44	1	LIGNITE	52.2	4.98	3010.9	LOCAL SEAM	LOCAL SEAM
VLR-44	44	45	1	LIGNITE	52	4.84	3024.2	LOCAL SEAM	LOCAL SEAM
VLR-44	45	45.5	0.5	LIGNITE	52.4	4.58	3035.7	LOCAL SEAM	LOCAL SEAM
VLR-44	45.5	47.6	2.1	GREY CLAY	-	-	-		
VLR-44	47.6	48.3	0.7	CARBONACEOUS CLAY	-	-	-		
VLR-44	48.3	53.5	5.2	GREY CLAY	-	-	-		
VLR-44	53.5	54.5	1	LIGNITE	52.6	4.77	2993.1	LOCAL SEAM	LOCAL SEAM
VLR-44	53.5	55.2	1.7	LIGNITE	-	-	-	SEAM5	H3
VLR-44	54.5	55.2	0.7	LIGNITE	52.6	11.11	2545.3	LOCAL SEAM	LOCAL SEAM

ANNEXURE-1

VLR-44	55.2	56.5	1.3	CARBONACEOUS CLAY	-	-	-		
VLR-44	56.5	74	17.5	GREY CLAY	-	-	-		
VLR-44	74	78	4	WEATHERED TRAP BASALT	-	-	-		
VLR-44	78	93	15	GREY CLAY	-	-	-		
VLR-44	93	112	19	WEATHERED TRAP BASALT	-	-	-		
VLR-44	112	117	5	GREY CLAY	-	-	-		
VLR-44	117	132	15	WEATHERED TRAP BASALT	-	-	-		
VLR-45	Easting	Northing	RL						
	16557.742	18396.947	43.747						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-45	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-45	4	4.2	0.2	VARIEGATED CLAY	-	-	-		
VLR-45	4.2	4.5	0.3	CONGLOMERATE	-	-	-		
VLR-45	4.5	25	20.5	VARIEGATED CLAY	-	-	-		
VLR-45	25	28	3	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-45	28	29	1	LIGNITE	52	6.29	2881.5	LOCAL SEAM	LOCAL SEAM
VLR-45	29	32	3	GREY CLAY	-	-	-		
VLR-45	32	33	1	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-45	33	33.5	0.5	LIGNITE	52.4	6.91	2777	LOCAL SEAM	LOCAL SEAM
VLR-45	33.5	34.5	1	GREY CLAY	-	-	-		
VLR-45	34.5	35.2	0.7	LIGNITE	52.2	6.21	2878.2	LOCAL SEAM	LOCAL SEAM
VLR-45	35.2	37	1.8	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-45	37	40.4	3.4	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-45	40.4	41.4	1	LIGNITE	52.2	6.21	2835.5	LOCAL SEAM	LOCAL SEAM
VLR-45	40.4	42.3	1.9	LIGNITE	-	-	-	SEAM4	H3
VLR-45	41.4	42.3	0.9	LIGNITE	52.4	9.63	2628.3	LOCAL SEAM	LOCAL SEAM
VLR-45	42.3	42.6	0.3	SILTSTONE	-	-	-		
VLR-45	42.6	43.6	1	LIGNITE	52.6	4.27	2685.4	LOCAL SEAM	LOCAL SEAM
VLR-45	42.6	45	2.4	LIGNITE	-	-	-	SEAM4	H3
VLR-45	43.6	44.6	1	LIGNITE	52.6	9.32	2686	LOCAL SEAM	LOCAL SEAM
VLR-45	44.6	45	0.4	LIGNITE	52.8	9.74	2676.4	LOCAL SEAM	LOCAL SEAM
VLR-45	45	45.4	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-45	45.4	45.8	0.4	LIGNITE	52.6	8.35	2664.8	SEAM4	H3
VLR-45	45.8	46.2	0.4	GREY CLAY	-	-	-		
VLR-45	46.2	46.6	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-45	46.6	47.6	1	LIGNITE	52.4	9.89	2510	LOCAL SEAM	LOCAL SEAM
VLR-45	46.6	51.8	5.2	LIGNITE	-	-	-	SEAM4	H3
VLR-45	47.6	48.6	1	LIGNITE	52.4	6.38	2874.9	LOCAL SEAM	LOCAL SEAM
VLR-45	48.6	49.6	1	LIGNITE	52.6	6.16	2872.1	LOCAL SEAM	LOCAL SEAM
VLR-45	49.6	50.6	1	LIGNITE	52.8	6.01	2708	LOCAL SEAM	LOCAL SEAM
VLR-45	50.6	51.8	1.2	LIGNITE	53	9.27	2294	LOCAL SEAM	LOCAL SEAM
VLR-45	51.8	52.2	0.4	GREY CLAY	-	-	-		
VLR-45	52.2	52.6	0.4	LIGNITE	52.8	6.16	2772	SEAM4	H3
VLR-45	52.6	54.5	1.9	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-45	54.5	55.4	0.9	LIGNITE	53	6.13	2634	LOCAL SEAM	LOCAL SEAM
VLR-45	55.4	62	6.6	GREY CLAY	-	-	-		
VLR-45	62	62.25	0.25	CARBONACEOUS CLAY	-	-	-		
VLR-45	62.25	63.25	1	LIGNITE	52.8	4.78	2741	LOCAL SEAM	LOCAL SEAM
VLR-45	62.25	64.1	1.85	LIGNITE	-	-	-	SEAM5	H3
VLR-45	63.25	64.1	0.85	LIGNITE	53	5.72	2572	LOCAL SEAM	LOCAL SEAM
VLR-45	64.1	65.1	1	CARBONACEOUS CLAY	-	-	-		
VLR-45	65.1	66	0.9	LIGNITE	52.8	6.75	2674.9	SEAM5	H3
VLR-45	66	69	3	GREY CLAY	-	-	-		
VLR-45	69	70	1	CARBONACEOUS CLAY	-	-	-		
VLR-45	70	95	25	GREY CLAY	-	-	-		
VLR-45	95	110	15	WEATHERED TRAP BASALT	-	-	-		

VLR-46	Easting	Northing	RL						
	16312.602	18427.035	43.288						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-46	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-46	4	33.5	29.5	VARIEGATED CLAY	-	-	-		
VLR-46	33.5	40	6.5	GREY CLAY	-	-	-		
VLR-46	40	40.8	0.8	LIGNITE	50	7.8	2940.1	SEAM2	H2
VLR-46	40.8	41.5	0.7	CARBONACEOUS CLAY	-	-	-		
VLR-46	41.5	42.5	1	GREY CLAY	-	-	-		
VLR-46	42.5	42.7	0.2	CLAYSTONE	-	-	-		
VLR-46	42.7	44.5	1.8	GREY CLAY	-	-	-		
VLR-46	44.5	44.75	0.25	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-46	44.75	45.7	0.95	LIGNITE	50.2	9.67	2694	SEAM3	H2
VLR-46	45.7	46.4	0.7	GREY CLAY	-	-	-		
VLR-46	46.4	47.4	1	LIGNITE	50	8	2776.4	LOCAL SEAM	LOCAL SEAM
VLR-46	46.4	48.7	2.3	LIGNITE	-	-	-	SEAM3	H2
VLR-46	47.4	48.4	1	LIGNITE	50.6	8.05	2754.1	LOCAL SEAM	LOCAL SEAM
VLR-46	48.4	48.7	0.3	LIGNITE	49.8	8.09	2841.3	LOCAL SEAM	LOCAL SEAM
VLR-46	48.7	49	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-46	49	49.75	0.75	LIGNITE	50	7.35	2844.5	SEAM3	H2
VLR-46	49.75	50	0.25	CARBONACEOUS CLAY	-	-	-		
VLR-46	50	55.1	5.1	GREY CLAY	-	-	-		
VLR-46	55.1	56	0.9	LIGNITE	50.6	6.97	2833.1	SEAM4	H3
VLR-46	56	56.2	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-46	56.2	57.2	1	LIGNITE	50.4	6.72	2751.1	LOCAL SEAM	LOCAL SEAM
VLR-46	56.2	60.25	4.05	LIGNITE	-	-	-	SEAM4	H3
VLR-46	57.2	58.2	1	LIGNITE	51	7.75	2541.4	LOCAL SEAM	LOCAL SEAM
VLR-46	58.2	59.2	1	LIGNITE	51.6	9.86	2383.8	LOCAL SEAM	LOCAL SEAM
VLR-46	59.2	60.25	1.05	LIGNITE	51.4	7.38	2628	LOCAL SEAM	LOCAL SEAM
VLR-46	60.25	61.4	1.15	CARBONACEOUS CLAY	-	-	-		
VLR-46	61.4	61.6	0.2	LIGNITE	-	-	-	SEAM4	H3
VLR-46	61.6	61.8	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-46	61.8	62	0.2	LIGNITE	-	-	-	SEAM4	H3
VLR-46	62	62.25	0.25	CARBONACEOUS CLAY	-	-	-		
VLR-46	62.25	63.25	1	LIGNITE	51.2	7.85	2608	LOCAL SEAM	LOCAL SEAM
VLR-46	62.25	66.3	4.05	LIGNITE	-	-	-	SEAM4	H3
VLR-46	63.25	64.25	1	LIGNITE	51.2	7.59	2617	LOCAL SEAM	LOCAL SEAM
VLR-46	64.25	65.25	1	LIGNITE	51.8	10.1	2289	LOCAL SEAM	LOCAL SEAM
VLR-46	65.25	66.3	1.05	LIGNITE	52	7.68	2777.4	LOCAL SEAM	LOCAL SEAM
VLR-46	66.3	67.6	1.3	GREY CLAY	-	-	-		
VLR-46	67.6	68	0.4	LIGNITE	51.8	10.87	2464.2	LOCAL SEAM	LOCAL SEAM
VLR-46	68	69.2	1.2	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-46	69.2	69.5	0.3	LIGNITE	50.8	5.17	2820.3	LOCAL SEAM	LOCAL SEAM
VLR-46	69.5	71.2	1.7	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-46	71.2	71.3	0.1	CLAYSTONE	-	-	-		
VLR-46	71.3	73.4	2.1	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-46	73.4	73.5	0.1	CLAYSTONE	-	-	-		
VLR-46	73.5	79.6	6.1	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-46	79.6	80	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-46	80	80.7	0.7	GREY CLAY	-	-	-		
VLR-46	80.7	81.3	0.6	CARBONACEOUS CLAY	-	-	-		
VLR-46	81.3	82.3	1	LIGNITE	52	5.62	2739.2	LOCAL SEAM	LOCAL SEAM
VLR-46	81.3	83.5	2.2	LIGNITE	-	-	-	SEAM5	H3
VLR-46	82.3	83.5	1.2	LIGNITE	51.8	4.61	2969	LOCAL SEAM	LOCAL SEAM
VLR-46	83.5	85.2	1.7	GREY CLAY	-	-	-		
VLR-46	85.2	86.2	1	LIGNITE	52	6.89	2831.3	LOCAL SEAM	LOCAL SEAM
VLR-46	85.2	87.7	2.5	LIGNITE	-	-	-	SEAM5	H3
VLR-46	86.2	87.2	1	LIGNITE	52	7.33	2655.2	LOCAL SEAM	LOCAL SEAM
VLR-46	87.2	87.7	0.5	LIGNITE	52.2	6.38	2663	LOCAL SEAM	LOCAL SEAM
VLR-46	87.7	88.3	0.6	CARBONACEOUS CLAY	-	-	-		

ANNEXURE-1

VLR-46	88.3	94.1	5.8	GREY CLAY	-	-	-		
VLR-46	94.1	94.75	0.65	LIGNITE	52.6	6.55	2818.36	LOCAL SEAM	LOCAL SEAM
VLR-46	94.75	95.8	1.05	GREY CLAY	-	-	-		
VLR-46	95.8	96.2	0.4	LIGNITE	52.6	6.65	2601	SEAM6	H3
VLR-46	96.2	96.7	0.5	SILTSTONE	-	-	-		
VLR-46	96.7	97.7	1	LIGNITE	51.8	5.72	2761.4	LOCAL SEAM	LOCAL SEAM
VLR-46	96.7	98.7	2	LIGNITE	-	-	-	SEAM6	H3
VLR-46	97.7	98.7	1	LIGNITE	52	7.01	2772.2	LOCAL SEAM	LOCAL SEAM
VLR-46	98.7	99.6	0.9	GREY CLAY	-	-	-		
VLR-46	99.6	100.4	0.8	LIGNITE	52.2	6.97	2737.4	LOCAL SEAM	LOCAL SEAM
VLR-46	100.4	105	4.6	GREY CLAY	-	-	-		
VLR-46	105	106.7	1.7	CARBONACEOUS CLAY	-	-	-		
VLR-46	106.7	107.75	1.05	LIGNITE	51.6	4.84	2923.4	LOCAL SEAM	LOCAL SEAM
VLR-46	107.75	110.9	3.15	GREY CLAY	-	-	-		
VLR-46	110.9	111.9	1	LIGNITE	51	6.6	2678.5	LOCAL SEAM	LOCAL SEAM
VLR-46	111.9	113	1.1	LIGNITE	51.4	6.62	2848.3	LOCAL SEAM	LOCAL SEAM
VLR-46	113	113.4	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-46	113.4	143.8	30.4	GREY CLAY	-	-	-		
VLR-46	143.8	145.3	1.5	CARBONACEOUS CLAY	-	-	-		
VLR-46	145.3	150	4.7	GREY CLAY	-	-	-		
VLR-47	Easting	Northing	RL						
	16088.799	18641.19	42.709						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-47	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-47	4	44.8	40.8	VARIEGATED CLAY	-	-	-		
VLR-47	44.8	45.5	0.7	CONGLOMERATE	-	-	-		
VLR-47	45.5	46.5	1	VARIEGATED CLAY	-	-	-		
VLR-47	46.5	82.2	35.7	GREY CLAY	-	-	-		
VLR-47	82.2	82.5	0.3	CLAYSTONE	-	-	-		
VLR-47	82.5	83	0.5	GREY CLAY	-	-	-		
VLR-47	83	83.2	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-47	83.2	83.4	0.2	CLAYSTONE	-	-	-		
VLR-47	83.4	84	0.6	GREY CLAY	-	-	-		
VLR-47	84	85	1	LIGNITE	51.2	5.18	3040	LOCAL SEAM	LOCAL SEAM
VLR-47	84	90.3	6.3	LIGNITE	-	-	-	SEAM1	H1
VLR-47	85	86	1	LIGNITE	51.2	6.29	2930	LOCAL SEAM	LOCAL SEAM
VLR-47	86	87	1	LIGNITE	51.4	4.84	3002	LOCAL SEAM	LOCAL SEAM
VLR-47	87	88	1	LIGNITE	51.2	7.57	2783.3	LOCAL SEAM	LOCAL SEAM
VLR-47	88	89	1	LIGNITE	51.4	4.8	2983.6	LOCAL SEAM	LOCAL SEAM
VLR-47	89	90	1	LIGNITE	51.6	7.36	2753.6	LOCAL SEAM	LOCAL SEAM
VLR-47	90	90.3	0.3	LIGNITE	51.6	6.29	2769.2	LOCAL SEAM	LOCAL SEAM
VLR-47	90.3	91.2	0.9	CARBONACEOUS CLAY	-	-	-		
VLR-47	91.2	92.2	1	LIGNITE	52	7.54	2675.6	LOCAL SEAM	LOCAL SEAM
VLR-47	91.2	95.7	4.5	LIGNITE	-	-	-	SEAM1	H1
VLR-47	92.2	93.2	1	LIGNITE	52.2	4.65	2930	LOCAL SEAM	LOCAL SEAM
VLR-47	93.2	94.2	1	LIGNITE	52.2	4.82	2930.5	LOCAL SEAM	LOCAL SEAM
VLR-47	94.2	95.2	1	LIGNITE	52.4	6.54	2839	LOCAL SEAM	LOCAL SEAM
VLR-47	95.2	95.7	0.5	LIGNITE	52.8	6.63	2768.2	LOCAL SEAM	LOCAL SEAM
VLR-47	95.7	96.5	0.8	GREY CLAY	-	-	-		
VLR-47	96.5	96.9	0.4	LIGNITE	53	7.41	2683	LOCAL SEAM	LOCAL SEAM
VLR-47	96.9	100	3.1	GREY CLAY	-	-	-		
VLR-47	100	109.3	9.3	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-47	109.3	110.3	1	LIGNITE	52.8	9.01	2586.9	LOCAL SEAM	LOCAL SEAM
VLR-47	109.3	110.7	1.4	LIGNITE	-	-	-	SEAM2	H2
VLR-47	110.3	110.7	0.4	LIGNITE	52.8	9.27	2486.5	LOCAL SEAM	LOCAL SEAM
VLR-47	110.7	110.8	0.1	SILTSTONE	-	-	-		
VLR-47	110.8	111	0.2	LIGNITE	-	-	-	SEAM2	H2
VLR-47	111	126.6	15.6	GREY CLAY	-	-	-		
VLR-47	126.6	127.6	1	LIGNITE	53	4.52	2828.5	LOCAL SEAM	LOCAL SEAM
VLR-47	126.6	131	4.4	LIGNITE	-	-	-	SEAM3	H2

ANNEXURE-1

VLR-47	127.6	128.6	1	LIGNITE	52.6	8.41	2547.1	LOCAL SEAM	LOCAL SEAM
VLR-47	128.6	129.6	1	LIGNITE	52.6	9.86	2582.6	LOCAL SEAM	LOCAL SEAM
VLR-47	129.6	130.6	1	LIGNITE	52.8	6.23	2826.9	LOCAL SEAM	LOCAL SEAM
VLR-47	130.6	131	0.4	LIGNITE	52.4	7.78	2671.7	LOCAL SEAM	LOCAL SEAM
VLR-47	131	131.7	0.7	SILTSTONE	-	-	-		
VLR-47	131.7	132.3	0.6	LIGNITE	52.8	7.37	2569.4	SEAM3	H2
VLR-47	132.3	132.75	0.45	GREY CLAY	-	-	-		
VLR-47	132.75	133.75	1	LIGNITE	52.6	6	2838.5	LOCAL SEAM	LOCAL SEAM
VLR-47	132.75	134.7	1.95	LIGNITE	-	-	-	SEAM3	H2
VLR-47	133.75	134.7	0.95	LIGNITE	52.6	8.44	2600.4	LOCAL SEAM	LOCAL SEAM
VLR-47	134.7	135	0.3	SILTSTONE	-	-	-		
VLR-47	135	147	12	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-47	147	150	3	GREY CLAY	-	-	-		
VLR-49	Easting	Northing	RL						
	16444.731	17960.048	42.771						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-49	0	3.4	3.4	BLACK COTTON SOIL	-	-	-		
VLR-49	3.4	45.6	42.2	VARIEGATED CLAY	-	-	-		
VLR-49	45.6	47.4	1.8	GREY CLAY	-	-	-		
VLR-49	47.4	47.5	0.1	CARBONACEOUS CLAY	-	-	-		
VLR-49	47.5	48.1	0.6	LIGNITE	51.2	8.34	2545	SEAM4	H3
VLR-49	48.1	54.3	6.2	GREY CLAY	-	-	-		
VLR-49	54.3	54.6	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-49	54.6	55.6	1	LIGNITE	51.4	8.11	2533	SEAM5	H3
VLR-49	55.6	57	1.4	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-49	57	60.3	3.3	CARBONACEOUS CLAY	-	-	-		
VLR-49	60.3	66.4	6.1	GREY CLAY	-	-	-		
VLR-49	66.4	66.8	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-49	66.8	74	7.2	GREY CLAY	-	-	-		
VLR-49	74	76	2	WEATHERED TRAP BASALT	-	-	-		
VLR-49	76	81	5	GREY CLAY	-	-	-		
VLR-49	81	83	2	WEATHERED TRAP BASALT	-	-	-		
VLR-49	83	88	5	GREY CLAY	-	-	-		
VLR-49	88	90	2	WEATHERED TRAP BASALT	-	-	-		
VLR-49	90	94	4	GREY CLAY	-	-	-		
VLR-49	94	143	49	WEATHERED TRAP BASALT	-	-	-		
VLR-50	Easting	Northing	RL						
	16223.588	18169.385	42.984						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-50	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-50	4	26.2	22.2	VARIEGATED CLAY	-	-	-		
VLR-50	26.2	30	3.8	GREY CLAY	-	-	-		
VLR-50	30	31	1	LIGNITE	51	6.54	2822.6	LOCAL SEAM	LOCAL SEAM
VLR-50	30	33.2	3.2	LIGNITE	-	-	-	SEAM2	H2
VLR-50	31	32	1	LIGNITE	51.2	6.07	2858	LOCAL SEAM	LOCAL SEAM
VLR-50	32	33.2	1.2	LIGNITE	51	7.33	2696	LOCAL SEAM	LOCAL SEAM
VLR-50	33.2	33.45	0.25	CARBONACEOUS CLAY	-	-	-		
VLR-50	33.45	35.35	1.9	GREY CLAY	-	-	-		
VLR-50	35.35	36.3	0.95	LIGNITE	51.4	6.51	2764.2	SEAM2	H2
VLR-50	36.3	36.5	0.2	SILTSTONE	-	-	-		
VLR-50	36.5	37.5	1	LIGNITE	51.6	5.54	2972.2	LOCAL SEAM	LOCAL SEAM
VLR-50	36.5	38.3	1.8	LIGNITE	-	-	-	SEAM2	H2
VLR-50	37.5	38.3	0.8	LIGNITE	51.6	6.69	2962.8	LOCAL SEAM	LOCAL SEAM
VLR-50	38.3	39	0.7	GREY CLAY	-	-	-		
VLR-50	39	41	2	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-50	41	42.1	1.1	LIGNITE	51.4	5.17	2872	LOCAL SEAM	LOCAL SEAM
VLR-50	42.1	47	4.9	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-50	47	47.5	0.5	LIGNITE	52	5.73	2966.3	LOCAL SEAM	LOCAL SEAM

ANNEXURE-1

VLR-50	47.5	50.25	2.75	GREY CLAY	-	-	-		
VLR-50	50.25	51.25	1	LIGNITE	52.4	5.01	2978.5	LOCAL SEAM	LOCAL SEAM
VLR-50	50.25	52.25	2	LIGNITE	-	-	-	SEAM3	H2
VLR-50	51.25	52.25	1	LIGNITE	52.4	4.8	2900	LOCAL SEAM	LOCAL SEAM
VLR-50	52.25	53	0.75	CARBONACEOUS CLAY	-	-	-		
VLR-50	53	58.8	5.8	GREY CLAY	-	-	-		
VLR-50	58.8	59.6	0.8	LIGNITE	52.2	8.04	2551	SEAM4	H3
VLR-50	59.6	60.4	0.8	GREY CLAY	-	-	-		
VLR-50	60.4	60.7	0.3	LIGNITE	52	7.2	2528	SEAM4	H3
VLR-50	60.7	60.9	0.2	SILTSTONE	-	-	-		
VLR-50	60.9	61.9	1	LIGNITE	52	6.53	2863.1	LOCAL SEAM	LOCAL SEAM
VLR-50	60.9	64	3.1	LIGNITE	-	-	-	SEAM4	H3
VLR-50	61.9	62.9	1	LIGNITE	52.4	8.51	2648	LOCAL SEAM	LOCAL SEAM
VLR-50	62.9	64	1.1	LIGNITE	52.6	11.21	2608	LOCAL SEAM	LOCAL SEAM
VLR-50	64	70.4	6.4	GREY CLAY	-	-	-		
VLR-50	70.4	71.4	1	LIGNITE	52.4	9.15	2421	LOCAL SEAM	LOCAL SEAM
VLR-50	70.4	72	1.6	LIGNITE	-	-	-	SEAM5	H3
VLR-50	71.4	72	0.6	LIGNITE	52.6	5.92	2661	LOCAL SEAM	LOCAL SEAM
VLR-50	72	72.5	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-50	72.5	73.2	0.7	LIGNITE	53	6.1	2550	SEAM5	H3
VLR-50	73.2	75	1.8	GREY CLAY	-	-	-		
VLR-50	75	75.5	0.5	LIGNITE	52.8	7	2760	SEAM5	H3
VLR-50	75.5	76.4	0.9	CARBONACEOUS CLAY	-	-	-		
VLR-50	76.4	103	26.6	GREY CLAY	-	-	-		
VLR-50	103	120	17	WEATHERED TRAP BASALT	-	-	-		
VLR-51	Easting	Northing	RL						
	16002.375	18384.478	42.751						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-51	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-51	4	12.7	8.7	VARIEGATED CLAY	-	-	-		
VLR-51	12.7	13	0.3	CONGLOMERATE	-	-	-		
VLR-51	13	15	2	VARIEGATED CLAY	-	-	-		
VLR-51	15	17.8	2.8	CONGLOMERATE	-	-	-		
VLR-51	17.8	52	34.2	VARIEGATED CLAY	-	-	-		
VLR-51	52	62.6	10.6	GREY CLAY	-	-	-		
VLR-51	62.6	63.6	1	LIGNITE	50	6.38	2941.2	LOCAL SEAM	LOCAL SEAM
VLR-51	62.6	67.7	5.1	LIGNITE	-	-	-	SEAM2	H2
VLR-51	63.6	64.6	1	LIGNITE	50.2	5.18	3081.9	LOCAL SEAM	LOCAL SEAM
VLR-51	64.6	65.6	1	LIGNITE	50	5.41	3093.4	LOCAL SEAM	LOCAL SEAM
VLR-51	65.6	66.6	1	LIGNITE	50.6	8.07	2857.3	LOCAL SEAM	LOCAL SEAM
VLR-51	66.6	67.7	1.1	LIGNITE	50	5.63	3043.2	LOCAL SEAM	LOCAL SEAM
VLR-51	67.7	69	1.3	CARBONACEOUS CLAY	-	-	-		
VLR-51	69	70	1	LIGNITE	50.2	7.4	2877.8	LOCAL SEAM	LOCAL SEAM
VLR-51	69	73.7	4.7	LIGNITE	-	-	-	SEAM2	H2
VLR-51	70	71	1	LIGNITE	52	4.96	2841	LOCAL SEAM	LOCAL SEAM
VLR-51	71	72	1	LIGNITE	51.2	6.96	2696	LOCAL SEAM	LOCAL SEAM
VLR-51	72	73	1	LIGNITE	51.2	4.82	2859	LOCAL SEAM	LOCAL SEAM
VLR-51	73	73.7	0.7	LIGNITE	51.8	7.58	2822.3	LOCAL SEAM	LOCAL SEAM
VLR-51	73.7	74.5	0.8	CARBONACEOUS CLAY	-	-	-		
VLR-51	74.5	74.7	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-51	74.7	75	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-51	75	82	7	GREY CLAY	-	-	-		
VLR-51	82	86.9	4.9	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-51	86.9	87.9	1	LIGNITE	52	8.02	2902.4	LOCAL SEAM	LOCAL SEAM
VLR-51	86.9	88.8	1.9	LIGNITE	-	-	-	SEAM3	H2
VLR-51	87.9	88.8	0.9	LIGNITE	51.8	5.31	3110.7	LOCAL SEAM	LOCAL SEAM
VLR-51	88.8	90	1.2	SILTSTONE	-	-	-		
VLR-51	90	90.6	0.6	LIGNITE	50.8	7.73	3034.5	SEAM3	H2
VLR-51	90.6	95	4.4	GREY CLAY	-	-	-		
VLR-51	95	101.4	6.4	FOSSILIFEROUS GREY CLAY	-	-	-		

ANNEXURE-1

VLR-51	101.4	102.4	1	LIGNITE	51.8	4.86	3218.6	LOCAL SEAM	LOCAL SEAM
VLR-51	101.4	103	1.6	LIGNITE	-	-	-	SEAM4	H3
VLR-51	102.4	103	0.6	LIGNITE	52	4.76	3142.25	LOCAL SEAM	LOCAL SEAM
VLR-51	103	104	1	CARBONACEOUS CLAY	-	-	-		
VLR-51	104	107	3	GREY CLAY	-	-	-		
VLR-51	107	108.35	1.35	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-51	108.35	109.25	0.9	LIGNITE	51.8	6.46	2830.1	SEAM4	H3
VLR-51	109.25	109.9	0.65	CARBONACEOUS CLAY	-	-	-		
VLR-51	109.9	110.9	1	LIGNITE	50.8	5.19	2979	LOCAL SEAM	LOCAL SEAM
VLR-51	109.9	112.4	2.5	LIGNITE	-	-	-	SEAM4	H3
VLR-51	110.9	111.9	1	LIGNITE	52.2	6.41	2814.1	LOCAL SEAM	LOCAL SEAM
VLR-51	111.9	112.4	0.5	LIGNITE	51.8	6.29	2678	LOCAL SEAM	LOCAL SEAM
VLR-51	112.4	116.25	3.85	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-51	116.25	117.25	1	LIGNITE	51	5.72	3008.3	LOCAL SEAM	LOCAL SEAM
VLR-51	116.25	118	1.75	LIGNITE	-	-	-	SEAM5	H3
VLR-51	117.25	118	0.75	LIGNITE	52	5.21	2953.7	LOCAL SEAM	LOCAL SEAM
VLR-51	118	118.05	0.05	SILTSTONE	-	-	-		
VLR-51	118.05	119.05	1	LIGNITE	51.8	5.37	2900.8	LOCAL SEAM	LOCAL SEAM
VLR-51	118.05	119.6	1.55	LIGNITE	-	-	-	SEAM5	H3
VLR-51	119.05	119.6	0.55	LIGNITE	52	6.01	2817.1	LOCAL SEAM	LOCAL SEAM
VLR-51	119.6	120	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-51	120	120.6	0.6	LIGNITE	52	6	2815.6	SEAM5	H3
VLR-51	120.6	120.7	0.1	SILTSTONE	-	-	-		
VLR-51	120.7	120.8	0.1	LIGNITE	-	-	-	SEAM5	H3
VLR-51	120.8	124.5	3.7	CARBONACEOUS CLAY	-	-	-		
VLR-51	124.5	150	25.5	GREY CLAY	-	-	-		
VLR-53	Easting	Northing	RL						
	16230.73	17794.004	41.059						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-53	0	4.8	4.8	BLACK COTTON SOIL	-	-	-		
VLR-53	4.8	34.5	29.7	VARIEGATED CLAY	-	-	-		
VLR-53	34.5	36	1.5	GREY CLAY	-	-	-		
VLR-53	36	36.2	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-53	36.2	37	0.8	LIGNITE	-	-	-	SEAM4	H3
VLR-53	37	38	1	GREY CLAY	-	-	-		
VLR-53	38	38.1	0.1	CARBONACEOUS CLAY	-	-	-		
VLR-53	38.1	38.2	0.1	LIGNITE	50.4	4.06	3115.6	SEAM4	H3
VLR-53	38.2	39	0.8	CARBONACEOUS CLAY	-	-	-		
VLR-53	39	42.6	3.6	GREY CLAY	-	-	-		
VLR-53	42.6	43.6	1	LIGNITE	50.2	6.58	2935	LOCAL SEAM	LOCAL SEAM
VLR-53	42.6	44.1	1.5	LIGNITE	-	-	-	SEAM5	H3
VLR-53	43.6	44.1	0.5	LIGNITE	51	5.87	3086	LOCAL SEAM	LOCAL SEAM
VLR-53	44.1	45	0.9	CARBONACEOUS CLAY	-	-	-		
VLR-53	45	46	1	LIGNITE	51.2	6.53	3057.5	SEAM5	H3
VLR-53	46	49.4	3.4	CARBONACEOUS CLAY	-	-	-		
VLR-53	49.4	68	18.6	GREY CLAY	-	-	-		
VLR-53	68	70	2	WEATHERED TRAP BASALT	-	-	-		
VLR-53	70	72	2	GREY CLAY	-	-	-		
VLR-53	72	77	5	WEATHERED TRAP BASALT	-	-	-		
VLR-53	77	80	3	GREY CLAY	-	-	-		
VLR-53	80	96	16	WEATHERED TRAP BASALT	-	-	-		
VLR-54	Easting	Northing	RL						
	16069.963	17970.937	42.996						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-54	0	4	4	BLACK COTTON SOIL	-	-	-		
VLR-54	4	34	30	VARIEGATED CLAY	-	-	-		
VLR-54	34	37.2	3.2	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-54	37.2	38.2	1	LIGNITE	52.2	6.58	2883.8	LOCAL SEAM	LOCAL SEAM

ANNEXURE-1

VLR-54	37.2	40.3	3.1	LIGNITE	-	-	-	SEAM2	H2
VLR-54	38.2	39.2	1	LIGNITE	51.8	5.75	3003.7	LOCAL SEAM	LOCAL SEAM
VLR-54	39.2	40.3	1.1	LIGNITE	51	5.42	3023.3	LOCAL SEAM	LOCAL SEAM
VLR-54	40.3	43	2.7	GREY CLAY	-	-	-		
VLR-54	43	48.3	5.3	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-54	48.3	49.3	1	LIGNITE	52	6.08	2932.5	LOCAL SEAM	LOCAL SEAM
VLR-54	48.3	49.7	1.4	LIGNITE	-	-	-	SEAM3	H2
VLR-54	49.3	49.7	0.4	LIGNITE	51.8	4.73	3023.6	LOCAL SEAM	LOCAL SEAM
VLR-54	49.7	54	4.3	GREY CLAY	-	-	-		
VLR-54	54	55.35	1.35	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-54	55.35	56.2	0.85	LIGNITE	52	5.9	2881.2	SEAM4	H3
VLR-54	56.2	56.5	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-54	56.5	57	0.5	GREY CLAY	-	-	-		
VLR-54	57	58	1	LIGNITE	52	5.25	2917.4	LOCAL SEAM	LOCAL SEAM
VLR-54	57	58.4	1.4	LIGNITE	-	-	-	SEAM4	H3
VLR-54	58	58.4	0.4	LIGNITE	52.2	5.67	2893.3	LOCAL SEAM	LOCAL SEAM
VLR-54	58.4	63.1	4.7	GREY CLAY	-	-	-		
VLR-54	63.1	63.4	0.3	LIGNITE	51.8	5.88	2913.3	LOCAL SEAM	LOCAL SEAM
VLR-54	63.4	69.9	6.5	GREY CLAY	-	-	-		
VLR-54	69.9	70.6	0.7	CARBONACEOUS CLAY	-	-	-		
VLR-54	70.6	71.6	1	LIGNITE	51.6	6.36	2860.8	LOCAL SEAM	LOCAL SEAM
VLR-54	70.6	73.5	2.9	LIGNITE	-	-	-	SEAM5	H3
VLR-54	71.6	72.6	1	LIGNITE	51.8	6.12	2929.2	LOCAL SEAM	LOCAL SEAM
VLR-54	72.6	73.5	0.9	LIGNITE	52.2	5.18	3016.2	LOCAL SEAM	LOCAL SEAM
VLR-54	73.5	74	0.5	CARBONACEOUS CLAY	-	-	-		
VLR-54	74	74.6	0.6	GREY CLAY	-	-	-		
VLR-54	74.6	75.1	0.5	LIGNITE	51	7.62	2853.8	SEAM5	H3
VLR-54	75.1	77	1.9	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-54	77	91.8	14.8	GREY CLAY	-	-	-		
VLR-54	91.8	92	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-54	92	103	11	GREY CLAY	-	-	-		
VLR-54	103	103.3	0.3	CARBONACEOUS CLAY	-	-	-		
VLR-54	103.3	103.6	0.3	LIGNITE	51.4	7.89	2822.3	LOCAL SEAM	LOCAL SEAM
VLR-54	103.6	104	0.4	GREY CLAY	-	-	-		
VLR-54	104	105.7	1.7	CARBONACEOUS CLAY	-	-	-		
VLR-54	105.7	106.9	1.2	GREY CLAY	-	-	-		
VLR-54	106.9	107.2	0.3	LIGNITE	52.2	5.67	2947.9	LOCAL SEAM	LOCAL SEAM
VLR-54	107.2	109.6	2.4	GREY CLAY	-	-	-		
VLR-54	109.6	109.7	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-54	109.7	110.7	1	GREY CLAY	-	-	-		
VLR-54	110.7	111	0.3	LIGNITE	51.8	6.6	3011.7	LOCAL SEAM	LOCAL SEAM
VLR-54	111	111.2	0.2	GREY CLAY	-	-	-		
VLR-54	111.2	112.4	1.2	LIGNITE	50.8	6.31	2966.6	LOCAL SEAM	LOCAL SEAM
VLR-54	112.4	150	37.6	GREY CLAY	-	-	-		
VLR-55	Eastng	Northng	RL						
	15894.325	18164.699	42.53						
Borehole ID	From	To	Length	Lithology	Total Moisture (%)	Ash (%)	GCV (Kcl/kg)	Seam	Horizon
VLR-55	0	4.8	4.8	BLACK COTTON SOIL	-	-	-		
VLR-55	4.8	7.05	2.25	VARIEGATED CLAY	-	-	-		
VLR-55	7.05	12.1	5.05	CONGLOMERATE	-	-	-		
VLR-55	12.1	12.5	0.4	VARIEGATED CLAY	-	-	-		
VLR-55	12.5	12.55	0.05	CONGLOMERATE	-	-	-		
VLR-55	12.55	46.6	34.05	VARIEGATED CLAY	-	-	-		
VLR-55	46.6	46.8	0.2	CONGLOMERATE	-	-	-		
VLR-55	46.8	54.5	7.7	GREY CLAY	-	-	-		
VLR-55	54.5	55.5	1	LIGNITE	51.8	7.1	2704	LOCAL SEAM	LOCAL SEAM
VLR-55	54.5	60.7	6.2	LIGNITE	-	-	-	SEAM2	H2
VLR-55	55.5	56.5	1	LIGNITE	52	5.77	2757	LOCAL SEAM	LOCAL SEAM
VLR-55	56.5	57.5	1	LIGNITE	51.8	7.23	2642	LOCAL SEAM	LOCAL SEAM
VLR-55	57.5	58.5	1	LIGNITE	50.8	8.04	2921.6	LOCAL SEAM	LOCAL SEAM

ANNEXURE-1

VLR-55	58.5	59.5	1	LIGNITE	52	10.01	2775.4	LOCAL SEAM	LOCAL SEAM
VLR-55	59.5	60.7	1.2	LIGNITE	51.8	6.84	2856.3	LOCAL SEAM	LOCAL SEAM
VLR-55	60.7	62	1.3	GREY CLAY	-	-	-		
VLR-55	62	63	1	LIGNITE	52	9.1	2804.8	LOCAL SEAM	LOCAL SEAM
VLR-55	62	63.3	1.3	LIGNITE	-	-	-	SEAM2	H2
VLR-55	63	63.3	0.3	LIGNITE	50.4	8.52	2914	LOCAL SEAM	LOCAL SEAM
VLR-55	63.3	63.7	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-55	63.7	64.6	0.9	LIGNITE	51	5.99	2782	SEAM2	H2
VLR-55	64.6	65.25	0.65	GREY CLAY	-	-	-		
VLR-55	65.25	65.5	0.25	LIGNITE	51.6	6.56	2863.2	SEAM2	H2
VLR-55	65.5	66.1	0.6	CARBONACEOUS CLAY	-	-	-		
VLR-55	66.1	67.3	1.2	LIGNITE	51.4	6.29	2834.2	SEAM2	H2
VLR-55	67.3	67.7	0.4	CARBONACEOUS CLAY	-	-	-		
VLR-55	67.7	68	0.3	GREY CLAY	-	-	-		
VLR-55	68	68.2	0.2	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-55	68.2	71	2.8	GREY CLAY	-	-	-		
VLR-55	71	78.5	7.5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-55	78.5	79.5	1	LIGNITE	51.8	6.39	2900.2	LOCAL SEAM	LOCAL SEAM
VLR-55	78.5	79.8	1.3	LIGNITE	-	-	-	SEAM3	H2
VLR-55	79.5	79.8	0.3	LIGNITE	52	7.99	2772.5	LOCAL SEAM	LOCAL SEAM
VLR-55	79.8	80	0.2	SILTSTONE	-	-	-		
VLR-55	80	80.5	0.5	LIGNITE	51.8	7.83	2734.8	SEAM3	H2
VLR-55	80.5	81	0.5	SILTSTONE	-	-	-		
VLR-55	81	81.5	0.5	LIGNITE	52	8.71	2786.8	SEAM3	H2
VLR-55	81.5	85	3.5	GREY CLAY	-	-	-		
VLR-55	85	90	5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-55	90	91.9	1.9	GREY CLAY	-	-	-		
VLR-55	91.9	92.9	1	LIGNITE	51.8	6.52	2800	LOCAL SEAM	LOCAL SEAM
VLR-55	92.9	93.4	0.5	LIGNITE	52	7.43	2837.3	LOCAL SEAM	LOCAL SEAM
VLR-55	93.4	96.8	3.4	GREY CLAY	-	-	-		
VLR-55	96.8	97	0.2	CARBONACEOUS CLAY	-	-	-		
VLR-55	97	98.7	1.7	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-55	98.7	99.5	0.8	LIGNITE	52	7.23	2765.3	SEAM4	H3
VLR-55	99.5	100.4	0.9	GREY CLAY	-	-	-		
VLR-55	100.4	101.6	1.2	LIGNITE	51.8	5.62	2845	SEAM4	H3
VLR-55	101.6	101.7	0.1	SILTSTONE	-	-	-		
VLR-55	101.7	102.5	0.8	LIGNITE	52	8.5	2772.1	SEAM4	H3
VLR-55	102.5	104.9	2.4	GREY CLAY	-	-	-		
VLR-55	104.9	106.1	1.2	LIGNITE	52	7.34	2875.1	SEAM5	H3
VLR-55	106.1	106.4	0.3	SILTSTONE	-	-	-		
VLR-55	106.4	107.4	1	LIGNITE	52.2	6.68	2673	LOCAL SEAM	LOCAL SEAM
VLR-55	106.4	109.4	3	LIGNITE	-	-	-	SEAM5	H3
VLR-55	107.4	108.4	1	LIGNITE	52.6	6.11	2610	LOCAL SEAM	LOCAL SEAM
VLR-55	108.4	109.4	1	LIGNITE	52.6	7.32	2753	LOCAL SEAM	LOCAL SEAM
VLR-55	109.4	109.9	0.5	GREY CLAY	-	-	-		
VLR-55	109.9	110.1	0.2	LIGNITE	-	-	-	SEAM5	H3
VLR-55	110.1	110.7	0.6	CARBONACEOUS CLAY	-	-	-		
VLR-55	110.7	111.2	0.5	LIGNITE	52.4	7.85	2730	SEAM5	H3
VLR-55	111.2	111.7	0.5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-55	111.7	120.4	8.7	GREY CLAY	-	-	-		
VLR-55	120.4	120.5	0.1	LIGNITE	-	-	-	LOCAL SEAM	LOCAL SEAM
VLR-55	120.5	123	2.5	GREY CLAY	-	-	-		
VLR-55	123	128	5	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-55	128	132	4	GREY CLAY	-	-	-		
VLR-55	132	136	4	FOSSILIFEROUS GREY CLAY	-	-	-		
VLR-55	136	150	14	GREY CLAY	-	-	-		