

**FOLLOWING BOREHOLES FALLING WITHIN & NEAR BY THE PROPOSED NEW CONTRACT AREA
(LIGNITE PROJECT UMARSAR)**

NOTE :- All figures are in Metre

NOTE :- Lignite seam having Thickness less than 0.30 Metre are not considered as mineable Lignite

SRL = Surface Reduced Level

BH. NO. PBH-10

SRL : 51.78 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.00	10.00	Sludge
10.00	11.29	1.29	Brown Variegated Clay
11.29	13.00	1.71	Sludge
13.00	14.12	1.12	Grey Clay
14.12	16.00	1.88	Sludge
16.00	16.20	0.20	Compact Clay Stone
16.20	19.00	2.80	Sludge
19.00	22.00	3.00	Grey Shale
22.00	23.14	1.14	Dark Grey Clay
23.14	25.00	1.86	Grey Shale
25.00	25.20	0.20	Dark Grey Shale
25.20	25.71	0.51	Grey Shale
25.71	25.91	0.20	Carb Shale
25.91	26.72	0.81	Dark Grey Shale
26.72	28.00	1.28	Grey Shale
28.00	28.48	0.48	Dark Grey Shale
28.48	28.75	0.27	Carb Shale
28.75	30.04	1.29	Lignite
30.04	31.00	0.96	Grey Shale
31.00	31.11	0.11	Grey Shale
31.11	31.79	0.68	Dark Grey Shale
31.79	32.05	0.26	Lignite with clay partings
32.05	33.00	0.95	Dark Grey Clay
33.00	33.79	0.79	Grey Shale
33.79	34.00	0.21	Lignite
34.00	35.61	1.61	Lignite
35.61	36.05	0.44	Dark Grey Clay
36.05	36.55	0.50	Dark Grey Shale
36.55	37.00	0.45	Grey Shale
37.00	37.63	0.63	Dark Grey Shale
37.63	38.16	0.53	Lignite
38.16	39.32	1.16	Grey Shale
39.32	39.53	0.21	Compact Clay Stone
39.53	40.00	0.47	Sludge
40.00	41.29	1.29	Grey Shale
41.29	41.55	0.26	Compact Clay Stone
41.55	43.00	1.45	Sludge
43.00	43.84	0.84	Greenish Grey Shale
43.84	44.95	1.11	Grey Shale
44.95	45.45	0.50	Greenish Grey Shale
45.45	45.78	0.33	Compact Clay Stone
45.78	46.00	0.22	Lignite
46.00	46.75	0.75	Dark Greenish Grey Shale
46.75	46.96	0.21	Dark Grey Shale
46.96	49.00	2.04	Grey Shale
49.00	49.58	0.58	Lignite (Mining considered up to this depth)
49.58	50.00	0.42	Dark Grey Shale
50.00	51.00	1.00	Grey Shale
51.00	52.00	1.00	Sludge
52.00	52.57	0.57	Grey Shale
52.57	52.98	0.41	Dark Grey Shale
52.98	53.14	0.16	Compact Clay Stone
53.14	55.00	1.86	Sludge
55.00	55.34	0.34	Grey Shale
55.34	55.62	0.28	Compact Clay Stone
55.62	56.53	0.91	Grey Shale
56.53	58.00	1.47	Dark Greenish Grey Shale
58.00	58.97	0.97	Dark Greenish Grey Shale
58.97	59.68	0.71	Grey Shale
59.68	61.00	1.32	Sludge
61.00	61.05	0.05	Grey Shale
61.05	61.27	0.22	Carb Shale
61.27	62.96	1.69	Sludge
62.96	63.29	0.33	Grey Shale
63.29	63.40	0.11	Carb Shale
63.40	64.00	0.60	Grey Shale

64.00	64.31	0.31	Compact Clay Stone
64.31	65.02	0.71	Grey Shale
65.02	65.12	0.10	Inferior Lignite
65.12	65.53	0.41	Dark Grey Shale
65.53	67.00	1.47	Sludge
67.00	67.41	0.41	Dark Grey Shale
67.41	67.56	0.15	Carb Shale
67.56	68.02	0.46	Dark Grey Shale
68.02	68.83	0.81	Grey Shale
68.83	70.00	1.17	Sludge
70.00	70.52	0.52	Carb Shale
70.52	70.99	0.47	Dark Grey Shale
70.99	72.59	1.60	Grey Shale
72.59	73.00	0.41	Sludge
73.00	73.95	0.95	Grey Shale
73.95	76.00	2.05	Sludge
76.00	77.63	1.63	Dark Greenish Grey Shale
77.63	79.00	1.37	Grey Shale
79.00	80.76	1.76	Grey Shale
80.76	80.92	0.16	Lignite
80.92	81.02	0.10	Grey Shale
81.02	81.59	0.57	Dark Grey Shale
81.59	82.00	0.41	Grey Shale
82.00	82.62	0.62	Grey Shale
82.62	82.98	0.36	Dark Grey Shale
82.98	83.96	0.98	Sludge
83.96	84.22	0.26	Dark Grey Shale
84.22	84.69	0.47	Grey Shale
84.69	85.00	0.31	Compact Clay Stone
85.00	85.10	0.10	Dark Grey Shale
85.10	86.45	1.35	Compact Clay Stone
86.45	87.02	0.57	Sludge
87.02	88.00	0.98	Compact Clay Stone
88.00	91.00	3.00	Compact Clay Stone

BH. NO. PBH-19

SRL : 51.58 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.90	9.90	Sludge
9.90	10.00	0.10	Sandy compact/purple colour lateritic soil
10.00	13.00	3.00	Sludge sand soil
13.00	15.07	2.07	Sludge
15.07	16.00	0.93	Light gray clay
16.00	19.00	3.00	Light gray clay
19.00	19.21	0.21	Light gray clay
19.21	22.00	2.79	Dark gray shale
22.00	25.00	3.00	Light gray clay
25.00	26.05	1.05	Gray clay
26.05	28.00	1.95	Dark gray clay
28.00	29.07	1.07	Lignite
29.07	31.00	1.93	Lignite
31.00	31.79	0.79	Lignite
31.79	31.95	0.16	Lignite
31.95	34.00	2.05	Gray clay
34.00	35.21	1.21	Gray clay
35.21	35.42	0.21	Resinous Lignite
35.42	37.00	1.58	Dark gray clay
37.00	37.77	0.77	Dark gray clay
37.77	38.04	0.27	Shale
38.04	39.26	1.22	Gray clay
39.26	40.00	0.74	Grey Shale
40.00	42.22	2.22	Dark gray clay
42.22	42.44	0.22	Siderite
42.44	43.00	0.56	Dark gray clay
43.00	43.11	0.11	Lignite
43.11	43.80	0.69	Dark gray clay
43.80	45.07	1.27	Gray Clay
45.07	45.18	0.11	Siderite
45.18	45.60	0.42	Gray Clay
45.60	45.65	0.05	Siderite
45.65	45.86	0.21	Gray Clay
45.86	46.00	0.14	Dark gray clay
46.00	47.02	1.02	Gray Clay
47.02	47.13	0.11	Dark gray clay

47.13	47.70	0.57	Dark gray clay
47.70	48.32	0.62	Greenish Gray Clay
48.32	49.00	0.68	Lignite (Mining considered up to this depth)
49.00	49.24	0.24	Gray Clay
49.24	49.42	0.18	Lignite
49.42	50.82	1.40	Gray shale
50.82	52.00	1.18	Sludge
52.00	54.32	2.32	Sludge
54.32	54.37	0.05	Siderite
54.37	55.00	0.63	Gray Clay
55.00	58.00	3.00	Gray Clay
58.00	58.76	0.76	Gray Clay
58.76	58.92	0.16	Siderite
58.92	61.00	2.08	Gray Clay
61.00	61.22	0.22	Dark gray shale
61.22	62.89	1.67	Gray Clay
62.89	62.94	0.05	Siderite
62.94	64.00	1.06	Sludge
64.00	64.49	0.49	Dark gray clay
64.49	64.60	0.11	Dark gray clay
64.60	67.00	2.40	Sludge
67.00	68.21	1.21	Gray Clay
68.21	68.38	0.17	Dark gray shale
68.38	68.73	0.35	Siderite
68.73	70.00	1.27	Sludge
70.00	72.65	2.65	Greenish gray clay
72.65	72.75	0.10	Dark Gray Shale
72.75	73.00	0.25	Greenish gray shale
73.00	73.23	0.23	Gray shale
73.23	74.13	0.91	Dark Gray clay
74.13	74.47	0.34	Gray shale
74.47	74.93	0.45	Dark Gray clay
74.93	75.10	0.17	Gray shale
75.10	76.00	0.90	Dark Gray clay
76.00	76.21	0.21	Dark Gray Shale
76.21	76.26	0.05	Lignite
76.26	76.31	0.05	Dark Gray Shale
76.31	76.69	0.38	Dark Gray clay
76.69	76.96	0.27	Gray shale
76.96	77.07	0.11	Dark Gray Shale
77.07	79.00	1.93	Gray shale
79.00	79.34	0.34	Dark Gray Shale
79.34	79.39	0.06	Lignite
79.39	79.51	0.11	Dark Gray Shale
79.51	80.86	1.36	Gray Clay
80.86	81.32	0.45	Greenish Gray Clay
81.32	82.00	0.68	Grey Shale
82.00	82.38	0.38	Lignite
82.38	82.98	0.60	Dark Gray clay
82.98	84.01	1.04	Gray shale
84.01	84.56	0.55	Dark Gray Shale
84.56	85.00	0.44	Gray Clay
85.00	85.37	0.38	Dark Gray Shale
85.37	86.07	0.70	Gray Clay
86.07	86.76	0.70	Dark Gray Shale
86.76	87.03	0.27	Dark Gray clay
87.03	87.19	0.16	Dark Gray Shale
87.19	88.00	0.80	Gray Clay
88.00	90.00	2.00	Gray Clay
90.00	91.00	1.00	Sandy Gray Clay
91.00	93.35	2.35	Sandy Gray Clay
93.35	94.00	0.65	Gray Clay
94.00	97.00	3.00	Gray Clay
97.00	99.00	2.00	Sandy Gray Clay
99.00	100.00	1.00	Sandy Gray Clay
100.00	102.25	2.25	Sludge
102.25	103.00	0.75	White Turfaceous Clay
BH. NO. PBH-20			
SRL : 52.89 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.00	10.00	Sludge
10.00	11.40	1.40	Variegated clay mixing sand
11.40	13.00	1.60	Grey clay

13.00	16.00	3.00	Grey clay
16.00	16.21	0.21	Sandy clay
16.21	19.00	2.79	Yellowish sand mixing with clay
19.00	22.00	3.00	Yellowish sand mixing with clay
22.00	25.00	3.00	Dark grey shale
25.00	25.96	0.96	Dark grey shale
25.96	28.00	2.04	Lignite
28.00	29.04	1.04	Dark Grey Shale
29.04	30.02	0.98	Carb Shale
30.02	31.00	0.98	Dark Grey Shale
31.00	34.00	3.00	Greenish Grey clay with car. Matter
34.00	34.93	0.93	sandy clay
34.93	35.86	0.93	Yellowish sand
35.86	36.07	0.21	Gray shale
36.07	37.00	0.93	LIGNITE
37.00	38.06	1.06	Gray shale
38.06	39.07	1.01	Resinous LIGNITE
39.07	40.00	0.93	Gray shale
40.00	41.00	1.00	Resinous LIGNITE (Minig Consider Upto this Depth)
41.00	41.96	0.96	Carb Shale
41.96	43.00	1.04	Dark Grey Carb Shale
43.00	46.00	3.00	Grey Carb Shale
46.00	49.00	3.00	Clay
49.00	52.00	3.00	Sandy clay stones formed in small pieces
52.00	55.00	3.00	Clay
55.00	56.30	1.30	Reddish brown sand mixing clay
56.30	58.00	1.70	Grey Clay
58.00	61.00	3.00	Clay mixing with clay stones
61.00	64.00	3.00	Greenish Clay
64.00	64.41	0.41	Greenish Clay
64.41	67.00	2.59	White sand mixing with clay
67.00	70.00	3.00	White sand mixing with clay
BH. NO. PBH-21			
SRL 53.38 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	3.00	3.00	Sludge
3.00	6.00	3.00	Sludge
6.00	7.00	1.00	Sludge
7.00	10.00	3.00	Sludge
10.00	11.37	1.37	Red Brown Varigated Clay
11.37	13.00	1.63	Sludge
13.00	14.45	1.45	Dark Grey Clay
14.45	15.00	0.55	Grey Sludge
15.00	16.98	1.98	Dark Grey Clay
16.98	19.00	2.02	Grey Shale
19.00	20.63	1.63	Dark Grey Shale (Sand Mix)
20.63	22.00	1.37	Grey Sludge
22.00	23.02	1.02	Grey Sludge
23.02	25.00	1.98	Dark Grey Shale (Sand Mix)
25.00	25.42	0.42	Dark Grey Shale (Sand Mix)
25.42	25.74	0.32	Carb Shale
25.74	26.21	0.47	Dark Grey Shale
26.21	26.53	0.32	Carb Shale
26.53	28.00	1.47	Grey Sludge
28.00	29.83	1.83	Dark Grey Shale (Sand Mix)
29.83	29.98	0.15	Carb Shale
29.98	30.69	0.71	Grey Shale
30.69	31.00	0.31	Lignite
31.00	31.51	0.51	Lignite
31.51	33.14	1.63	Dark Grey Shale (Sand Mix)
33.14	34.00	0.86	Grey Shale
34.00	34.64	0.64	Grey Shale
34.64	34.96	0.32	Dark Grey Shale
34.96	35.28	0.32	Resinous Lignite (Minig Consider Upto this Depth)
35.28	36.78	1.50	Gey Shale
36.78	37.00	0.22	Grey Sludge
37.00	37.46	0.46	Dark Grey Shale
37.46	38.58	1.12	Grey Shale
38.58	40.00	1.42	Grey Sludge
40.00	40.47	0.47	Carb Shale
40.47	40.88	0.41	Dark Grey Shale
40.88	42.02	1.14	Grey Shale
42.02	43.00	0.98	Grey Sludge

43.00	43.21	0.21	Dark Grey Shale
43.21	43.53	0.32	Carb Shale
43.53	45.21	1.68	Grey Shale
45.21	45.37	0.16	Comact Clay Stone
45.37	46.00	0.63	Grey Sludge
46.00	46.76	0.76	Dark Grey Shale (Sand Mix)
46.76	46.91	0.15	Carb Shale
46.91	47.88	0.97	Dark Greenish Shale
47.88	48.29	0.41	Dark Grey Shale
48.29	48.64	0.35	Carb Shale
48.64	49.00	0.36	Dark Greenish Shale
49.00	49.10	0.10	Dark Grey Shale
49.10	49.31	0.21	Dark Grey Clay
49.31	49.72	0.41	Carb Shale
49.72	50.08	0.36	Dark Grey Shale
50.08	50.24	0.16	Grey Shale
50.24	52.00	1.76	Dark Greenish Shale
52.00	52.49	0.49	Dark Grey Shale
52.49	52.65	0.16	Carb Shale
52.65	54.29	1.64	Grey Shale
54.29	54.62	0.33	Compact Clay Stone
54.62	55.00	0.38	Grey Shale
55.00	56.93	1.93	Grey Shale
56.93	58.00	1.07	Grey Sludge
58.00	58.21	0.21	Compact Clay Stone
58.21	58.64	0.43	Grey Shale
58.64	59.61	0.97	Dark Grey Shale (Sand Mix)
59.61	61.00	1.39	Grey Sludge
61.00	61.33	0.33	Compact Clay Stone
61.33	62.78	1.45	Grey Shale
62.78	63.28	0.50	Dark Gey Shale
63.28	64.00	0.72	Grey Sludge
64.00	65.76	1.76	Grey Shale
65.76	67.00	1.24	Grey Sludge
67.00	69.00	2.00	Grey Shale
69.00	70.00	1.00	Dark Greenish Grey Shale
70.00	70.49	0.49	Dark Grey Shale
70.49	72.18	1.69	Grey Shale
72.18	73.00	0.82	Dark Grey Shale
73.00	73.17	0.17	Grey Shale
73.17	73.29	0.12	Lignite
73.29	73.52	0.23	Grey Shale
73.52	73.92	0.40	Lignite
73.92	74.44	0.52	Dark Grey Shale
74.44	76.00	1.56	Dark Greenish Grey Shale
76.00	77.42	1.42	Dark Greenish Grey Shale
77.42	79.00	1.58	Grey Shale
79.00	81.00	2.00	Dark Grey Shale
81.00	82.00	1.00	Dark Grey Shale
82.00	83.22	1.22	Dark Grey Shale (Sand Mix)
83.22	83.53	0.31	Carb Shale
83.53	85.00	1.47	Dark Greenish Shale
85.00	85.25	0.25	Carb Shale
85.25	86.93	1.68	Dark Greenish Shale
86.93	88.00	1.07	Grey Shale
88.00	89.53	1.53	Grey Shale
89.53	91.00	1.47	Grey Shale
91.00	92.81	1.81	Dark Grey Clay
92.81	94.00	1.19	Dark Grey Shale (Sand Mix)
94.00	96.13	2.13	Grey Shale
96.13	96.49	0.36	Dark Grey Shale
96.49	97.00	0.51	Grey Sludge
97.00	98.84	1.84	Grey Sludge
98.84	100.00	1.16	Greenish Grey Shale
100.00	102.02	2.02	Grey Shale
102.02	103.00	0.98	Grey Sludge
103.00	103.98	0.98	Grey Sludge
103.98	105.48	1.50	Grey Shale
105.48	106.00	0.52	Grey Sludge
106.00	108.16	2.16	Grey Sludge
108.16	109.00	0.84	White Turffeceous Clay
109.00	110.00	1.00	White Turffeceous Clay
BH. NO. PBH-26			

SRL 49.40 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	3.00	3.00	Sludge
3.00	6.00	3.00	Sludge
6.00	7.00	1.00	Sludge
7.00	10.00	3.00	Sludge
10.00	13.00	3.00	Sludge
13.00	13.31	0.31	Red Brown Varigated Clay
13.31	16.00	2.69	Grey Sludge
16.00	16.31	0.31	Compact Clay Stone
16.31	18.24	1.93	Grey Sludge
18.24	19.00	0.76	Dark Grey Clay
19.00	19.41	0.41	Grey Shale
19.41	22.00	2.59	Dark Grey Clay
22.00	22.93	0.93	Grey Shale
22.93	23.71	0.78	Lignite
23.71	24.12	0.41	Dark Grey Shale
24.12	25.00	0.88	Grey Shale
25.00	25.80	0.80	Grey Shale
25.80	25.96	0.16	Dark Grey Clay
25.96	28.00	2.04	Sludge
28.00	28.81	0.81	Grey Shale
28.81	29.27	0.46	Dark Grey Slale
29.27	29.93	0.66	Greenish Grey Shale
29.93	31.00	1.07	Grey Sludge
31.00	31.43	0.43	Grey Shale
31.43	31.70	0.27	Carb Shale
31.70	32.02	0.32	Dark Grey Shale
32.02	32.77	0.75	Grey Shale
32.77	33.04	0.27	Carb Shale
33.04	34.00	0.96	Dark Grey Clay
34.00	35.45	1.45	Grey Shale
35.45	36.28	0.83	Lignite
36.28	36.59	0.31	Carb Shale
36.59	37.00	0.41	Dark Grey Shale
37.00	37.47	0.47	Carb Shale
37.47	37.95	0.48	Dark Grey Shale
37.95	40.00	2.05	Grey Shale
40.00	40.20	0.20	Carb Shale
40.20	40.61	0.41	Dark Grey Shale
40.61	41.32	0.71	Grey Shale
41.32	41.68	0.36	Grey Shale
41.68	43.00	1.32	Grey Shale
43.00	43.67	0.67	Lignite
43.67	43.89	0.22	Carb Shale
43.89	46.00	2.11	Fossiliferous Dark Grey Shale
46.00	46.05	0.05	Compact Clay Stone
46.05	46.72	0.67	Dark Grey Clay
46.72	47.39	0.67	Sludge
47.39	47.72	0.33	Dark Grey Shale
47.72	48.39	0.67	Grey Shale
48.39	48.67	0.28	Lignite
48.67	49.00	0.33	Dark Grey Shale
49.00	49.46	0.46	Dark Grey Shale
49.46	49.98	0.52	Lignite (Mining Consider Upto this Depth)
49.98	50.55	0.57	Compact Clay Shale
50.55	52.00	1.45	Sludge
52.00	52.46	0.46	Dark Grey Shale
52.46	53.07	0.61	Grey Shale
53.07	53.53	0.46	Lignite
53.53	55.00	1.47	Grey Shale
55.00	55.43	0.43	Dark Grey Shale
55.43	55.96	0.53	Fossiliferous Grey Shale
55.96	56.17	0.21	Compact Clay Stone
56.17	56.71	0.54	Fossiliferous Dark Grey Shale
56.71	57.41	0.70	Fossiliferous Grey Shale
57.41	58.00	0.59	Sludge
58.00	58.83	0.83	Greenish Grey Shale
58.83	61.00	2.17	Grey Shale
61.00	61.98	0.98	Grey Shale
61.98	64.00	2.02	Greenish Grey Shale
64.00	64.16	0.16	Grey Shale
64.16	64.63	0.47	Dark Grey Shale
64.63	64.79	0.16	Inferior Lignite

64.79	65.16	0.37	Carb Shale
65.16	66.90	1.74	Grey Shale
66.90	67.00	0.10	Dark Grey Shale
67.00	67.10	0.10	Compact Clay Stone
67.10	70.00	2.90	Sludge
70.00	70.15	0.15	Compact Clay Stone
70.15	70.71	0.56	Grey Shale
70.71	71.42	0.71	dark Greenish Shale
71.42	71.88	0.46	Carb Shale
71.88	73.00	1.12	Grey Shale
73.00	74.45	1.45	Dark Greenish Grey Shale
74.45	74.76	0.31	Dark Grey Shale
74.76	76.00	1.24	Grey Shale
76.00	76.81	0.81	Grey Shale
76.81	78.31	1.50	Dark Greenish Shale
78.31	79.00	0.69	Grey Shale
79.00	79.67	0.67	Greenish Grey Shale
79.67	80.45	0.78	Grey Shale
80.45	81.78	1.33	Greenish Grey Shale
81.78	82.00	0.22	Compact Clay Stone
82.00	82.98	0.98	Grey Shale
82.98	85.00	2.02	Greenish Grey Shale
85.00	85.98	0.98	Sludge
85.98	88.00	2.02	Grey Shale
88.00	88.68	0.68	Grey Shale
88.68	89.15	0.47	Dark Grey Shale
89.15	90.05	0.90	Dark Greenish Shale
90.05	91.00	0.95	Grey Shale
91.00	93.04	2.04	Greenish Grey Shale
93.04	94.00	0.96	Grey Shale
94.00	95.02	1.02	Sludge
95.02	95.13	0.11	Compact Clay Stone
95.13	95.92	0.79	Dark Grey Clay
95.92	97.00	1.08	Sludge
97.00	98.18	1.18	Sludge
98.18	98.61	0.43	Dark Grey Clay
98.61	98.98	0.37	Dark Grey Shale
98.98	100.00	1.02	Grey Shale
100.00	102.02	2.02	Grey Shale
102.02	103.00	0.98	Sludge
103.00	103.71	0.71	Sludge
103.71	103.87	0.16	Compact Clay Stone
103.87	106.00	2.13	Dark Grey Clay
106.00	106.97	0.97	Grey Shale
106.97	107.22	0.25	Compact Clay Stone
107.22	109.00	1.78	Sludge
109.00	111.02	2.02	Grey Shale
111.02	112.00	0.98	Sludge
112.00	113.27	1.27	Sludge
113.27	115.00	1.73	Dark Grey Clay
115.00	116.28	1.28	Sludge
116.28	117.00	0.72	White Turfeceous Clay

BH. NO. PBH-33

SRL : 49.99 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	15.08	15.08	Sludge
15.08	16.00	0.94	Grey shale
16.00	17.66	1.66	Grey shale
17.66	19.00	1.34	Dark Grey Shale
19.00	19.90	0.90	Dark Grey shale
19.90	20.52	0.62	Grey shale
20.52	22.00	1.48	Grey Sludge
22.00	24.00	2.00	Carb shale
24.00	25.00	1.00	Sludge
25.00	25.93	0.93	Carb shale
25.93	26.96	1.03	Lignite
26.96	28.00	1.04	Inferior Lignite
28.00	28.52	0.52	Carb shale
28.52	31.00	2.48	Grey shale
31.00	34.00	3.00	Dark Grey Shale
34.00	35.02	1.02	Dark Grey Shale
35.02	35.14	0.12	Grey shale
35.14	35.69	0.55	Carb shale

35.69	35.85	0.16	Grey shale
35.85	37.00	1.15	Carb shale
37.00	39.48	2.48	Carb shale
39.48	40.00	0.52	Lignite
40.00	40.93	0.93	Lignite
40.93	41.28	0.35	Dark Grey Shale
41.28	41.39	0.11	Compact grey shale
41.39	43.00	1.61	Sludge
43.00	43.52	0.52	Dark Grey Shale
43.52	44.14	0.62	Grey Shale
44.14	46.00	1.86	Sandy Sludge
46.00	47.50	1.50	Grey Shale
47.50	47.87	0.37	Lignite (Mining considered up to this depth)
47.87	47.93	0.06	Dark Grey Shale
47.93	48.01	0.08	Lignite
48.01	49.00	0.98	Dark Grey Shale
49.00	50.38	1.38	Grey Shale
50.38	50.47	0.09	Compact grey shale
50.47	50.98	0.51	Grey Shale
50.98	51.16	0.18	Grey Shale
51.16	52.00	0.84	Sludge
52.00	55.00	3.00	Dark Grey Shale
55.00	56.78	1.78	Dark Greenish Grey Shale
56.78	58.00	1.22	Lignite
58.00	58.52	0.52	Lignite
58.52	59.71	1.19	Grey Shale
59.71	60.12	0.41	Dark Grey Shale
60.12	61.00	0.88	Sludge
61.00	61.37	0.37	Dark Grey Shale
61.37	61.42	0.05	Compact clay stone
61.42	62.42	1.00	Dark Grey Shale
62.42	62.48	0.06	Compact clay stone
62.48	64.00	1.52	Sludge
64.00	64.98	0.98	Dark Grey Shale
64.98	65.33	0.35	Compact clay stone
65.33	65.98	0.65	Dark Grey Shale
65.98	67.00	1.02	Sludge
67.00	67.77	0.77	Dark Grey Shale
67.77	67.96	0.19	Grey shale
67.96	70.00	2.04	Sludge
70.00	71.14	1.14	Dark Grey Shale
71.14	73.00	1.86	Sludge
73.00	73.23	0.23	Dark Grey Shale
73.23	73.58	0.35	Compact clay stone
73.58	76.00	2.42	Sludge
76.00	76.61	0.61	Carb Shale
76.61	76.81	0.20	Greenish Grey Shale
76.81	76.99	0.18	Dark Grey Shale
76.99	77.99	1.00	Greenish Grey Shale
77.99	79.00	1.01	Grey Shale
79.00	80.89	1.89	Dark Grey Shale
80.89	81.00	0.11	Lignite
81.00	82.00	1.00	Dark Grey Shale
82.00	82.79	0.79	Greenish Grey Shale
82.79	83.40	0.61	Grey Shale
83.40	83.51	0.11	Resinous Lignite
83.51	85.00	1.49	Dark Grey Shale
85.00	87.62	2.62	Dark Grey Shale
87.62	87.65	0.03	Compact clay stone
87.65	88.00	0.35	Sludge
88.00	90.00	2.00	Dark Grey Shale
90.00	91.00	1.00	Sludge
91.00	92.36	1.36	Grey Shale
92.36	94.00	1.64	Sludge
94.00	96.25	2.25	Dark Grey Shale
96.25	97.00	0.75	Sludge
97.00	100.82	0.82	Sludge
100.82	102.06	1.24	Grey Brown Variegated clay
102.06	103.00	0.94	Sludge
103.00	104.04	1.04	Sludge
104.04	104.80	0.76	White Sandy Trap
104.80	106.00	1.20	Sludge
106.00	106.98	0.98	White Sandy Trap
106.98	109.00	2.02	Sludge

BH. NO. PBH-34			
SRL 48.00 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	3.00	3.00	Sludge
3.00	6.00	3.00	Sludge
6.00	7.00	1.00	Sludge
7.00	10.00	3.00	Sludge
10.00	11.24	1.24	Brown Varigated Clay
11.24	13.00	1.76	Sludge
13.00	13.74	0.74	Dark Grey Clay
13.74	14.02	0.28	Carb shale
14.02	16.00	1.98	Dark Grey Clay
16.00	17.37	1.37	Dark Grey Clay
17.37	19.00	1.63	Grey Sludge
19.00	19.46	0.46	Inferior Lignite
19.46	21.39	1.93	Dark Grey Clay
21.39	22.00	0.61	Dark Grey Shale
22.00	22.43	0.43	Resinous Lignite
22.43	22.91	0.48	Grey Shale
22.91	25.00	2.09	Grey Sludge
25.00	25.76	0.76	Grey Shale
25.76	26.02	0.26	Compact Clay Stone
26.02	28.00	1.98	Dark Grey Shale
28.00	28.96	0.96	Dark Grey Shale
28.96	29.66	0.70	Grey Shale
29.66	30.09	0.43	Dark Gey Shale
30.09	30.53	0.44	Carb Shale
30.53	31.00	0.47	Resinous Lignite
31.00	31.22	0.22	Resinous Lignite
31.22	32.15	0.93	Dark Grey Shale
32.15	32.53	0.38	Carb Shale
32.53	32.80	0.27	Grey Shale
32.80	33.29	0.49	Carb SHale
33.29	33.67	0.38	Lignite
33.67	34.00	0.33	Dark Grey Shale
34.00	35.61	1.61	Grey Shale
35.61	35.78	0.17	Dark Grey Shale
35.78	36.06	0.28	Compact Clay Stone
36.06	36.78	0.72	Dark Grey Shale
36.78	37.00	0.22	Grey Shale
37.00	37.48	0.48	Dark Grey Shale
37.48	37.75	0.27	Inferior Lignite
37.75	37.86	0.11	Compact Clay Stone
37.86	38.66	0.80	Grey Shale
38.66	40.00	1.34	Sludge
40.00	42.02	2.02	Grey Shale
42.02	43.00	0.98	Grey Sludge
43.00	44.24	1.24	Grey SSHale
44.24	44.71	0.47	Lignite (Mining Consider Upto this Depth)
44.71	44.81	0.10	Carb Shale
44.81	46.00	1.19	Grey Sludge
46.00	47.88	1.88	Dark Greenish Grey Shale
47.88	48.52	0.64	ark Grey Shale
48.52	49.00	0.48	Dark Greenish Grey Shale
49.00	49.42	0.42	Dark Grey Shale
49.42	51.33	1.91	dark Greenish Shale
51.33	52.00	0.67	Grey Shale
52.00	54.26	2.26	Grey Shale
54.26	55.00	0.74	Dark Grey Shale
55.00	56.22	1.22	Dark Grey Shale
56.22	56.88	0.66	Grey Shale
56.88	58.00	1.12	Grye Sludge
58.00	59.83	1.83	Grey Shale
59.83	61.00	1.17	Greenish Grey Shale
61.00	62.78	1.78	Grey Shale
62.78	64.00	1.22	Sludge
64.00	66.48	2.48	Grey Shale
66.48	67.00	0.52	Sludge
67.00	67.16	0.16	Gey Shale
67.16	67.43	0.27	Compact Clay Stone
67.43	67.92	0.49	Grey Shale
67.92	68.96	1.04	Greenish Grey Shale
68.96	70.00	1.04	Sludge

70.00	70.80	0.80	Grey Shale
70.80	71.82	1.02	Dark Greenish Shale
71.82	72.09	0.27	Dark Shale
72.09	73.00	0.91	Dark Greenish Shale
73.00	74.18	1.18	Grey Shale
74.18	74.66	0.48	Dark Grey Shale
74.66	75.52	0.86	Dark Greenish Shale
75.52	76.00	0.48	Lignite
76.00	77.16	1.16	Grey Shale
77.16	77.58	0.42	Dark Grey Shale
77.58	79.00	1.42	Grey Sludge
79.00	79.80	0.80	Dark Grey Shale
79.80	80.50	0.70	Grey Shale
80.50	82.00	1.50	Grey Sludge
82.00	82.40	0.40	Dark Grey Shale
82.40	83.42	1.02	Grey Shale
83.42	83.59	0.17	Compact Clay Stone
83.59	84.55	0.96	Grey Shale
84.55	85.00	0.45	Grey Sludge
85.00	85.82	0.82	Dark Grey Shale
85.82	86.75	0.93	Dark Greenish Shale
86.75	87.13	0.38	Carb Shale
87.13	88.00	0.87	Grey Shale
88.00	89.98	1.98	Grey Shale
89.98	91.00	1.02	Grey Shale
91.00	92.48	1.48	Grey Shale
92.48	92.68	0.20	dark Grey Shale
92.68	94.00	1.32	Greenish Grey Shale
94.00	96.02	2.02	Greenish Grey Shale
96.02	97.00	0.98	Gey Sludge
97.00	98.00	1.00	Greenish Grey Shale
98.00	98.89	0.89	Grey Shale
98.89	100.00	1.11	Grey Sludge
100.00	101.68	1.68	Grey Shale
101.68	101.88	0.20	Compact Clay Stone
101.88	103.00	1.12	Grey Sludge
103.00	104.98	1.98	Greenish Grey Shale
104.98	106.00	1.02	Grey Sludge
106.00	106.82	0.82	Greenish Grey Shale
106.82	107.20	0.38	Grey Shale
107.20	109.00	1.80	Greenish Grey Shale
109.00	111.09	2.09	Grey Shale
111.09	111.41	0.32	Dark Gey Shale
111.41	112.00	0.59	Grey Sludge
112.00	113.12	1.12	Grey Sludge
113.12	113.32	0.20	Compact Clay Stone
113.32	115.00	1.68	Dark Grey Clay
115.00	116.33	1.33	Grey Sludge
116.33	117.22	0.89	White Compact Clay
117.22	118.00	0.78	Sludge
118.00	118.71	0.71	White Compact Clay Stone
118.71	121.00	2.29	Sludge

BH. NO. PBH-35

SRL 50.86 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	3.00	3.00	Sludge
3.00	6.00	3.00	Sludge
6.00	7.00	1.00	Sludge
7.00	10.00	3.00	Sludge
10.00	13.00	3.00	Sludge
13.00	13.41	0.41	Brown Verigated Clay
13.41	14.02	0.61	Dark Grey Clay
14.02	16.00	1.98	Sludge
16.00	16.52	0.52	Carb Shale
16.52	19.00	2.48	Dark Grey Shale(Sand Mix)
19.00	22.00	3.00	Dark Grey Shale(Sand Mix)
22.00	24.02	2.02	Dark Grey Shale(Sand Mix)
24.02	25.00	0.98	Grey Shale
25.00	25.98	0.98	Dark Grey Clay
25.98	28.00	2.02	Grey Shale
28.00	29.73	1.73	Grey Shale
29.73	30.03	0.30	Carb Shale
30.03	30.34	0.31	Lignite

30.34	30.49	0.15	Dark Grey Shale
30.49	31.00	0.51	Lignite
31.00	32.31	1.31	Lignite
32.31	32.36	0.05	Grey Shale
32.36	32.47	0.11	Carb Shale
32.47	34.00	1.53	Grey Shale
34.00	34.21	0.21	Compact Clay Stone
34.21	35.97	1.76	Grey Sludge
35.97	36.85	0.88	Grey Shale
36.85	37.00	0.15	Dark Grey Shale
37.00	37.41	0.41	Dark Grey Shale
37.41	37.72	0.31	Grey Shale(Fossiliferous)
37.72	37.97	0.25	Dark Grey Shale
37.97	38.68	0.71	Greenish Grey Shale
38.68	39.39	0.71	Grey Shale
39.39	40.00	0.61	Grey Sludge
40.00	40.16	0.16	Carb Shale
40.16	40.63	0.47	Dark Greenish Grey Shale
40.63	41.00	0.37	Carb Shale
41.00	41.21	0.21	Dark Grey Shale
41.21	41.63	0.42	Carb Shale
41.63	42.00	0.37	Dark Grey Shale(Fossiliferous)
42.00	42.21	0.21	Grey Shale
42.21	42.47	0.26	Compact Clay Stone
42.47	43.00	0.53	Grey Sludge
43.00	43.98	0.98	Dark Greenish Grey Shale
43.98	44.24	0.26	Grey Shale
44.24	45.38	1.14	Dark Greenish Grey Shale
45.38	45.85	0.47	Dark Grey Shale
45.85	46.00	0.15	Lignite
46.00	46.16	0.16	Lignite (Mining Consider Upto this Depth)
46.16	47.53	1.37	Grey Shale
47.53	48.00	0.47	Dark Grey Shale
48.00	48.63	0.63	Darl Grey Clay
48.63	49.00	0.37	Compact Clay Stone
49.00	50.39	1.39	Greenish Grey Shale
50.39	52.00	1.61	Grey Sludge
52.00	54.02	2.02	Dark Greenish Grey Shale
54.02	55.00	0.98	Grey Shale
55.00	55.31	0.31	Grey Shale
55.31	55.42	0.11	Compact Clay Stone
55.42	57.00	1.58	Grey Shale
57.00	58.00	1.00	Grey Sludge
58.00	60.59	2.59	Greenish Grey Shale
60.59	61.00	0.41	Grey Sludge
61.00	61.52	0.52	Grey Shale
61.52	64.00	2.48	Grey Sludge
64.00	64.72	0.72	Grey Shale
64.72	64.98	0.26	Dark Greenish Grey Shale
64.98	64.19	-0.79	Grey Shale
64.19	65.45	1.26	Dark Grey Shale
65.45	65.60	0.15	Compact Clay Stone
65.60	67.00	1.40	Grey Sludge
67.00	67.31	0.31	Dark Grey Shale
67.31	68.99	1.68	Dark Greenish Grey Shale
68.99	69.19	0.20	Compact Clay Stone
69.19	70.00	0.81	Grey Shale
70.00	70.68	0.68	Grey Shale
70.68	71.00	0.32	Dark Grey Shale
71.00	72.00	1.00	Dark Greenish Grey Shale
72.00	72.21	0.21	Carb Shale
72.21	72.79	0.58	Lignite
72.79	73.00	0.21	Carb Shale
73.00	73.47	0.47	Dark Grey Shale
73.47	74.63	1.16	Grey Shale
74.63	75.37	0.74	Greenish Grey Shale
75.37	76.00	0.63	Sludge
76.00	76.29	0.29	Grey Shale
76.29	76.52	0.23	Lignite with clay partings
76.52	76.92	0.40	Grey Shale
76.92	77.21	0.29	Dark Grey Shale
77.21	77.44	0.23	Carb Shale
77.44	77.84	0.40	Dark Grey Shale
77.84	78.19	0.35	Carb Shale

78.19	78.71	0.52	Dark Grey Shale
78.71	79.00	0.29	Carb Shale
79.00	79.31	0.31	Dark Grey Shale
79.31	79.52	0.21	Grey Shale
79.52	80.68	1.16	Dark Grey Shale(Sand Mix)
80.68	81.00	0.32	Grey Shale
81.00	82.00	1.00	Dark Grey Shale(Sand Mix)
82.00	83.24	1.24	Dark Grey Shale(Sand Mix)
83.24	85.00	1.76	Grey Sludge
85.00	86.66	1.66	Dark Grey Shale(Sand Mix)
86.66	88.00	1.34	Grey Sludge
88.00	89.58	1.58	Dark Grey Shale(Sand Mix)
89.58	91.00	1.42	Grey Sludge
91.00	91.28	0.28	Grey Shale
91.28	91.50	0.22	Dark Grey Shale
91.50	91.72	0.22	Grey Shale
91.72	92.94	1.22	Dark Grey Shale(Sand Mix)
92.94	94.00	1.06	Sludge
94.00	94.98	0.98	Dark Greenish Grey Shale
94.98	97.00	2.02	Grey Sludge
97.00	98.00	1.00	Dark Grey Shale(Sand Mix)
98.00	99.00	1.00	Grey Sludge
99.00	99.42	0.42	Dark Grey Shale
99.42	100.00	0.58	Dark Greenish Grey Shale
100.00	100.51	0.51	Dark Grey Shale(Sand Mix)
100.51	101.12	0.61	Grey Shale
101.12	102.09	0.97	Dark Grey Clay
102.09	103.00	0.91	Dark Grey Shale(Sand Mix)
103.00	103.25	0.25	Grey Shale
103.25	104.98	1.73	Grey Sludge
104.98	105.29	0.31	Greenish Grey Shale
105.29	106.00	0.71	Grey Sludge
106.00	106.50	0.50	Dark Grey Shale
106.50	107.94	1.44	Dark Greenish Grey Shale
107.94	109.00	1.06	Sludge
109.00	111.09	2.09	Grey Shale
111.09	111.20	0.11	Compact Clay Stone
111.20	112.00	0.80	Grey Shale
112.00	114.37	2.37	Dark Grey Clay
114.37	115.00	0.63	Grey Sludge
115.00	115.32	0.32	Dark Grey Shale
115.32	117.00	1.68	Dark Grey Clay
117.00	118.00	1.00	Dark Grey Shale(Sand Mix)
118.00	121.00	3.00	Dark Grey Shale(Sand Mix)
121.00	123.02	2.02	Dark Grey Clay
123.02	123.38	0.36	Dark Grey Shale
123.38	124.00	0.62	Grey Sludge
124.00	126.02	2.02	Dark Grey Clay
126.02	127.00	0.98	Grey Sludge
127.00	129.02	2.02	Sludge
129.02	130.00	0.98	White Compact Clay Stone
BH. NO. PBH-36			
SRL 55.86 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	3.00	3.00	Sludge
3.00	6.00	3.00	Sludge
6.00	7.00	1.00	Sludge
7.00	10.00	3.00	Sludge
10.00	10.96	0.96	Brown Varigated Clay
10.96	11.98	1.02	Dark Grey Clay
11.98	13.00	1.02	Sludge
13.00	14.47	1.47	Grey Shlae
14.47	15.43	0.96	Dark Grey Clay
15.43	16.00	0.57	Grey Shale
16.00	17.24	1.24	Dark Grey Clay
17.24	17.50	0.26	Lignite
17.50	18.33	0.83	Lignite (Mining Consider Upto this Depth)
18.33	19.00	0.67	Grey Shale
19.00	21.56	2.56	Grey Shale
21.56	22.00	0.44	Dark Grey Clay
22.00	22.21	0.21	Carb Shale
22.21	23.50	1.29	Dark Grey Clay
23.50	25.00	1.50	Dark Grey Shale

25.00	26.45	1.45	Grey Shale
26.45	28.00	1.55	Grey Sludge
28.00	28.63	0.63	Grey Shale
28.63	30.16	1.53	Dark Grey Clay
30.16	30.69	0.53	Grey Shale
30.69	31.00	0.31	Sludge
31.00	32.34	1.34	Grey Shale
32.34	34.00	1.66	Grey Sludge
34.00	34.76	0.76	Dark Grey Shale
34.76	34.97	0.21	Carb Shale
34.97	36.29	1.32	Grey Shale
36.29	37.00	0.71	Grey Sludge
37.00	39.28	2.28	Gery Shale
39.28	40.00	0.72	Grey Sludge
40.00	42.59	2.59	Grey Shale
42.59	43.00	0.41	Grey Sludge
43.00	44.32	1.32	Grey Shale
44.32	44.78	0.46	Dark Grey Shale
44.78	46.00	1.22	Grey Shale
46.00	46.38	0.38	Dark Grey Shale
46.38	46.81	0.43	Carb Shale
46.81	47.29	0.48	Dark Grey Shale
47.29	49.00	1.71	Grey Shale
49.00	50.64	1.64	Greenisg Grey Shale
50.64	52.00	1.36	Grey Sludge
52.00	52.98	0.98	Grey Shale
52.98	55.00	2.02	Dark Greenish Shale
55.00	57.42	2.42	Dark Greenish Shale
57.42	58.00	0.58	Grey Sludge
58.00	59.58	1.58	Dark Greenish Grey Shale
59.58	59.96	0.38	Dark Grey Shale
59.96	60.13	0.17	Compact Clay Stone
60.13	61.00	0.87	Dark Greenish Grey Shale
61.00	61.73	0.73	Dark Greenish Grey Shale
61.73	62.14	0.41	Dark Grey Shale
62.14	63.07	0.93	Grey Shale
63.07	64.00	0.93	Grey Sludge
64.00	66.48	2.48	Grey Shale
66.48	67.00	0.52	Grey Sludge
67.00	68.56	1.56	Grey Shale
68.56	68.67	0.11	Compact Clay Stone
68.67	70.00	1.33	Greenish Grey Shale
70.00	71.34	1.34	Dark Grey Shale
71.34	71.66	0.32	Carb Shale
71.66	72.14	0.48	Dark Grey Shale
72.14	73.00	0.86	Grey Shale
73.00	74.81	1.81	Grey Shale
74.81	76.00	1.19	Grey Sludge
76.00	76.79	0.79	Grey Shale
76.79	78.58	1.79	Dark Grey Shale
78.58	79.00	0.42	Gey Sludge
79.00	80.32	1.32	Dark Grey Shale
80.32	82.00	1.68	Gey Sludge
82.00	83.14	1.14	Dark Grey Shale
83.14	83.71	0.57	Grey Shale
83.71	84.02	0.31	Dark Grey Shale
84.02	85.00	0.98	Grey Sludge
85.00	85.98	0.98	Dark Greenish Grey Shale
85.98	88.00	2.02	Grey Sludge
88.00	89.87	1.87	Dark Greenish Grey Shale
89.87	89.98	0.11	Compact Clay Stone
89.98	91.00	1.02	Grey Sludge
91.00	91.98	0.98	Dark Greenish Grey Shale
91.98	94.00	2.02	Grey Sludge
94.00	96.02	2.02	Greenish Grey Shale
96.02	97.00	0.98	Grey Shale
97.00	98.98	1.98	Grey Shale
98.98	100.00	1.02	Grey Sludge
100.00	102.04	2.04	Dark Grey Shale
102.04	102.72	0.68	Grey Shale
102.72	103.00	0.28	Compact Clay Stone
103.00	104.76	1.76	Grey Shale
104.76	105.43	0.67	Greenish Gey Shale
105.43	106.00	0.57	Grey Shale

106.00	107.44	1.44	Dark Greenish Shale
107.44	107.94	0.50	Dark Grey Shale
107.94	109.00	1.06	Grey Shale
109.00	111.52	2.52	Dark Grey Clay
111.52	111.63	0.11	Compact Clay Stone
111.63	112.00	0.37	Grey Sludge
112.00	114.02	2.02	Grey Shale
114.02	116.00	1.98	Grey Sludge
116.00	116.53	0.53	Greenish Grey Shale
116.53	117.32	0.79	Grey Shale
117.32	118.00	0.68	Greenish Grey Shale
118.00	119.98	1.98	Dark Greenish Shale
119.98	120.26	0.28	Compact Clay stone
120.26	121.00	0.74	Greenish Grey Shale
121.00	123.28	2.28	Dark Grey Clay
123.28	124.00	0.72	Grey Sludge
124.00	126.02	2.02	Grey Shale
126.02	127.00	0.98	Grey Sludge
127.00	129.09	2.09	Grey Sludge
129.09	130.00	0.91	White Compact Clay Stone
BH. NO. PBH-45			
SRL 55.00 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	3.00	3.00	Sludge
3.00	6.00	3.00	Sludge
6.00	7.00	1.00	Sludge
7.00	10.00	3.00	Sludge
10.00	10.98	0.98	Brown Variegated Clay
10.98	13.00	2.02	Sludge
13.00	14.29	1.29	Sludge
14.29	16.00	1.71	Dark Grey Clay
16.00	17.12	1.12	Grey Shale
17.12	17.27	0.15	Inferior Lignite
17.27	17.58	0.31	Dark Grey Shale
17.58	19.00	1.42	Grey Shale
19.00	19.46	0.46	Dark Grey Shale
19.46	19.82	0.36	Carb Shale
19.82	20.94	1.12	Grey Shale
20.94	21.14	0.20	Dark Grey Shale
21.14	22.00	0.86	Grey Shale
22.00	23.16	1.16	Grey Shale
23.16	25.00	1.84	Grey Sludge
25.00	25.88	0.88	Grey Shale
25.88	26.29	0.41	Dark Grey Shale
26.29	26.55	0.26	Resinous Lignite
26.55	27.01	0.46	Carb Shale
27.01	27.84	0.83	Grey Shale
27.84	28.00	0.16	Dark Grey Shale
28.00	30.02	2.02	Dark Grey Clay
30.02	31.00	0.98	Grey Sludge
31.00	32.40	1.40	Dark Grey Clay
32.40	32.71	0.31	Dark Grey Shale
32.71	32.86	0.15	Carb Shale
32.86	34.00	1.14	Grey Shale
34.00	34.56	0.56	Lignite (Mining Consider Upto this Depth)
34.56	35.02	0.46	Dark Grey Shale
35.02	37.00	1.98	Grey Shale
37.00	37.78	0.78	Grey Shale
37.78	39.64	1.86	Dark Grey Clay
39.64	39.90	0.26	Inferior Lignite
39.90	40.00	0.10	Carb Shale
40.00	40.58	0.58	Dark Grey Clay
40.58	41.00	0.42	Dark Grey Shale
41.00	43.00	2.00	Dark Greenish Shale
43.00	45.02	2.02	Dark Greenish Shale
45.02	46.00	0.98	Grey Shale
46.00	47.47	1.47	Dark Greenish Shale
47.47	47.89	0.42	Dark Grey Shale
47.89	48.10	0.21	Compact Clay Stone
48.10	49.00	0.90	Dark Grey Shale
49.00	51.02	2.02	Grey Shale
51.02	52.00	0.98	Grey Shludge
52.00	53.78	1.78	Greenish Grey Shale

53.78	55.00	1.22	Dark Greenish Shale
55.00	55.31	0.31	Dark Grey Shale
55.31	55.36	0.05	Compact Clay Stone
55.36	56.03	0.67	Grey Shale
56.03	56.13	0.10	Compact Clay Stone
56.13	58.00	1.87	Dark Greenish Shale
58.00	58.62	0.62	Grey Sludge
58.62	61.00	2.38	Greenish Grey Shale
61.00	61.37	0.37	Dark Grey Shale
61.37	61.47	0.10	Compact Clay Stone
61.47	64.00	2.53	Dark Grey Clay
64.00	66.02	2.02	Dark Grey Clay
66.02	67.00	0.98	Grey Shale
67.00	68.67	1.67	Grey Shale
68.67	68.90	0.23	Dark Grey Shale
68.90	70.00	1.10	Greenish Grey Shale
70.00	71.42	1.42	Greenish Grey Shale
71.42	71.63	0.21	Compact Clay Stone
71.63	73.00	1.37	Dark Greenish Shale
73.00	75.02	2.02	Dark Greenish Shale
75.02	76.00	0.98	Grey Sludge
76.00	77.64	1.64	Dark Grey Clay
77.64	78.49	0.85	Grey Shale
78.49	78.77	0.28	Dark Grey Shale
78.77	79.00	0.23	Grey Shale
79.00	81.25	2.25	Greenish Grey Shale
81.25	81.37	0.12	Compact Clay Stone
81.37	82.00	0.63	Grey Sludge
82.00	83.34	1.34	Dark Grey Clay
83.34	83.82	0.48	Dark Grey Shale
83.82	85.00	1.18	Grey Sludge
85.00	85.49	0.49	Grey Sludge
85.49	85.65	0.16	Compact Clay Stone
85.65	87.23	1.58	Dark Grey Clay
87.23	88.00	0.77	Grey Shale
88.00	90.25	2.25	Grey Shale
90.25	90.36	0.11	Compact Clay Stone
90.36	91.00	0.64	Grey Shale
91.00	92.06	1.06	Grey Sludge
92.06	94.00	1.94	Dark Grey Clay
94.00	95.02	1.02	Grey Sludge
95.02	95.23	0.21	Compact Clay Stone
95.23	97.00	1.77	Grey Shale
97.00	97.98	0.98	Dark Grey Clay
97.98	100.00	2.02	White Sludge
100.00	100.59	0.59	White Compact Clay Stone
100.59	103.00	2.41	Sludge

BH. NO. GU 9

SRL 55.89 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.05	11.05	Alluvium , brown sand
11.05	14.65	3.60	Dark Grey clay with resin matter
14.65	24.57	9.92	Dark grey clay
24.57	24.67	0.10	Lignite
24.67	27.38	2.71	Dark Grey clay with pyrite matter
27.38	27.68	0.30	Lignite
27.68	35.90	8.22	Dark Grey clay with pyrite matter
35.90	36.40	0.50	Lignite (Mining Consider Upto this Depth)
36.40	42.10	5.70	Dark Grey clay with pyrite matter
42.10	45.00	2.90	Dark Grey clay with siderite matter
45.00	53.75	8.75	Dark Grey clay with pyrite matter
53.75	54.15	0.40	Lignite
54.15	61.67	7.52	Dark Grey clay with pyrite matter
61.67	62.15	0.48	Carb clay
62.15	70.50	8.35	Dark Grey clay with pyrite matter
70.50	75.00	4.50	Ash grey clay

BH. NO. GU 19

SRL 52.20 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	5.50	5.50	Alluvium brown sand
5.50	10.70	5.20	Variegated clay
10.70	34.65	23.95	Dark grey clay

34.65	35.25	0.60	Lignite
35.25	35.75	0.50	Dark grey clay
35.75	36.60	0.85	Impure Lignite
36.60	37.10	0.50	Dark grey clay
37.10	38.80	1.70	Impure Lignite
38.80	39.10	0.30	Dark grey clay
39.10	39.35	0.25	Lignite
39.35	42.60	3.25	Dark grey clay
42.60	43.70	1.10	Lignite
43.70	54.60	10.90	Dark grey clay
54.60	56.00	1.40	Lignite (Mining considered up to this depth)
56.00	82.50	26.50	Dark grey clay
82.50	82.85	0.35	Lignite
82.85	83.40	0.55	Dark grey clay
83.40	83.50	0.10	Lignite
83.50	85.65	2.15	Dark grey clay
85.65	86.25	0.60	Impure Lignite
86.25	122.47	36.22	Grey clay
122.47	130.93	8.46	Dark grey clay
130.93	134.54	3.61	White sandy clay

BH. NO. GU 19A

SRL 49.01 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	3.15	3.15	Top soil
3.15	8.20	5.05	Variegated clay
8.20	18.10	9.90	Grey colour clay with pyrite
18.10	18.40	0.30	carb clay
18.40	33.60	15.20	Darkgrey clay & resin matter + cm
33.60	34.40	0.80	Lignite
34.40	35.10	0.70	Carb clay
35.10	36.20	1.10	Lignite
36.20	37.86	1.66	carb clay
37.86	38.95	1.09	Darkgrey clay with resin
38.95	39.55	0.60	Lignite (Mining Consider Upto this Depth)
39.55	45.25	5.70	Grey clay with pyrite & siderite boulder
45.25	54.38	9.13	Fossiliferous clay
54.38	74.76	20.38	Grey clay with pyrite & resin resin
74.76	75.16	0.40	Lignite
75.16	76.10	0.94	Darkgrey clay
76.10	76.30	0.20	Carb clay
76.30	78.35	2.05	Dark grey clay
78.35	78.56	0.21	carb clay
78.56	83.45	4.89	Darkgrey clay
83.45	90.95	7.50	Ash grey sandy clay
90.95	93.95	3.00	White sandy clay

BH. NO. GU 19B

SRL 52.46 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	5.35	5.35	Allivium, brown sand
5.35	14.51	9.16	Variegated clay
14.51	15.51	1.00	Lignite
15.51	15.89	0.38	Dark grey clay with resin and cm
15.89	16.14	0.25	Lignite
16.14	32.07	15.93	Dark grey clay & pyrite + resin
32.07	32.67	0.60	Lignite
32.67	35.53	2.86	Dark grey clay & siderite + resin mater
35.53	36.23	0.70	Lignite
36.23	47.28	11.05	Dark grey clay & in between siderite
47.28	48.08	0.80	Lignite (Mining Consider Upto this Depth)
48.08	57.46	9.38	Dark grey clay & siderite to with resin bands
57.46	76.35	18.89	Dark grey clay with pyrite & resin matter
76.35	76.75	0.40	Lignite
76.75	77.45	0.70	Darkgrey clay with resin
77.45	77.75	0.30	Lignite
77.75	91.00	13.25	Darkgrey clay with resin
91.00	99.60	8.60	Ash grey clay with siderite and bottom sandy clay

BH. NO. GU 20

SRL 49.26 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.75	9.75	Alluvium brown sand
9.75	11.74	1.99	Variegated clay

11.74	13.80	2.06	Dark Grey clay
13.80	13.92	0.12	Lignite
13.92	23.92	10.00	Dark Grey clay with pyrite matter
23.92	24.10	0.18	Lignite
24.10	28.13	4.03	Dark Grey clay with fossiliferous matter
28.13	28.78	0.65	Lignite
28.78	39.70	10.92	Dark Grey clay with fossilifeous matter
39.70	41.30	1.60	Lignite (Mining Consider Upto this Depth)
41.30	50.50	9.20	Dark Grey clay with fossiliferous matter
50.50	77.50	27.00	Dark Grey clay with pyrite matter
77.50	86.50	9.00	Grey clay
86.50	90.00	3.50	Grey colour with resinous matter
BH. NO. U-34			
SRL 48.00 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.80	10.80	Yellowish Sandy Top Soil
10.80	11.10	0.30	Yellowish Sandstone
11.10	18.25	7.15	Greenish Grey Shale
18.25	19.58	1.33	Sandy Grey Shale
19.58	20.09	0.51	Sandy Dark Grey Shale
20.09	21.53	1.44	Sandy Grey Shale
21.53	25.43	3.90	Dark Grey Shale
25.43	27.92	2.49	Carbonaceous Shale
27.92	28.89	0.97	Dark Grey Shale
28.89	29.50	0.61	Grey Shale
29.50	32.50	3.00	Dark Grey Shale
32.50	32.66	0.16	Lignite
32.66	34.11	1.45	Carbonaceous Shale
34.11	34.47	0.36	Resinous Lignite
34.47	38.50	4.03	Dark Grey Shale
38.50	41.50	3.00	Grey Shale
41.50	42.21	0.71	Resinous Lignite(Mining Consider Upto this Depth)
42.21	42.66	0.45	Carbonaceous Shale
42.66	44.16	1.50	Dark Grey Shale
44.16	44.33	0.17	Yellowish Clay stone
44.33	44.95	0.62	Greenish Grey Shale
44.95	46.17	1.22	Dark Grey Shale
46.17	47.50	1.33	Greenish Grey Shale
47.50	48.11	0.61	Dark Grey Shale
48.11	48.21	0.10	Gluconitic Shale
48.21	48.72	0.51	Grey Shale
48.72	48.97	0.25	Claystone Pebbels
48.97	50.50	1.53	Grey Shale
50.50	50.79	0.29	Claystone Pebbels
50.79	51.42	0.63	Greenish Grey Shale
51.42	54.11	2.69	Dark Grey Shale
54.11	54.76	0.65	Lignite
54.76	54.91	0.15	Carbonaceous Shale
54.91	55.50	0.59	Dark Grey Shale
BH. NO. U-35			
SRL 48.00 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.90	8.90	yellowish sandy top soil
8.90	9.60	0.70	dark grey shale
9.60	10.00	0.40	carbonaceous shale
10.00	13.00	3.00	light grey shale
13.00	19.00	6.00	greenish grey clay
19.00	19.95	0.95	dark grey shale
19.95	22.00	2.05	sandy dark grey shale
22.00	25.72	3.72	dark grey shale
25.72	28.00	2.28	carbonaceous shale
28.00	28.52	0.52	clay mix resinous lignite
28.52	28.67	0.15	carbonaceous shale
28.67	29.50	0.83	grey shale
29.50	31.00	1.50	snady grey shale
31.00	34.10	3.10	grey shale
34.10	34.83	0.73	lignite
34.83	37.00	2.17	grey to dark grey shale
37.00	37.92	0.92	dark grey shale
37.92	39.70	1.78	resinous carbo shale
39.70	40.00	0.30	dark grey shale
40.00	41.00	1.00	sandy dark grey shale

41.00	42.13	1.13	greenish grey clay
42.13	42.23	0.10	claystone pebble
42.23	43.83	1.60	greenish grey clay
43.83	44.80	0.97	lignite
44.80	45.70	0.90	greenish grey clay
45.70	45.90	0.20	claystone pebble
45.90	46.00	0.10	greenish grey clay
46.00	48.17	2.17	dark grey shale
48.17	48.28	0.11	gluconitic shale
48.28	50.04	1.76	grey shale
50.04	50.42	0.38	claystone pebble
50.42	52.00	1.58	greenish grey clay
52.00	52.24	0.24	gluconitic shale
52.24	53.67	1.43	dark grey shale
53.67	54.90	1.23	lignite (Mining Consider Upto this Depth)
54.90	55.00	0.10	dark grey shale
BH. NO. U-54			
SRL 52.49 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.50	9.50	yellowish sandy top soil
9.50	9.80	0.30	yellowish clay
9.80	9.90	0.10	dark grey shale
9.90	10.34	0.44	carbonaceous shale
10.34	11.50	1.16	grey shale
11.50	13.00	1.50	grey shale with claystone pebble
13.00	18.79	5.79	greenish grey clay
18.79	20.50	1.71	grey shale
20.50	23.50	3.00	sandy grey shale
23.50	29.50	6.00	dark grey shale
29.50	31.28	1.78	carbonaceous shale
31.28	35.50	4.22	grey shale
35.50	37.00	1.50	grey shale with claystone pebble
37.00	37.33	0.33	claystone pebble
37.33	39.05	1.72	grey shale
39.05	39.86	0.81	resinous carbo shale
39.86	41.16	1.30	resinous lignite
41.16	42.03	0.87	dark grey shale
42.03	42.21	0.18	carbonaceous shale
42.21	46.00	3.79	dark grey shale with claystone pebble
46.00	46.28	0.28	yellowish claystone
46.28	47.50	1.22	grey shale
47.50	48.77	1.27	dark grey shale
48.77	49.07	0.30	gluconitic shale
49.07	49.37	0.30	dark grey shale
49.37	49.74	0.37	yellowish claystone
49.74	51.22	1.48	dark grey shale
51.22	51.53	0.31	claystone pebble
51.53	52.26	0.73	greenish grey shale
52.26	54.58	2.32	dark grey shale
54.58	55.99	1.41	lignite (Mining Consider Upto this Depth)
55.99	56.50	0.51	dark grey shale
BH. NO. U-69			
SRL 53.44 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.50	8.50	yellowish sandy top soil
8.50	9.21	0.71	light grey shale
9.21	9.93	0.72	dark grey shale
9.93	19.00	9.07	greenish grey shale
19.00	20.50	1.50	grey shale
20.50	26.71	6.21	dark grey shale
26.71	30.03	3.32	carbonaceous shale
30.03	35.50	5.47	grey shale
35.50	36.57	1.07	high grade carbo shale
36.57	38.93	2.36	carbonaceous shale
38.93	39.73	0.80	resinous lignite
39.73	39.89	0.16	carbonaceous shale
39.89	40.37	0.48	lignite
40.37	40.75	0.38	carbonaceous shale
40.75	41.75	1.00	resinous lignite
41.75	42.09	0.34	resinous carbo shale
42.09	42.40	0.31	greenish grey shale
42.40	42.51	0.11	claystone pebble

42.51	43.38	0.87	greenish grey shale
43.38	44.50	1.12	resinous lignite
44.50	51.39	6.89	dark grey shale
51.39	52.06	0.67	gluconitic shale
52.06	53.28	1.22	dark grey shale
53.28	54.64	1.36	lignite (Mining Consider Upto this Depth)
54.64	56.50	1.86	dark grey shale
BH. NO. U-80			
SRL 53.11 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.10	11.10	yellowish sandy top soil
11.10	11.50	0.40	yellowish compact sandstone
11.50	12.08	0.58	yellowish clay
12.08	18.01	5.93	greenish grey clay
18.01	19.67	1.66	grey shale
19.67	21.58	1.91	sandy grey shale
21.58	22.18	0.60	claystone pebble
22.18	26.50	4.32	dark grey shale
26.50	30.43	3.93	carbonaceous shale
30.43	32.50	2.07	dark grey shale
32.50	34.64	2.14	grey shale
34.64	37.29	2.65	lignite
37.29	37.61	0.32	resinous lignite
37.61	38.50	0.89	carbonaceous shale
38.50	39.12	0.62	lignite
39.12	39.68	0.56	carbonaceous shale
39.68	40.49	0.81	resinous carbonaceous shale
40.49	43.50	3.01	grey shale
43.50	44.50	1.00	dark grey shale
44.50	46.94	2.44	greenish grey clay
46.94	47.09	0.15	yellowish claystone
47.09	47.50	0.41	greenish grey clay
47.50	48.55	1.05	grey shale
48.55	48.81	0.26	yellowish claystone
48.81	49.44	0.63	grey shale
49.44	50.18	0.74	gluconitic shale
50.18	51.32	1.14	dark grey shale
51.32	52.64	1.32	lignite (Mining Consider Upto this Depth)
52.64	52.74	0.10	carbonaceous shale
52.74	55.50	2.76	dark grey shale
BH. NO. U-86			
SRL 53.42 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.50	11.50	loose yellowish sandy top soil
11.50	12.68	1.18	variegated clay
12.68	19.05	6.37	greenish grey shale
19.05	26.19	7.14	dark grey shale
26.19	26.78	0.59	lignite
26.78	31.17	4.39	dark grey shale
31.17	31.46	0.29	carbonaceous shale
31.46	38.50	7.04	dark grey shale
38.50	39.41	0.91	grey shale
39.41	43.57	4.16	greenish grey shale
43.57	43.86	0.29	yellowish claystone
43.86	43.97	0.11	greenish grey shale
43.97	44.27	0.30	dark grey shale
44.27	44.76	0.49	greenish grey shale
44.76	45.02	0.26	yellowish claystone
45.02	45.43	0.41	greenish grey shale
45.43	47.50	2.07	grey shale
47.50	48.43	0.93	greenish grey shale
48.43	48.74	0.31	yellowish claystone
48.74	49.36	0.62	grey shale
49.36	49.88	0.52	gluconitic shale
49.88	51.26	1.38	grey shale
51.26	52.79	1.53	lignite (Mining Consider Upto this Depth)
52.79	55.50	2.71	dark grey shale
BH. NO. U-87			
SRL 52.92 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.50	11.50	loose yellowish sandy top soil

11.50	12.25	0.75	variegated clay
12.25	20.01	7.76	greenish grey shale
20.01	20.10	0.09	claystone pebble
20.10	20.50	0.40	greenish grey shale
20.50	30.64	10.14	dark grey shale
30.64	33.13	2.49	grey shale
33.13	33.87	0.74	lignite
33.87	34.50	0.63	dark grey shale
34.50	34.82	0.32	carbonaceous shale appear as lignite
34.82	36.21	1.39	dark grey shale
36.21	36.75	0.54	resinous carbo shale
36.75	38.50	1.75	dark grey shale
38.50	40.00	1.50	grey to dark gre shale
40.00	40.14	0.14	claystone pebble
40.14	41.50	1.36	grey shale
41.50	44.50	3.00	dark grey shale
44.50	44.82	0.32	greenish grey shale
44.82	45.03	0.21	claystone pebble
45.03	47.91	2.88	dark grey shale
47.91	48.22	0.31	yellowish claystone
48.22	49.57	1.35	dark grey shale
49.57	49.98	0.41	gluconitic shale
49.98	51.11	1.13	dark grey shale
51.11	52.74	1.63	lignite (Mining Consider Upto this depth)
52.74	53.35	0.61	dark grey shale
53.35	53.50	0.15	lignite
53.50	55.75	2.25	dark grey shale
55.75	56.50	0.75	greenish grey shale

BH. NO. U-91

SRL 52.78 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.35	11.35	yellowish sandy top soil
11.35	11.50	0.15	ferruginous sandstone
11.50	12.12	0.62	chocolatic clay
12.12	13.48	1.36	grey shale
13.48	13.93	0.45	claystone pebble
13.93	14.50	0.57	grey shale
14.50	14.90	0.40	claystone pebble
14.90	18.12	3.22	dark grey shale
18.12	19.77	1.65	grey shale
19.77	19.98	0.21	lignite
19.98	25.33	5.35	grey shale
25.33	25.48	0.15	lignite
25.48	25.68	0.20	dark grey shale
25.68	28.00	2.32	grey shale
28.00	30.16	2.16	dark grey shale
30.16	30.47	0.31	carbonaceous shale
30.47	34.17	3.70	grey shale
34.17	36.18	2.01	resinous carbo shale
36.18	38.50	2.32	grey to greenish grey shale
38.50	39.11	0.61	lignite
39.11	40.84	1.73	greenish grey shale
40.84	40.94	0.10	claystone
40.94	42.01	1.07	dark grey shale
42.01	46.79	4.78	greenish grey shale
46.79	47.04	0.25	claystone
47.04	50.18	3.14	greenish grey shale
50.18	50.86	0.68	lignite (Mining Consider Upto this Depth)
50.86	50.91	0.05	carbonaceous shale
50.91	54.94	4.03	grey shale
54.94	55.50	0.56	greenish grey shale

BH. NO. U-92

SRL 53.84 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.00	10.00	yellowish sandy top soil
10.00	12.55	2.55	variegated clay
12.55	17.50	4.95	greenish grey shale
17.50	17.66	0.16	claystone pebble
17.66	23.50	5.84	dark grey shale
23.50	29.50	6.00	dark to grey shale
29.50	29.82	0.32	light grey shale
29.82	30.98	1.16	dark grey shale

30.98	31.08	0.10	carbonaceous shale
31.08	32.34	1.26	lignite
32.34	32.50	0.16	dark grey shale
32.50	34.84	2.34	lignite
34.84	38.25	3.41	grey shale
38.25	38.30	0.05	claystone
38.30	41.50	3.20	greenish grey shale
41.50	42.30	0.80	grey shale
42.30	42.51	0.21	claystone pebble
42.51	42.68	0.17	grey shale
42.68	44.50	1.82	dark grey shale
44.50	45.10	0.60	greenish grey shale
45.10	46.84	1.74	grey shale
46.84	47.06	0.22	claystone
47.06	47.50	0.44	grey shale
47.50	48.24	0.74	dark grey shale
48.24	48.65	0.41	gluconitic clay
48.65	49.88	1.23	dark grey shale
49.88	51.37	1.49	lignite (Mining Consider Upto this Depth)
51.37	51.92	0.55	dark grey shale
51.92	53.50	1.58	grey shale
53.50	54.97	1.47	dark grey shale
54.97	55.50	0.53	grey shale
BH. NO. U-95			
SRL 48.47 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.20	9.20	yellowish sandy top soil
9.20	10.30	1.10	light grey shale
10.30	13.66	3.36	grey shale
13.66	14.26	0.60	resinous carbonaceous shale
14.26	16.98	2.72	dark grey shale
16.98	20.50	3.52	grey shale
20.50	22.83	2.33	grey to dark grey shale
22.83	23.18	0.35	lignite
23.18	23.50	0.32	dark grey shale
23.50	25.61	2.11	grey to dark grey shale
25.61	29.71	4.10	lignite
29.71	30.07	0.36	carbonaceous shale
30.07	31.36	1.29	dark grey shale
31.36	32.50	1.14	resinous carbonaceous shale
32.50	34.99	2.49	greenish grey shale
34.99	35.50	0.51	lignite
35.50	37.64	2.14	greenish grey shale
37.64	39.01	1.37	carbonaceous shale
39.01	39.17	0.16	claystone
39.17	41.50	2.33	greenish to dark grey shale
41.50	43.88	2.38	greenish grey shale
43.88	45.23	1.35	dark grey shale
45.23	47.14	1.91	lignite (Mining Consider Upto this Depth)
47.14	50.50	3.36	dark grey shale
BH. NO. U-100 (BH. WAS DRILLED IN WORKING AREA)			
SRL 39.90 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	4.47	4.47	fractured grey shale
4.47	6.52	2.05	grey shale
6.52	6.97	0.45	dark grey shale
6.97	8.30	1.33	grey shale
8.30	8.50	0.20	carbonaceous shale
8.50	10.33	1.83	grey shale
10.33	10.43	0.10	dark grey shale
10.43	11.35	0.92	lignite
11.35	11.50	0.15	resinous carbo shale
11.50	11.86	0.36	lignite
11.86	13.93	2.07	grey shale
13.93	15.71	1.78	resinous carbo shale
15.71	17.18	1.47	dark grey shale
17.18	17.50	0.32	resinous carbo shale
17.50	18.61	1.11	grey shale
18.61	18.76	0.15	compact grey shale
18.76	19.26	0.50	grey shale
19.26	19.46	0.20	claystone
19.46	19.56	0.10	grey shale

19.56	19.64	0.08	claystone
19.64	20.60	0.96	greenish grey shale
20.60	21.97	1.37	lignite
21.97	24.02	2.05	grey shale
24.02	26.50	2.48	dark to grey shale
26.50	29.10	2.60	soft grey shale
29.10	29.30	0.20	claystone
29.30	29.50	0.20	grey shale
29.50	31.67	2.17	greenish grey shale
31.67	32.19	0.52	lignite (Mining Consider Upto this Depth)
32.19	35.70	3.51	grey shale
35.70	35.90	0.20	claystone
35.90	41.50	5.60	greenish grey shale
41.50	44.50	3.00	grey shale
BH. NO. U-106			
SRL 53.04 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	5.10	5.10	yellowish sandy top soil
5.10	7.02	1.92	variegated clay
7.02	7.35	0.33	dark grey shale
7.35	10.16	2.81	high grade carbo shale
10.16	11.50	1.34	dark grey shale
11.50	14.50	3.00	grey shale with sand intrusion
14.50	17.50	3.00	dark grey shale
17.50	21.43	3.93	carbonaceous shale
21.43	22.36	0.93	high grade carbo shale
22.36	24.11	1.75	carbonaceous shale
24.11	25.23	1.12	dark grey shale
25.23	25.38	0.15	claystone
25.38	26.93	1.55	grey shale
26.93	27.14	0.21	black lignite
27.14	29.18	2.04	grey shale
29.18	29.50	0.32	carbonaceous shale
29.50	32.50	3.00	grey shale
32.50	33.43	0.93	carbonaceous shale
33.43	33.53	0.10	claystone
33.53	34.62	1.09	grey shale
34.62	34.78	0.16	claystone
34.78	36.21	1.43	greenish grey shale
36.21	38.50	2.29	dark grey shale
38.50	38.94	0.44	carbonaceous shale
38.94	40.37	1.43	lignite (Mining Consider Upto this Depth)
40.37	44.81	4.44	grey shale
44.81	45.12	0.31	yellowish claystone
45.12	47.50	2.38	grey to greenish grey shale
47.50	50.50	3.00	grey shale
BH. NO. U-107			
SRL 54.23 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	7.10	7.10	yellowish sandy top soil
7.10	8.20	1.10	variegated clay
8.20	10.88	2.68	dark grey shale
10.88	14.50	3.62	carbonaceous shale
14.50	17.50	3.00	dark grey shale
17.50	18.74	1.24	dark grey shale with sand intrusion
18.74	19.10	0.36	high grade carbo shale
19.10	22.84	3.74	carbonaceous shale
22.84	23.60	0.76	high grade carbo shale / bhatta lignite
23.60	24.84	1.24	resinous lignite (Mining Consider Upto this Depth)
24.84	25.36	0.52	resinous carbo shale
25.36	26.50	1.14	carbonaceous shale
26.50	27.37	0.87	grey shale
27.37	27.47	0.10	lignite
27.47	30.84	3.37	grey shale
30.84	31.05	0.21	impure lignite
31.05	31.31	0.26	carbonaceous shale
31.31	33.22	1.91	dark grey shale
33.22	33.32	0.10	claystone
33.32	35.19	1.87	dark grey shale
35.19	35.29	0.10	claystone
35.29	35.50	0.21	grey shale
35.50	35.60	0.10	claystone

35.60	38.50	2.90	grey shale
38.50	41.50	3.00	dark grey shale
41.50	46.96	5.46	grey shale
46.96	47.39	0.43	resinous carbo shale
47.39	47.50	0.11	grey shale
47.50	49.57	2.07	dark grey shale
49.57	50.20	0.63	grey shale
50.20	55.50	5.30	dark grey shale
BH. NO. U-108			
SRL 54.60 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	7.80	7.80	yellowish sandy top soil
7.80	10.58	2.78	variegated clay
10.58	14.50	3.92	carbonaceous shale
14.50	23.30	8.80	dark grey shale
23.30	23.40	0.10	resinous carbo shale
23.40	26.25	2.85	dark grey shale
26.25	28.61	2.36	resinous carbo shale
28.61	29.14	0.53	dark grey shale
29.14	29.34	0.20	black lignite
29.34	29.50	0.16	dark grey shale
29.50	32.70	3.20	grey shale
32.70	33.26	0.56	resinous carbo shale
33.26	33.51	0.25	grey shale
33.51	33.61	0.10	resinous carbo shale
33.61	35.50	1.89	greenish grey shale
35.50	38.76	3.26	grey shale
38.76	40.08	1.32	lignite (Mining Consider Upto this Depth)
40.08	46.28	6.20	grey shale
46.28	46.58	0.30	claystone
46.58	47.50	0.92	grey shale
47.50	50.50	3.00	greenish grey to grey shale
BH. NO. U-109			
SRL 54.79 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	4.00	4.00	yellowish sandy top soil
4.00	10.45	6.45	variegated clay
10.45	12.02	1.57	sandy greenish grey shale
12.02	12.50	0.48	dark grey shale
12.50	13.84	1.34	high grade carbo shale
13.84	15.02	1.18	carbonaceous shale
15.02	15.84	0.82	dark grey shale
15.84	16.16	0.32	impure lignite
16.16	16.57	0.41	carbonaceous shale
16.57	21.42	4.85	dark grey shale
21.42	24.32	2.90	carbonaceous shale
24.32	24.75	0.43	high grade carbo shale
24.75	25.66	0.91	carbonaceous shale
25.66	25.96	0.30	black compact lignite
25.96	26.50	0.54	carbonaceous shale
26.50	27.04	0.54	high grade carbo shale
27.04	28.09	1.05	resinous carbo shale
28.09	30.17	2.08	dark grey shale
30.17	31.54	1.37	greenish grey shale
31.54	33.93	2.39	carbonaceous shale
33.93	34.64	0.71	dark grey shale
34.64	34.74	0.10	claystone
34.74	35.82	1.08	grey shale
35.82	35.92	0.10	claystone
35.92	39.41	3.49	dark grey shale
39.41	40.38	0.97	lignite (Mining Consider Upto this Depth)
40.38	45.58	5.20	dark grey shale
45.58	45.84	0.26	claystone
45.84	47.24	1.40	grey shale
47.24	47.50	0.26	claystone
47.50	50.17	2.67	dark grey shale
50.17	50.28	0.11	claystone
50.28	50.50	0.22	dark grey shale
BH. NO. U-110			
SRL 55.31 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY

0.00	4.30	4.30	yellowish sandy top soil
4.30	8.71	4.41	variegated clay
8.71	8.82	0.11	carbonaceous shale
8.82	11.50	2.68	grey shale to dark grey shale
11.50	11.60	0.10	grey shale
11.60	13.05	1.45	high grade carbo shale
13.05	16.50	3.45	carbonaceous shale
16.50	16.98	0.48	low grade lingite
16.98	18.44	1.46	dark grey shale
18.44	19.25	0.81	resinous carbo shale
19.25	20.14	0.89	high grade carbo shale
20.14	23.50	3.36	carbonaceous shale
23.50	24.29	0.79	lignite
24.29	24.67	0.38	high grade carbo shale
24.67	25.32	0.65	resinous lignite
25.32	25.86	0.54	carbonaceous shale
25.86	26.19	0.33	inferior lignite
26.19	26.50	0.31	carbonaceous shale
26.50	27.85	1.35	dark grey shale
27.85	27.93	0.08	claystone
27.93	32.50	4.57	greenish grey shale
32.50	38.04	5.54	grey shale
38.04	38.91	0.87	lignite (Mining Consider Upto this Depth)
38.91	41.50	2.59	grey shale
41.50	42.29	0.79	dark grey shale
42.29	42.54	0.25	lignite
42.54	44.50	1.96	grey shale with claystone band
44.50	45.43	0.93	grey shale
45.43	45.53	0.10	claystone
45.53	48.21	2.68	grey shale
48.21	48.31	0.10	claystone
48.31	50.20	1.89	grey shale
50.20	50.30	0.10	claystone
50.30	50.50	0.20	grey shale

BH. NO. U-117

SRL 54.25 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	6.90	6.90	yellowish sandy top soil
6.90	9.57	2.67	variegated clay
9.57	13.83	4.26	greenish grey shale
13.83	14.50	0.67	dark grey shale with pyrite intrusion
14.50	17.50	3.00	dark grey shale
17.50	23.22	5.72	grey shale
23.22	24.09	0.87	compact black lignite
24.09	25.51	1.42	dark grey shale
25.51	26.50	0.99	carbonaceous shale
26.50	26.81	0.31	inferior resinous lignite
26.81	27.33	0.52	resinous carbo shale
27.33	28.88	1.55	carbonaceous shale
28.88	29.40	0.52	resinous carbo shale
29.40	29.76	0.36	dark grey shale
29.76	30.39	0.63	highly resinous carbo shale / inferior resinous lignite
30.39	30.92	0.53	resinous carbo shale
30.92	32.76	1.84	greenish grey shale
32.76	34.05	1.29	lignite
34.05	36.33	2.28	grey shale
36.33	37.62	1.29	dark grey shale
37.62	38.40	0.78	grey shale
38.40	38.50	0.10	claystone pebble
38.50	40.97	2.47	grey shale
40.97	41.18	0.21	claystone
41.18	41.74	0.56	grey shale
41.74	41.84	0.10	gluconitic shale
41.84	43.27	1.43	grey shale
43.27	43.37	0.10	carbonaceous shale
43.37	44.79	1.42	lignite (Mining Consider Upto this Depth)
44.79	49.72	4.93	dark grey shale
49.72	50.28	0.56	claystone pebble
50.28	50.50	0.22	grey shale

BH. NO. U-118

SRL 53.72 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
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0.00	7.40	7.40	yellowish sandy top soil
7.40	7.50	0.10	sandstone pebble
7.50	8.50	1.00	variegated clay
8.50	11.50	3.00	light grey shale
11.50	15.96	4.46	sandy greenish grey shale
15.96	16.78	0.82	carbonaceous shale
16.78	17.11	0.33	lignite
17.11	18.40	1.29	dark grey shale
18.40	18.51	0.11	carbonaceous shale
18.51	19.94	1.43	dark grey shale
19.94	20.27	0.33	impure lignite
20.27	23.91	3.64	dark grey shale
23.91	24.79	0.88	lignite
24.79	25.48	0.69	high grade carbo shale
25.48	26.81	1.33	carbonaceous shale
26.81	27.95	1.14	grey shale
27.95	30.09	2.14	carbonaceous shale
30.09	31.06	0.97	resinous carbo shale
31.06	31.38	0.32	compact lignite
31.38	31.72	0.34	dark grey shale
31.72	31.89	0.17	resinous lignite
31.89	32.50	0.61	dark grey shale
32.50	33.59	1.09	lignite
33.59	34.93	1.34	grey shale
34.93	35.24	0.31	yellowish claystone
35.24	35.50	0.26	grey shale
35.50	36.94	1.44	dark grey shale
36.94	38.50	1.56	grey shale
38.50	40.36	1.86	greenish grey shale
40.36	40.67	0.31	claystone
40.67	43.49	2.82	greenish grey shale
43.49	45.00	1.51	lignite (Mining Consider Upto this Depth)
45.00	49.94	4.94	grey shale
49.94	50.25	0.31	claystone
50.25	50.50	0.25	grey shale

BH. NO. U-119

SRL 54.45 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.00	11.00	yellowish sandy top soil
11.00	11.50	0.50	variegated clay with pebble
11.50	14.50	3.00	greenish grey shale
14.50	15.49	0.99	greenish grey shale with sandy intrusion
15.49	15.98	0.49	dark grey shale
15.98	18.10	2.12	lignite
18.10	20.50	2.40	carbonaceous shale
20.50	24.10	3.60	dark grey shale
24.10	24.72	0.62	low grade lignite
24.72	26.19	1.47	carbonaceous shale
26.19	27.75	1.56	resinous carbo shale
27.75	29.00	1.25	dark grey shale
29.00	29.29	0.29	resinous lignite
29.29	29.50	0.21	grey shale
29.50	29.60	0.10	claystone
29.60	32.66	3.06	greensih grey shale
32.66	33.77	1.11	lignite (resinous)
33.77	34.90	1.13	grey shale
34.90	35.08	0.18	yellowish claystone
35.08	35.50	0.42	grey shale
35.50	35.60	0.10	yellowish claystone
35.60	36.01	0.41	greensh grey shale
36.01	40.47	4.46	dark grey shale
40.47	40.57	0.10	claystone
40.57	41.50	0.93	grey shale
41.50	42.43	0.93	greenish grey shale
42.43	43.44	1.01	grey shale
43.44	44.50	1.06	lignite (Mining Consider Upto this Depth)
44.50	48.82	4.32	dark grey shale
48.82	48.97	0.15	claystone
48.97	54.42	5.45	grey shale
54.42	54.58	0.16	claystone
54.58	55.50	0.92	grey shale

BH. NO. U-120

SRL 54.85 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.60	9.60	yellowish sandy top soil
9.60	9.70	0.10	ferruginous sandstone
9.70	10.31	0.61	variegated clay
10.31	13.00	2.69	greenish grey shale with sand intrusion
13.00	15.00	2.00	sandy grey shale with claystone pebble
15.00	15.22	0.22	sandy grey shale
15.22	15.44	0.22	dark grey shale
15.44	17.34	1.90	lignite
17.34	17.86	0.52	carbonaceous shale
17.86	23.23	5.37	dark grey shale
23.23	23.95	0.72	dark grey shale with resinous band
23.95	24.43	0.48	carbonaceous shale
24.43	24.74	0.31	inferior lignite
24.74	26.67	1.93	carbonaceous shale
26.67	28.00	1.33	high grade carbo shale
28.00	28.78	0.78	high grade carbo shale / low grade lignite
28.78	30.00	1.22	yellowish clay (soft)
30.00	31.00	1.00	resinous carbo shale
31.00	32.33	1.33	greenish grey shale
32.33	34.25	1.92	dark grey shale
34.25	34.56	0.31	compact black lignite
34.56	40.00	5.44	dark grey shale
40.00	41.14	1.14	grey shale
41.14	41.24	0.10	soft yellowish clay
41.24	43.00	1.76	dark grey shale
43.00	43.31	0.31	greenish grey shale
43.31	43.41	0.10	carbonaceous shale
43.41	44.93	1.52	lignite (Mining Consider Upto this Depth)
44.93	49.00	4.07	dark grey shale
49.00	49.32	0.32	compact claystone
49.32	50.00	0.68	dark grey shale
BH. NO. U-121			
SRL 55.20 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.10	11.10	yellowish sandy top soil
11.10	11.50	0.40	variegated clay
11.50	17.94	6.44	grey shale with sandy intrusion
17.94	20.50	2.56	carbonaceous shale
20.50	24.55	4.05	dark grey shale
24.55	24.88	0.33	resinous carbo shale
24.88	27.46	2.58	dark grey shale
27.46	27.63	0.17	low grade lignite
27.63	31.47	3.84	carbonaceous shale
31.47	33.11	1.64	high grade carbo shale / bhatta lignite
33.11	33.91	0.80	high grade carbo shale
33.91	34.94	1.03	carbonaceous shale
34.94	37.79	2.85	grey shale
37.79	37.95	0.16	yellowish claystone
37.95	39.47	1.52	dark grey shale
39.47	41.50	2.03	greenish grey shale
41.50	41.81	0.31	dark grey shale
41.81	43.66	1.85	grey shale
43.66	43.88	0.22	claystone
43.88	44.50	0.62	grey shale
44.50	46.05	1.55	greenish grey shale
46.05	46.46	0.41	dark grey shale
46.46	47.50	1.04	lignite (Mining Consider Upto this Depth)
47.50	50.50	3.00	greenish grey shale
BH. NO. U-122			
SRL 54.91 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.50	9.50	yellowish sandy top soil
9.50	10.42	0.92	variegated clay
10.42	13.00	2.58	sandy grey clay
13.00	13.73	0.73	sandy grey shale
13.73	15.33	1.60	greenish grey shale
15.33	20.50	5.17	high grade carbonaceous shale
20.50	24.73	4.23	dark grey shale
24.73	26.93	2.20	carbonaceous shale
26.93	29.16	2.23	resinous lignite

29.16	30.81	1.65	grey shale
30.81	32.78	1.97	resinous lignite
32.78	34.00	1.22	dark grey shale
34.00	35.89	1.89	grey shale
35.89	36.07	0.18	claystone
36.07	36.95	0.88	grey shale
36.95	37.32	0.37	lignite
37.32	38.11	0.79	dark grey shale
38.11	38.50	0.39	resinous carb shale
38.50	38.72	0.22	gluconitic shale
38.72	40.00	1.28	dark grey shale
40.00	41.96	1.96	grey shale
41.96	42.14	0.18	claystone
42.14	42.85	0.71	gluconitic shale
42.85	43.05	0.20	dark grey shale
43.05	44.09	1.04	lignite (Mining Consider Upto this Depth)
44.09	44.50	0.41	dark grey shale
44.50	49.51	5.01	grey shale
49.51	49.74	0.23	claystone
49.74	50.34	0.60	grey shale
50.34	50.50	0.16	claystone
50.50	54.21	3.71	grey shale
54.21	54.40	0.19	claystone
54.40	55.00	0.60	grey shale
BH. NO. U-123			
SRL 54.53 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.00	8.00	yellowish sandy top soil
8.00	8.10	0.10	ferruginous sandstone
8.10	10.72	2.62	variegated clay
10.72	12.14	1.42	grey shale
12.14	13.43	1.29	sandy greenish clay
13.43	18.79	5.36	carbonaceous shale
18.79	23.50	4.71	dark grey shale
23.50	23.81	0.31	carbonaceous shale
23.81	25.05	1.24	resinous cabo shale
25.05	32.19	7.14	grey shale
32.19	32.50	0.31	lignite
32.50	33.93	1.43	carbonaceous shale
33.93	34.43	0.50	grey shale
34.43	34.69	0.26	carbonaceous shale
34.69	35.25	0.56	resinous lignite
35.25	35.50	0.25	dark grey shale
35.50	38.50	3.00	grey shale
38.50	38.91	0.41	gluconitic shale
38.91	41.25	2.34	dark grey shale
41.25	42.22	0.97	lignite (Mining Consider Upto this Depth)
42.22	50.50	8.28	dark grey shale
BH. NO. U-124			
SRL 55.26 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	5.50	5.50	yellowish sandy top soil
5.50	9.45	3.95	variegated clay
9.45	11.50	2.05	grey shale
11.50	11.91	0.41	impure lignite
11.91	18.53	6.62	carbonaceous shale
18.53	21.64	3.11	dark grey shale
21.64	22.47	0.83	carbonaceous shale
22.47	24.82	2.35	resinous carbo shale
24.82	26.65	1.83	carbonaceous shale
26.65	26.80	0.15	lignite
26.80	27.13	0.33	high grade carbo shale
27.13	27.44	0.31	lignite
27.44	28.67	1.23	dark grey shale
28.67	29.50	0.83	resinous carbo shale
29.50	31.11	1.61	dark grey shale
31.11	31.27	0.16	lignite
31.27	31.93	0.66	dark grey shale
31.93	32.24	0.31	claystone
32.24	33.13	0.89	grey shale
33.13	33.23	0.10	lignite
33.23	36.12	2.89	carbonaceous shale

36.12	37.37	1.25	dark grey shale
37.37	37.47	0.10	claystone
37.47	38.50	1.03	grey shale
38.50	38.81	0.31	claystone
38.81	42.01	3.20	dark grey shale
42.01	42.42	0.41	lignite (Mining Consider Upto this Depth)
42.42	46.94	4.52	dark grey shale
46.94	47.04	0.10	compact claystone / siderite
47.04	47.22	0.18	grey shale
47.22	47.30	0.08	claystone
47.30	48.57	1.27	grey shale
48.57	48.67	0.10	claystone
48.67	50.50	1.83	dark grey shale
BH. NO. U-132			
SRL 54.17 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.76	9.76	yellowish sandy top soil
9.76	11.50	1.74	yellowish clay with pebble
11.50	15.70	4.20	grey shale
15.70	16.09	0.39	sandy compact grey shale
16.09	17.34	1.25	lignite
17.34	19.14	1.80	carbonaceous shale
19.14	23.78	4.64	dark grey shale
23.78	24.03	0.25	loose lignite
24.03	25.41	1.38	dark grey shale
25.41	26.50	1.09	grey shale
26.50	27.69	1.19	lignite
27.69	30.38	2.69	dark grey shale
30.38	32.92	2.54	resinous carbo shale
32.92	33.24	0.32	lignite
33.24	33.56	0.32	resinous lignite
33.56	36.46	2.90	dark to grey shale
36.46	37.53	1.07	lignite
37.53	38.82	1.29	dark grey shale
38.82	39.07	0.25	claystone pebble
39.07	42.48	3.41	dark grey shale
42.48	42.98	0.50	yellowish claystone
42.98	44.50	1.52	gluconitic to grey shale
44.50	46.47	1.97	greenish grey shale
46.47	47.90	1.43	lignite (Mining Consider Upto this Depth)
47.90	53.17	5.27	grey shale
53.17	53.50	0.33	compact grey shale
53.50	55.00	1.50	grey shale
BH. NO. U-133			
SRL 54.43 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	14.05	14.05	yellowish sandy top soil
14.05	14.20	0.15	yellowish sandstone
14.20	16.71	2.51	variegated clay
16.71	17.50	0.79	greenish grey shale
17.50	18.36	0.86	sandy grey shale
18.36	18.41	0.05	basaltic pebble
18.41	19.33	0.92	sandy grey shale
19.33	20.50	1.17	dark grey shale
20.50	22.59	2.09	lignite
22.59	23.50	0.91	inferior lignite
23.50	26.68	3.18	carbonaceous shale
26.68	26.98	0.30	loose lignite
26.98	28.27	1.29	dark grey shale
28.27	29.07	0.80	grey shale
29.07	30.87	1.80	inferior lignite
30.87	32.50	1.63	carbonaceous shale
32.50	33.60	1.10	sandy resinous carbo shale
33.60	34.21	0.61	resinous carbo shale
34.21	34.48	0.27	black lignite
34.48	38.50	4.02	dark grey shale
38.50	39.74	1.24	grey shale
39.74	39.84	0.10	claystone
39.84	42.74	2.90	dark grey shale
42.74	43.15	0.41	greenish grey shale
43.15	44.50	1.35	dark grey shale
44.50	45.68	1.18	greenish grey shale

45.68	46.70	1.02	dark grey shale
46.70	48.21	1.51	lignite (Mining Consider Upto this Depth)
48.21	50.50	2.29	grey shale
BH. NO. U-134			
SRL 55.20 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.80	10.80	yellowish sandy top soil
10.80	11.10	0.30	compact sandstone
11.10	13.85	2.75	variegated clay
13.85	20.13	6.28	light grey sandy grey shale
20.13	20.50	0.37	carbonaceous shale
20.50	21.62	1.12	lignite
21.62	26.09	4.47	dark grey shale
26.09	26.50	0.41	carbonaceous shale
26.50	27.55	1.05	dark grey shale
27.55	29.17	1.62	grey shale
29.17	30.51	1.34	carbonaceous shale
30.51	31.43	0.92	low grade lignite
31.43	32.50	1.07	carbonaceous shale
32.50	33.94	1.44	resinous carbo shale
33.94	34.39	0.45	light grey shale
34.39	36.02	1.63	resinous carbo shale
36.02	38.23	2.21	grey shale
38.23	39.01	0.78	lignite
39.01	44.09	5.08	grey to dark grey shale
44.09	44.50	0.41	greenish grey shale
44.50	47.30	2.80	dark grey shale
47.30	47.76	0.46	lignite (Mining Consider Upto this Depth)
47.76	50.50	2.74	dark grey shale
50.50	55.00	4.50	greenish grey shale
BH. NO. U-135			
SRL 55.31 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.50	8.50	yellowish sandy top soil
8.50	12.02	3.52	variegated clay
12.02	17.50	5.48	greenish grey shale
17.50	20.05	2.55	sandy grey shale
20.05	28.54	8.49	dark grey shale
28.54	31.52	2.98	carbonaceous shale
31.52	33.30	1.78	high grade carbo shale
33.30	33.72	0.42	resinous lignite
33.72	33.93	0.21	carbonaceous shale
33.93	35.10	1.17	dark grey shale
35.10	36.52	1.42	resinous sandy carbo shale
36.52	36.96	0.44	resinous carbo shale
36.96	40.21	3.25	dark grey shale
40.21	40.32	0.11	claystone
40.32	41.50	1.18	grey to dark grey shale
41.50	44.93	3.43	dark grey shale
44.93	45.04	0.11	claystone
45.04	46.01	0.97	dark grey shale
46.01	46.17	0.16	claystone
46.17	47.09	0.92	dark grey shale
47.09	47.20	0.11	grey shale
47.20	47.50	0.30	dark grey shale
47.50	48.09	0.59	grey shale
48.09	48.50	0.41	dark grey shale
48.50	50.16	1.66	lignite (Mining Consider Upto this Depth)
50.16	55.00	4.84	grey shale
BH. NO. U-136			
SRL 55.73 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.28	11.28	yellowish sandy top soil
11.28	11.50	0.22	sandy stone
11.50	11.70	0.20	yellowish sandy top soil
11.70	17.50	5.80	sandy grey clay
17.50	18.50	1.00	grey shale
18.50	19.34	0.84	carbonaceous shale
19.34	21.52	2.18	dark grey shale
21.52	22.11	0.59	carbonaceous shale
22.11	29.50	7.39	dark grey shale

29.50	32.99	3.49	carbonaceous shale
32.99	33.78	0.79	resinous lignite
33.78	34.99	1.21	resinous carb shale
34.99	35.82	0.83	resinous lignite
35.82	36.04	0.22	resinous carb shale
36.04	39.60	3.56	grey shale
39.60	41.33	1.73	carbonaceous shale
41.33	41.50	0.17	grey shale
41.50	41.55	0.05	claystone
41.55	45.06	3.51	grey shale
45.06	45.39	0.33	claystone
45.39	47.11	1.72	gluconitic shale
47.11	48.48	1.37	grey shale
48.48	48.94	0.46	lignite (Mining Consider Upto this Depth)
48.94	50.50	1.56	dark grey shale
BH. NO. U-137			
SRL 58.44 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	14.50	14.50	yellowish sandy top soil
14.50	14.80	0.30	sandy stone
14.80	15.50	0.70	yellowish sandy top soil
15.50	17.50	2.00	sandy grey clay
17.50	19.82	2.32	dark grey shale
19.82	20.50	0.68	carbonaceous shale
20.50	23.07	2.57	dark grey shale
23.07	23.70	0.63	carbonaceous shale
23.70	25.52	1.82	dark grey shale
25.52	26.50	0.98	resinous carb shale
26.50	27.23	0.73	carbonaceous shale
27.23	29.37	2.14	dark grey shale
29.37	32.50	3.13	carbonaceous shale
32.50	33.59	1.09	resinous carb shale
33.59	35.03	1.44	sandy grey shale
35.03	35.71	0.68	resinous lignite
35.71	36.37	0.66	gluconitic shale
36.37	40.50	4.13	grey shale
40.50	44.86	4.36	dark grey shale
44.86	45.30	0.44	compact grey shale
45.30	48.83	3.53	dark grey shale
48.83	49.50	0.67	lignite (Mining Consider Upto this Depth)
49.50	55.50	6.00	dark grey shale
BH. NO. U-138			
SRL 55.78 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.50	8.50	yellowish sandy top soil
8.50	9.60	1.10	sandstone
9.60	11.42	1.82	sludge
11.42	12.14	0.72	variegated clay
12.14	13.84	1.70	light grey shale
13.84	24.19	10.35	dark grey shale
24.19	29.91	5.72	carbonaceous shale
29.91	31.96	2.05	resinous carbo shale
31.96	32.30	0.34	lignite
32.30	32.79	0.49	grey shale
32.79	34.30	1.51	dark grey shale
34.30	34.66	0.36	lignite
34.66	35.02	0.36	dark grey shale
35.02	35.22	0.20	claystone
35.22	36.05	0.83	grey shale
36.05	36.25	0.20	lignite
36.25	38.50	2.25	dark grey shale
38.50	39.53	1.03	resinous lignite (impure) (Mining Consider Upto this Depth)
39.53	45.21	5.68	dark grey shale
45.21	50.02	4.81	grey shale
50.02	50.21	0.19	claystone
50.21	50.91	0.70	grey shale
50.91	51.06	0.15	claystone
51.06	53.50	2.44	grey shale
BH. NO. U-139			
SRL 56.28 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY

0.00	11.00	11.00	yellowish sandy top soil
11.00	11.50	0.50	sandy variegated clay
11.50	13.25	1.75	grey shale
13.25	19.41	6.16	carbonaceous shale
19.41	19.83	0.42	impure resinous lignite
19.83	20.24	0.41	resinous carbo shale
20.24	20.50	0.26	carbonaceous shale
20.50	24.14	3.64	dark grey shale
24.14	25.00	0.86	resinous carbo shale
25.00	25.91	0.91	resinous lignite
25.91	27.17	1.26	resinous carbo shale
27.17	29.98	2.81	dark grey shale
29.98	30.41	0.43	carbonaceous shale
30.41	30.73	0.32	black lignite (Mining Consider Upto this Depth)
30.73	31.11	0.38	resinous carbo shale
31.11	34.67	3.56	grey shale
34.67	35.24	0.57	carbonaceous shale
35.24	38.81	3.57	dark grey shale
38.81	38.91	0.10	claystone
38.91	40.67	1.76	dark grey shale
40.67	40.88	0.21	claystone
40.88	43.84	2.96	dark grey shale
43.84	44.04	0.20	lignite
44.04	48.31	4.27	dark grey shale
48.31	49.25	0.94	grey shale
49.25	49.35	0.10	claystone
49.35	50.50	1.15	grey shale

BH. NO. U-147

SRL 55.33 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	13.70	13.70	yellowish sandy top soil
13.70	16.64	2.94	variegated clay
16.64	17.50	0.86	greenish grey shale
17.50	19.93	2.43	light grey shale
19.93	19.98	0.05	compact claystone
19.98	20.50	0.52	dark grey shale
20.50	23.09	2.59	carbonaceous shale
23.09	23.50	0.41	dark grey shale with pyrite intrusion
23.50	25.83	2.33	dark grey shale
25.83	26.50	0.67	dark grey shale with claystone pebble
26.50	28.14	1.64	grey shale
28.14	28.47	0.33	lignite
28.47	31.53	3.06	dark grey shale
31.53	32.14	0.61	carbonaceous shale
32.14	32.55	0.41	high grade carbo shale
32.55	33.69	1.14	lignite (pollen)
33.69	34.10	0.41	high grade carbo shale
34.10	35.50	1.40	dark grey shale
35.50	35.92	0.42	resinous carbo shale
35.92	36.55	0.63	resinous lignite
36.55	36.92	0.37	light grey shale
36.92	37.45	0.53	resinous carbo shale
37.45	39.01	1.56	dark grey shale
39.01	40.43	1.42	grey shale
40.43	40.58	0.15	claystone pebble
40.58	41.50	0.92	greenish grey shale
41.50	42.45	0.95	carbonaceous shale (high grade)
42.45	47.50	5.05	dark grey shale
47.50	48.01	0.51	greenish grey shale
48.01	48.11	0.10	yellowish claystone
48.11	48.62	0.51	gluconitic shale
48.62	49.74	1.12	grey shale
49.74	50.86	1.12	lignite (Mining Consider Upto this Depth)
50.86	54.22	3.36	grey shale
54.22	54.32	0.10	claystone pebble
54.32	55.35	1.03	grey shale
55.35	55.50	0.15	claystone pebble

BH. NO. U-148

SRL 54.00 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.30	11.30	yellowish sandy top soil
11.30	11.50	0.20	compact sandstone

11.50	13.31	1.81	fine grain yellowish snd
13.31	13.56	0.25	ferruginous sand stone
13.56	15.09	1.53	variegated clay
15.09	16.51	1.42	greenish grey shale
16.51	21.95	5.44	light grey shale
21.95	22.52	0.57	dark to greenish grey shale
22.52	23.50	0.98	carbo shale with pyritic intrusion
23.50	24.48	0.98	carbonaceous shale
24.48	24.95	0.47	carbo shale with sand intrusion
24.95	25.52	0.57	carbonaceous shale (high grade)
25.52	28.58	3.06	dark grey shale
28.58	32.35	3.77	carbonaceous shale
32.35	32.40	0.05	pebble
32.40	32.92	0.52	grey shale
32.92	34.66	1.74	carbonaceous shale
34.66	35.50	0.84	compact lignite
35.50	37.84	2.34	high grade carbo shale/ bhatta lignite
37.84	39.11	1.27	carbonaceous shale
39.11	40.07	0.96	sandy resinous carbo shale
40.07	40.63	0.56	resinous lignite
40.63	41.22	0.59	sandy resinous carbo shale
41.22	41.50	0.28	resinous lignite
41.50	44.04	2.54	dark grey shale
44.04	44.14	0.10	claystone
44.14	44.50	0.36	dark grey shale
44.50	45.47	0.97	grey shale
45.47	48.31	2.84	dark grey shale
48.31	48.39	0.08	claystone
48.39	48.49	0.10	dark grey shale
48.49	48.59	0.10	claystone
48.59	51.57	2.98	greenish grey shale
51.57	52.28	0.71	lignite black (Mining Consider Upto this Depth)
52.28	55.50	3.22	dark grey shale

BH. NO. U-149

SRL 55.60 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.30	8.30	yellowish sandy top soil
8.30	9.30	1.00	variegated clay
9.30	12.28	2.98	sandy greenish grey shale
12.28	12.36	0.08	lignite
12.36	14.37	2.01	grey shale
14.37	14.53	0.16	basaltic pebble
14.53	16.00	1.47	grey shale
16.00	19.00	3.00	dark grey shale
19.00	26.97	7.97	carbonaceous shale
26.97	28.00	1.03	grey shale
28.00	31.00	3.00	carbonaceous shale
31.00	31.86	0.86	high grade carbo shale
31.86	34.00	2.14	dark grey shale
34.00	37.00	3.00	greenish grey shale
37.00	40.00	3.00	dark grey shale
40.00	42.37	2.37	grey shale
42.37	42.68	0.31	claystone pebble
42.68	43.00	0.32	grey shale
43.00	46.00	3.00	grey to greenish grey shale
46.00	47.19	1.19	lignite (Mining Consider Upto this Depth)
47.19	49.00	1.81	dark grey shale
49.00	52.00	3.00	grey shale
52.00	55.00	3.00	greenish grey shale

BH. NO. U-150

SRL 55.87 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.60	9.60	yellowish sandy top soil
9.60	10.00	0.40	compact sandstone
10.00	11.99	1.99	variegated clay
11.99	12.66	0.67	greenish grey shale
12.66	12.79	0.13	lignite
12.79	13.00	0.21	carbonaceous shale
13.00	16.00	3.00	dark grey shale
16.00	16.10	0.10	claystone
16.10	19.00	2.90	loose sandy clay
19.00	20.86	1.86	dark grey shale

20.86	23.24	2.38	carbonaceous shale
23.24	25.00	1.76	dark grey shale
25.00	28.00	3.00	dark grey shale with light grey shale band
28.00	29.02	1.02	dark grey shale
29.02	29.07	0.05	lignite
29.07	29.96	0.89	dark grey shale
29.96	32.01	2.05	carbonaceous shale
32.01	32.62	0.61	high grade carbo shale
32.62	33.38	0.76	high grade resinous carbo shale
33.38	33.69	0.31	resinous lignite
33.69	34.00	0.31	sandy resinous carbo shale
34.00	34.26	0.26	high grade carbo shale
34.26	34.68	0.42	sandy resinous carbo shale
34.68	34.95	0.27	black lignite
34.95	35.53	0.58	sandy resinous carbo shale
35.53	37.00	1.47	dark grey shale
37.00	38.66	1.66	greenish grey shale
38.66	38.97	0.31	yellowish claystone / siderite
38.97	40.00	1.03	dark grey shale
40.00	40.72	0.72	carbonaceous shale
40.72	41.55	0.83	dark grey shale
41.55	43.00	1.45	carbonaceous shale
43.00	44.53	1.53	dark grey shale
44.53	44.94	0.41	claystone
44.94	46.00	1.06	greenish grey shale
46.00	47.68	1.68	dark grey shale
47.68	48.39	0.71	loose lignite (Mining Consider Upto this Depth)
48.39	52.36	3.97	dark grey shale
52.36	52.72	0.36	yellowish claystone
52.72	53.80	1.08	grey shale
53.80	53.92	0.12	claystone
53.92	55.00	1.08	grey shale

BH. NO. U-152

SRL 56.25 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	9.35	9.35	yellowish sandy top soil
9.35	9.55	0.20	sandstone
9.55	11.63	2.08	variegated clay
11.63	15.71	4.08	grey clay
15.71	16.00	0.29	pebble
16.00	16.41	0.41	grey clay
16.41	17.96	1.55	dark grey shale
17.96	25.00	7.04	carbonaceous shale
25.00	28.00	3.00	light grey shale
28.00	28.90	0.90	grey shale
28.90	29.26	0.36	lignite
29.26	32.76	3.50	carbonaceous shale
32.76	34.97	2.21	dark grey shale
34.97	35.96	0.99	loose lignite (Mining Consider Upto this Depth)
35.96	40.29	4.33	dark grey shale
40.29	41.00	0.71	resinous carbonaceous shale
41.00	43.26	2.26	dark grey shale
43.26	43.57	0.31	compact grey shale
43.57	53.73	10.16	dark grey shale
53.73	54.50	0.77	grey shale
54.50	54.76	0.26	hard and compact grey shale
54.76	60.95	6.19	grey shale
60.95	61.00	0.05	grey shale

BH. NO. U-153

SRL 56.07 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.32	11.32	yellowish sandy top soil
11.32	11.50	0.18	sandstone
11.50	12.47	0.97	fine grain yellowish sand
12.47	12.67	0.20	ferruginous sandstone
12.67	13.47	0.80	variegated clay
13.47	14.14	0.67	dark grey shale
14.14	14.30	0.16	claystone
14.30	18.93	4.63	dark grey shale
18.93	19.55	0.62	sandy carbo shale
19.55	20.30	0.75	resinous lignite
20.30	24.71	4.41	dark grey shale

24.71	25.28	0.57	resinous lignite
25.28	26.50	1.22	carbonaceous shale
26.50	29.60	3.10	high grade carbo shale
29.60	30.87	1.27	dark grey shale
30.87	31.64	0.77	resinous lignite
31.64	33.03	1.39	grey shale
33.03	33.30	0.27	claystone
33.30	33.96	0.66	gluconitic shale
33.96	34.12	0.16	lignite
34.12	38.24	4.12	dark grey shale
38.24	39.04	0.80	grey shale
39.04	39.38	0.34	sandy greenish grey shale
39.38	40.90	1.52	dark grey shale
40.90	41.34	0.44	grey shale
41.34	42.26	0.92	dark grey shale
42.26	43.30	1.04	resinous lignite (Mining Consider Upto this Depth)
43.30	48.12	4.82	dark grey shale
48.12	48.34	0.22	claystone
48.34	49.46	1.12	grey shale
49.46	49.68	0.22	dark grey shale
49.68	50.50	0.82	grey shale
50.50	53.18	2.68	claystone
53.18	54.37	1.19	dark grey shale
54.37	54.58	0.21	claystone
54.58	55.50	0.92	dark grey shale
BH. NO. U-154			
SRL 56.10 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.40	10.40	yellowish sandy top soil
10.40	10.80	0.40	ferruginous sandstone
10.80	11.00	0.20	variegated clay
11.00	11.50	0.50	grey shale
11.50	12.97	1.47	sandy grey shale
12.97	22.55	9.58	dark grey shale
22.55	24.81	2.26	light grey shale
24.81	28.53	3.72	lignite
28.53	29.09	0.56	resinous carbo shale
29.09	29.50	0.41	grey shale
29.50	29.55	0.05	claystone
29.55	29.72	0.17	grey shale
29.72	30.33	0.61	lignite (Mining Consider Upto this Depth)
30.33	32.84	2.51	grey shale
32.84	33.05	0.21	lignite
33.05	35.50	2.45	dark grey shale
35.50	39.34	3.84	grey shale
39.34	39.97	0.63	gluconitic shale
39.97	44.50	4.53	dark grey shale
44.50	50.50	6.00	grey shale
50.50	55.00	4.50	grey to dark grey shale
BH. NO. U-161			
SRL 55.32 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	14.10	14.10	yellowish sandy top soil
14.10	14.50	0.40	yellowish clay
14.50	17.19	2.69	variegated clay
17.19	19.43	2.24	greenish grey shale
19.43	20.75	1.32	sandy grey shale
20.75	23.50	2.75	dark gery shale
23.50	27.04	3.54	grey shale
27.04	27.20	0.16	lignite
27.20	29.92	2.72	grey shale
29.92	31.55	1.63	dark grey shale
31.55	32.50	0.95	high grade carbo shale
32.50	33.51	1.01	carbonaceous shale
33.51	34.30	0.79	high grade carbo shale
34.30	35.16	0.86	carbonaceous shale
35.16	35.60	0.44	dark grey shale
35.60	35.90	0.30	resinous lignite
35.90	37.35	1.45	sandy resinous carbo shale
37.35	38.50	1.15	dark grey shale
38.50	41.50	3.00	grey shale
41.50	45.52	4.02	dark grey shale

45.52	45.94	0.42	greenish grey shale
45.94	48.28	2.34	dark grey shale
48.28	48.54	0.26	yellowish claystone
48.54	49.26	0.72	greenish grey shale
49.26	51.19	1.93	dark grey shale
51.19	51.77	0.58	lignite (Mining Consider Upto this Depth)
51.77	55.50	3.73	dark grey shale/Greenish Grey Shale
BH. NO. U-162			
SRL 55.58 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	13.35	13.35	yellowish sandy top soil
13.35	13.55	0.20	yellwoish sandstone
13.55	20.18	6.63	light grey shale
20.18	20.50	0.32	compact sandy claystone
20.50	23.50	3.00	carbonaceous shale
23.50	27.73	4.23	dark grey shale
27.73	27.91	0.18	loose lignite
27.91	29.50	1.59	dark gey shale
29.50	32.50	3.00	grey shale
32.50	33.49	0.99	carbonaceous shale
33.49	34.50	1.01	high grade carbonaceous shale
34.50	35.50	1.00	carbonaceous shale
35.50	37.29	1.79	dark grey shale
37.29	38.01	0.72	resinous carbo shale
38.01	38.42	0.41	dark grey shale
38.42	38.50	0.08	yellwoish claystone
38.50	46.53	8.03	grey to dark grey shale
46.53	46.94	0.41	greenish grey shale
46.94	47.04	0.10	yellowish claystone
47.04	47.81	0.77	grey shale
47.81	48.02	0.21	yellowish claystone
48.02	50.71	2.69	greenish grey to grey shale
50.71	52.05	1.34	lignite (Mining Consider Upto this Depth)
52.05	55.50	3.45	grey shale
BH. NO. U-163			
SRL 55.65 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	11.50	11.50	yellowish sandy top soil
11.50	11.72	0.22	yellwoish sandstone
11.72	13.11	1.39	variegated clay
13.11	15.84	2.73	greenish grey shale
15.84	16.31	0.47	light grey shale with pyritic intrusion
16.31	16.57	0.26	dark grey shale
16.57	16.92	0.35	inferior lignite
16.92	17.50	0.58	grey shale
17.50	19.19	1.69	greenish grey shale
19.19	24.01	4.82	carbonaceous shale
24.01	24.42	0.41	high grade carbonaceous shale
24.42	27.56	3.14	carbonaceous shale
27.56	27.89	0.33	sandy resinous carbo shale
27.89	28.50	0.61	Resinous lignite
28.50	29.50	1.00	sandy grey shale
29.50	30.45	0.95	grey shale
30.45	33.29	2.84	carbonaceous shale
33.29	33.49	0.20	resinous lignite
33.49	33.97	0.48	resinous carbo shale
33.97	35.50	1.53	light grey shale
35.50	40.94	5.44	dark grey shale
40.94	41.14	0.20	claystone
41.14	41.50	0.36	greenish grey shale
41.50	47.04	5.54	dark grey shale
47.04	47.30	0.26	yellwoish claystone
47.30	48.70	1.40	greenish grey shale
48.70	50.19	1.49	dark grey shale
50.19	50.94	0.75	lignite (Mining Consider Upto this Depth)
50.94	53.50	2.56	grey shale
BH. NO. U-164			
SRL 56.08 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.90	8.90	yellowish sandy top soil
8.90	9.65	0.75	compact sandstone

9.65	11.58	1.93	variegated clay
11.58	13.00	1.42	light grey shale
13.00	19.26	6.26	grey shale
19.26	21.85	2.59	dark grey shale
21.85	25.15	3.30	carbonaceous shale
25.15	28.00	2.85	dark grey shale
28.00	30.69	2.69	light to grey shale
30.69	31.00	0.31	lignite
31.00	31.51	0.51	low grade lignite
31.51	32.58	1.07	carbonaceous shale
32.58	33.19	0.61	low grade lignite
33.19	34.00	0.81	carbonaceous shale
34.00	34.86	0.86	resinous carbo shale
34.86	35.83	0.97	low grade lignite (Mining Consider Upto this Depth)
35.83	36.19	0.36	resinous carbo shale
36.19	43.00	6.81	grey shale
43.00	44.84	1.84	greenish grey shale
44.84	45.08	0.24	claystone
45.08	45.63	0.55	greenish grey shale
45.63	46.00	0.37	claystone
46.00	47.32	1.32	gluconitic shale
47.32	50.07	2.75	grey shale
50.07	52.00	1.93	dark grey shale
52.00	52.90	0.90	grey shale
52.90	53.74	0.84	dark grey shale
53.74	53.95	0.21	claystone
53.95	55.00	1.05	grey shale

BH. NO. U-165

SRL 55.66 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	8.50	8.50	yellowish sandy top soil
8.50	11.50	3.00	variegated clay
11.50	16.16	4.66	greensih grey shale
16.16	16.21	0.05	lignite
16.21	18.34	2.13	light grey shale
18.34	18.82	0.48	basaltic pebble
18.82	19.18	0.36	compact snady claystone
19.18	20.50	1.32	grey shale
20.50	21.50	1.00	dark grey shale
21.50	26.19	4.69	carbonaceous shale
26.19	30.82	4.63	dark grey shale
30.82	32.50	1.68	light grey shale
32.50	33.06	0.56	lignite
33.06	33.67	0.61	high grade carbo shale
33.67	34.48	0.81	lignite (Mining Consider Upto this Depth)
34.48	34.68	0.20	dark grey shale
34.68	35.09	0.41	high grade carbo shale
35.09	36.87	1.78	dark grey shale
36.87	37.38	0.51	high grade carbo shale
37.38	38.60	1.22	dark grey shale
38.60	38.71	0.11	resinous lignite
38.71	40.86	2.15	dark grey shale
40.86	41.18	0.32	gluconitic shale
41.18	41.50	0.32	dark grey shale
41.50	41.77	0.27	yellowish claystone
41.77	44.40	2.63	dark grey shale
44.40	44.50	0.10	yellowish claystone
44.50	48.06	3.56	dark grey shale
48.06	49.38	1.32	gluconitic shale
49.38	54.66	5.28	dark grey shale
54.66	54.87	0.21	compact claystone
54.87	55.50	0.63	dark grey shale

BH. NO. U-166

SRL 56.28 Mtr.

FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	7.60	7.60	yellowish sandy top soil
7.60	10.88	3.28	variegated clay
10.88	13.88	3.00	greenish grey shale
13.88	14.50	0.62	dark grey shale
14.50	16.75	2.25	grey shale
16.75	17.50	0.75	grey shale with pebble
17.50	18.61	1.11	grey shale

18.61	24.44	5.83	carbonaceous shale
24.44	29.50	5.06	dark grey shale
29.50	31.52	2.02	grey shale
31.52	33.18	1.66	lignite
33.18	33.54	0.36	resinous carbo shale
33.54	34.68	1.14	Carb Shale
34.68	35.30	0.62	Resinous Lignite
35.30	35.50	0.20	Carb Shale
35.50	35.72	0.22	carbonaceous shale
35.72	36.52	0.80	grey shale
36.52	36.83	0.31	lignite
36.83	38.89	2.06	grey shale
38.89	39.46	0.57	dark grey shale
39.46	40.07	0.61	black lignite (Mining Consider Upto this Depth)
40.07	40.48	0.41	dark grey shale
40.48	41.81	1.33	greenish grey shale
41.81	42.57	0.76	resinous carbo shale
42.57	45.43	2.86	dark grey shale
45.43	45.69	0.26	yellowish claystone
45.69	50.50	4.81	dark grey shale
50.50	53.50	3.00	dark grey shale with claystone band
53.50	55.50	2.00	dark grey shale
BH. NO. U-167			
SRL 56.14 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	6.10	6.10	yellowish sandy top soil
6.10	11.89	5.79	variegated clay
11.89	11.99	0.10	claystone pebble
11.99	13.28	1.29	light grey shale
13.28	13.47	0.19	carbonaceous shale
13.47	14.50	1.03	grey shale
14.50	17.29	2.79	sandy grey shale
17.29	17.50	0.21	claystone pebble
17.50	21.53	4.03	carbonaceous shale
21.53	22.98	1.45	resinous carbo shale
22.98	25.74	2.76	dark grey shale
25.74	27.37	1.63	loose resinous lignite
27.37	27.67	0.30	carbonaceous shale
27.67	28.89	1.22	lignite
28.89	29.50	0.61	high grade carbo shale
29.50	32.50	3.00	carbonaceous shale
32.50	33.03	0.53	resinous lignite
33.03	33.49	0.46	grey shale
33.49	33.77	0.28	loose lignite
33.77	35.50	1.73	light grey shale
35.50	41.50	6.00	dark grey shale
41.50	44.50	3.00	greenish grey shale
44.50	45.41	0.91	dark grey shale
45.41	46.32	0.91	lignite (Mining Consider Upto this Depth)
46.32	50.50	4.18	grey shale
50.50	50.71	0.21	claystone pebble
50.71	55.50	4.79	grey shale
BH. NO. U-168			
SRL 55.60 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.00	10.00	yellowish sandy top soil
10.00	11.10	1.10	variegated clay
11.10	12.54	1.44	sandy grey shale
12.54	20.97	8.43	carbonaceous shale
20.97	21.30	0.33	claymix resinous lignite
21.30	22.76	1.46	carbonaceous shale
22.76	22.97	0.21	grey shale
22.97	23.08	0.11	clastone pebble
23.08	25.95	2.87	grey shale
25.95	26.90	0.95	lignite
26.90	28.45	1.55	carbonaceous shale
28.45	29.50	1.05	sandy carbo shale
29.50	29.89	0.39	resinous carbo shale
29.89	30.50	0.61	black lignite
30.50	31.40	0.90	resinous carbonaceous shale
31.40	32.30	0.90	lignite
32.30	32.62	0.32	grey shale

32.62	33.11	0.49	lignite (Mining Consider Upto this Depth)
33.11	33.38	0.27	dark grey shale
33.38	33.43	0.05	lignite
33.43	38.24	4.81	dark grey shale
38.24	38.45	0.21	claystone
38.45	39.07	0.62	greenish grey shale
39.07	41.97	2.90	dark grey shale
41.97	42.29	0.32	resinous carbo shale
42.29	44.50	2.21	dark grey shale
44.50	45.50	1.00	grey shale
45.50	45.61	0.11	claystone
45.61	55.45	9.84	grey shale
55.45	55.50	0.05	pebble
BH. NO. U-169			
SRL 56.83 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	7.60	7.60	yellowish sandy top soil
7.60	11.02	3.42	variegated clay
11.02	13.57	2.55	dark grey shale
13.57	20.50	6.93	carbonaceous shale
20.50	21.02	0.52	lignite (Mining Consider Upto this Depth)
21.02	24.72	3.70	dark grey shale
24.72	24.97	0.25	carbonaceous shale
24.97	26.50	1.53	high grade carbo shale
26.50	26.86	0.36	resinous carbo shale
26.86	28.18	1.32	dark grey shale
28.18	30.68	2.50	resinous carbo shale
30.68	32.50	1.82	grey to greenish grey shale
32.50	33.02	0.52	greenish grey shale
33.02	38.35	5.33	dark grey shale
38.35	38.50	0.15	grey shale
38.50	39.22	0.72	greenish grey shale
39.22	41.50	2.28	grey shale
41.50	44.29	2.79	dark grey shale
44.29	44.50	0.21	carbonaceous shale
44.50	47.50	3.00	greenish grey shale
47.50	48.25	0.75	grey shale
48.25	48.36	0.11	claystone pebble
48.36	50.50	2.14	greenish grey shale
BARREN BORE-HOLE			
BH. NO. U-151			
SRL 56.61 Mtr.			
FROM (M.)	TO (M.)	THICKNESS(M.)	LITHOLOGY
0.00	10.00	10.00	yellowish sandy top soil
10.00	12.08	2.08	variegated clay
12.08	13.00	0.92	sandy greenish grey clay
13.00	19.76	6.76	sandy grey clay
19.76	22.81	3.05	dark grey shale
22.81	25.74	2.93	carbonaceous shale
25.74	34.00	8.26	dark grey shale
34.00	35.13	1.13	resinous carb shale
35.13	37.00	1.87	dark grey shale
37.00	40.00	3.00	grey shale
40.00	40.16	0.16	pebble
40.16	43.00	2.84	grey shale
43.00	46.00	3.00	grey to greenish clay
46.00	47.29	1.29	grey shale
47.29	47.45	0.16	claystone
47.45	48.20	0.75	grey shale
48.20	49.67	1.47	gluconitic shale
49.67	52.00	2.33	grey shale
52.00	52.11	0.11	pebble
52.11	55.00	2.89	grey shale