

**LITHOLOG OF BOREHOLES FALLING WITHIN SELECTED MINING AREA,
AMOD (G-19 EXT)LIGNITE MINE, LIGNITE PROJECT RAJPARDI , GMDC LTD.
TALUKA- JHAGADIA, DIST- BHARUCH.**

Note : BH = Borehole, S.R.L. = Surface Reduced Level

All Figures are in Meter

BH : MRP-1

SRL 57.15

| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | REMARK |
|------------------|----------------|----------------------|------------------|--|
| 0.00 | 3.00 | 3.00 | TOP SOIL | |
| 3.00 | 15.80 | 12.80 | SAND | |
| 15.80 | 56.00 | 40.20 | CLAY | |
| 56.00 | 88.00 | 32.00 | SANDY CLAY | |
| 88.00 | 95.00 | 7.00 | CLAY | |
| 95.00 | 101.20 | 6.20 | LIGNITE | |
| 101.20 | 104.60 | 3.40 | SANDY CLAY | |
| 104.60 | 114.50 | 9.90 | CLAY | |
| 114.50 | 114.80 | 0.30 | CARB SHALE | |
| 114.80 | 115.40 | 0.60 | CLAY | |
| 115.40 | 117.60 | 2.20 | LIGNITE | Lignite Mining is considered up to this depth |
| 117.60 | 130.00 | 12.40 | CLAY | |
| 130.00 | 136.40 | 6.40 | SAND | |
| 136.40 | 156.95 | 20.55 | CLAY | |
| 156.95 | 157.55 | 0.60 | SAND | |
| 157.55 | 160.00 | 2.45 | CLAY | |

BH :MRP 2

SRL 59.58

| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
|------------------|----------------|----------------------|------------------|--|
| 0.00 | 1.00 | 1.00 | TOP SOIL | |
| 1.00 | 55.60 | 54.60 | SAND | |
| 55.60 | 57.60 | 2.00 | SANDY CLAY | |
| 57.60 | 58.60 | 1.00 | SAND | |
| 58.60 | 61.00 | 2.40 | CLAY | |
| 61.00 | 65.60 | 4.60 | SANDY CLAY | |
| 65.60 | 67.20 | 1.60 | CLAY | |
| 67.20 | 89.00 | 21.80 | SAND | |
| 89.00 | 101.60 | 12.60 | CLAY | |
| 101.60 | 107.60 | 6.00 | LIGNITE | |
| 107.60 | 108.80 | 1.20 | CLAY | |

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|------------------|----------------|----------------------|---------------------|--|
| 108.80 | 110.80 | 2.00 | SAND | |
| 110.80 | 126.00 | 15.20 | CLAY | |
| 126.00 | 129.40 | 3.40 | LIGNITE | Lignite Mining is considered up to this depth |
| 129.40 | 165.10 | 35.70 | SANDY CLAY | |
| BH :MRP 4 | | | | |
| SRL 61.70 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 4.00 | 4.00 | SOIL SANDY | |
| 4.00 | 11.60 | 7.60 | CLAY | |
| 11.60 | 17.20 | 5.60 | SANDY CLAY | |
| 17.20 | 31.20 | 14.00 | SAND | |
| 31.20 | 42.80 | 11.60 | CLAY | |
| 42.80 | 48.00 | 5.20 | LIGNITE | |
| 48.00 | 49.00 | 1.00 | CLAY | |
| 49.00 | 49.60 | 0.60 | LIGNITE | Lignite Mining is considered up to this depth |
| 49.60 | 51.20 | 1.60 | SAND | |
| 51.20 | 57.60 | 6.40 | CLAY | |
| 57.60 | 60.00 | 2.40 | SAND | |
| 60.00 | 64.40 | 4.40 | CLAY | |
| 64.40 | 68.80 | 4.40 | SAND | |
| 68.80 | 122.80 | 54.00 | CLAY | |
| 122.80 | 130.00 | 7.20 | SANDY CLAY | |
| BH :MRP 7 | | | | |
| SRL 54.93 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 4.00 | 4.00 | SOIL SANDY & CLAYEY | |
| 4.00 | 44.40 | 40.40 | SAND | |
| 44.40 | 65.20 | 20.80 | SANDY CLAY | |
| 65.20 | 66.80 | 1.60 | CARB CLAY | |
| 66.80 | 76.00 | 9.20 | SAND | |
| 76.00 | 99.60 | 23.60 | SANDY CLAY | |
| 99.60 | 107.60 | 8.00 | LIGNITE | |
| 107.60 | 112.40 | 4.80 | CLAY | |
| 112.40 | 113.20 | 0.80 | LIGNITE | |

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|------------------|----------------|----------------------|------------------|--|
| 113.20 | 116.60 | 3.40 | CLAY | |
| 116.60 | 117.40 | 0.80 | LIGNITE | |
| 117.40 | 120.40 | 3.00 | CLAY | |
| 120.40 | 121.20 | 0.80 | CARB SHALE | |
| 121.20 | 122.00 | 0.80 | LIGNITE | |
| 122.00 | 122.40 | 0.40 | CLAY | |
| 122.40 | 123.20 | 0.80 | LIGNITE | |
| 123.20 | 144.20 | 21.00 | CLAY | |
| 144.20 | 150.80 | 6.60 | SANDY CLAY | |
| 150.80 | 160.00 | 9.20 | CLAY | |
| | | | | |
| BH :MRP 8 | | | | |
| SRL 59.29 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 1.00 | 1.00 | TOP SOIL | |
| 1.00 | 8.00 | 7.00 | SANDY CLAY | |
| 8.00 | 34.00 | 26.00 | SAND | |
| 34.00 | 47.60 | 13.60 | SANDY CLAY | |
| 47.60 | 66.00 | 18.40 | SAND | |
| 66.00 | 88.00 | 22.00 | SANDY CLAY | |
| 88.00 | 100.80 | 12.80 | CLAY | |
| 100.80 | 105.80 | 5.00 | LIGNITE | |
| 105.80 | 107.40 | 1.60 | CLAY | |
| 107.40 | 109.40 | 2.00 | LIGNITE | |
| 109.40 | 110.40 | 1.00 | CLAY | |
| 110.40 | 111.60 | 1.20 | SAND | |
| 111.60 | 122.00 | 10.40 | CLAY | |
| 122.00 | 122.40 | 0.40 | LIGNITE | |
| 122.40 | 128.00 | 5.60 | CLAY | |
| 128.00 | 130.80 | 2.80 | LIGNITE | Lignite Mining is considered up to this depth |
| 130.80 | 165.10 | 34.30 | SANDY CLAY | |
| | | | | |
| BH :MRP 9 | | | | |
| SRL 56.93 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 2.00 | 2.00 | TOP SOIL | |
| 2.00 | 13.00 | 11.00 | SAND | |
| 13.00 | 15.00 | 2.00 | CLAY | |
| 15.00 | 18.40 | 3.40 | SAND | |
| 18.40 | 19.60 | 1.20 | SANDY CLAY | |

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|-------------------|----------------|----------------------|------------------|--|
| 19.60 | 24.00 | 4.40 | SAND | |
| 24.00 | 25.00 | 1.00 | CLAY | |
| 25.00 | 73.00 | 48.00 | SAND | |
| 73.00 | 89.00 | 16.00 | SANDY CLAY | |
| 89.00 | 93.00 | 4.00 | SAND | |
| 93.00 | 117.00 | 24.00 | SANDY CLAY | |
| 117.00 | 126.40 | 9.40 | CLAY | |
| 126.40 | 132.60 | 6.20 | LIGNITE | Lignite Mining is considered up to this depth |
| 132.60 | 142.40 | 9.80 | CLAY | |
| 142.40 | 143.20 | 0.80 | LIGNITE | |
| 143.20 | 149.60 | 6.40 | CLAY | |
| 149.60 | 152.00 | 2.40 | LIGNITE | |
| 152.00 | 171.20 | 19.20 | CLAY | |
| | | | | |
| BH :MRP 10 | | | | |
| SRL 62.61 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 0.50 | 0.50 | TOP SOIL | |
| 0.50 | 12.60 | 12.10 | SAND | |
| 12.60 | 13.60 | 1.00 | SANDY CLAY | |
| 13.60 | 23.00 | 9.40 | SAND | |
| 23.00 | 26.60 | 3.60 | CLAY | |
| 26.60 | 42.00 | 15.40 | SAND | |
| 42.00 | 47.00 | 5.00 | LIGNITE | |
| 47.00 | 48.00 | 1.00 | CARB CLAY | |
| 48.00 | 48.60 | 0.60 | LIGNITE | |
| 48.60 | 49.00 | 0.40 | CARB CLAY | |
| 49.00 | 50.40 | 1.40 | CLAY | |
| 50.40 | 51.40 | 1.00 | LIGNITE | |
| 51.40 | 79.70 | 28.30 | SANDY CLAY | |
| | | | | |
| BH :MRP 11 | | | | |
| SRL 58.27 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 4.00 | 4.00 | TOP SOIL | |
| 4.00 | 10.40 | 6.40 | SANDY CLAY | |
| 10.40 | 16.00 | 5.60 | SAND | |
| 16.00 | 18.00 | 2.00 | SANDY CLAY | |
| 18.00 | 46.00 | 28.00 | SAND | |
| 46.00 | 61.00 | 15.00 | SANDY CLAY | |

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|-------------------|----------------|----------------------|------------------|--|
| 61.00 | 78.20 | 17.20 | SAND | |
| 78.20 | 93.00 | 14.80 | CLAY | |
| 93.00 | 98.80 | 5.80 | LIGNITE | |
| 98.80 | 99.40 | 0.60 | CARB CLAY | |
| 99.40 | 101.60 | 2.20 | CARB SANDSTONE | |
| 101.60 | 112.40 | 10.80 | CLAY | |
| 112.40 | 113.00 | 0.60 | LIGNITE | |
| 113.00 | 115.00 | 2.00 | CLAY | |
| 115.00 | 115.80 | 0.80 | LIGNITE | |
| 115.80 | 121.00 | 5.20 | CLAY | |
| 121.00 | 121.60 | 0.60 | CARB CLAY | |
| 121.60 | 131.20 | 9.60 | CLAY | |
| 131.20 | 133.00 | 1.80 | LIGNITE | Lignite Mining is considered up to this depth |
| 133.00 | 134.00 | 1.00 | CLAY | |
| 134.00 | 134.80 | 0.80 | CARB CLAY | |
| 134.80 | 139.20 | 4.40 | CLAY | |
| 139.20 | 140.20 | 1.00 | LIGNITE | |
| 140.20 | 147.80 | 7.60 | SANDY CLAY | |
| 147.80 | 148.20 | 0.40 | LIGNITE | |
| 148.20 | 159.00 | 10.80 | CLAY | |
| | | | | |
| BH :MRP 12 | | | | |
| SRL 60.49 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 2.00 | 2.00 | TOP SOIL | |
| 2.00 | 24.00 | 22.00 | SAND | |
| 24.00 | 30.00 | 6.00 | SANDY CLAY | |
| 30.00 | 35.00 | 5.00 | CLAY | |
| 35.00 | 36.00 | 1.00 | CARB CLAY | |
| 36.00 | 42.00 | 6.00 | LIGNITE | |
| 42.00 | 43.00 | 1.00 | CLAY | |
| 43.00 | 43.80 | 0.80 | LIGNITE | |
| 43.80 | 44.40 | 0.60 | SAND | |
| 44.40 | 73.60 | 29.20 | CLAY | |
| | | | | |
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| BH :KBH-07 | | | | |
| SRL 56.00 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |

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|---------------|---------------|-------------|--------------------------|--|
| 0.00 | 16.90 | 16.90 | Top soil and silica sand | |
| 16.90 | 18.30 | 1.40 | Friable sandstone | |
| 18.30 | 53.50 | 35.20 | Silica sand | |
| 53.50 | 56.60 | 3.10 | Light and dark grey clay | |
| 56.60 | 59.50 | 2.90 | Silica sand | |
| 59.50 | 62.07 | 2.57 | Grey clay | |
| 62.07 | 62.50 | 0.43 | Lignite | |
| 62.50 | 62.93 | 0.43 | Carb clay | |
| 62.93 | 63.15 | 0.22 | Grey clay | |
| 63.15 | 68.05 | 4.90 | Silica sand | |
| 68.05 | 68.50 | 0.45 | greenish grey clay | |
| 68.50 | 81.85 | 13.35 | Silica sand | |
| 81.85 | 82.50 | 0.65 | grey clay | |
| 82.50 | 91.85 | 9.35 | Silica sand | |
| 91.85 | 92.50 | 0.65 | Grey clay | |
| 92.50 | 93.20 | 0.70 | Silica sand | |
| 93.20 | 94.03 | 0.83 | Grey clay | |
| 94.03 | 94.45 | 0.42 | Carb clay | |
| 94.45 | 96.14 | 1.69 | Grey clay | |
| 96.14 | 96.57 | 0.43 | Lignite | |
| 96.57 | 97.11 | 0.54 | Grey clay | |
| 97.11 | 97.43 | 0.32 | Lignite | |
| 97.43 | 98.07 | 0.64 | Grey clay | |
| 98.07 | 107.50 | 9.43 | Lignite | Lignite Mining is considered up to this depth |
| 107.50 | 108.36 | 0.86 | Carbonaceous shale | |
| 108.36 | 119.50 | 11.14 | Grey clay | |
| 119.50 | 120.14 | 0.64 | Carb clay | |
| 120.14 | 122.50 | 2.36 | Grey clay | |
| 122.50 | 124.11 | 1.61 | Carb clay | |
| 124.11 | 126.12 | 2.01 | Grey clay | |
| 126.12 | 126.95 | 0.83 | Carb clay | |
| 126.95 | 128.50 | 1.55 | Lignite | |
| 128.50 | 132.46 | 3.96 | Light and dark grey clay | |
| 132.46 | 132.89 | 0.43 | Lignite | |
| 132.89 | 136.36 | 3.47 | Light grey clay | |
| 136.36 | 139.71 | 3.35 | Lignite | |
| 139.71 | 152.40 | 12.69 | Light and dark grey clay | |
| 152.40 | 152.50 | 0.10 | Caly stone | |
| 152.50 | 154.32 | 1.82 | Grey clay | |

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|-------------------|----------------|----------------------|------------------------------------|--|
| 154.32 | 154.43 | 0.11 | Lignite | |
| 154.43 | 157.03 | 2.60 | Carb clay with resion | |
| 157.03 | 164.50 | 7.47 | Greyish clay | |
| 164.50 | 173.50 | 9.00 | White and grey clay with | |
| | | | | |
| BH :KBH-08 | | | | |
| SRL 57.25 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 26.05 | 26.05 | Top soil and Brownish | |
| 26.05 | 26.50 | 0.45 | Friable Sandstone | |
| 26.50 | 44.39 | 17.89 | Brownish medium to fine grain sand | |
| 44.39 | 44.50 | 0.11 | Friable Sandstone | |
| 44.50 | 64.15 | 19.65 | Brownish medium to fine grain sand | |
| 64.15 | 65.50 | 1.35 | Grey clay | |
| 65.50 | 71.50 | 6.00 | Brownish medium to fine grain sand | |
| 71.50 | 71.61 | 0.11 | Clay stone | |
| 71.61 | 71.83 | 0.22 | Grey sandy clay | |
| 71.83 | 72.05 | 0.22 | Clay stone | |
| 72.05 | 75.00 | 2.95 | Brownish medium to fine grain sand | |
| 75.00 | 75.72 | 0.72 | Dark grey clay with quartz pebbles | |
| 75.72 | 75.82 | 0.10 | Clay stone | |
| 75.82 | 76.64 | 0.82 | Darrk grey clay | |
| 76.64 | 77.30 | 0.66 | Lignite | |
| 77.30 | 77.50 | 0.20 | Black clay | |
| 77.50 | 78.50 | 1.00 | Dark grey clay | |
| 78.50 | 78.61 | 0.11 | Clay stone | |
| 78.61 | 79.30 | 0.69 | Dark grey clay | |
| 79.30 | 86.50 | 7.20 | Brownish medium to fine grain sand | |
| 86.50 | 86.82 | 0.32 | Dark grey clay | |
| 86.82 | 87.35 | 0.53 | Fractured clay stone | |
| 87.35 | 92.28 | 4.93 | Brownish medium to fine grain sand | |
| 92.28 | 92.50 | 0.22 | Clay stone | |
| 92.50 | 101.65 | 9.15 | Brownish medium to fine grain sand | |

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|-------------------|----------------|----------------------|---|--|
| 101.65 | 109.98 | 8.33 | Light and dark grey clay | |
| 109.98 | 117.68 | 7.70 | Lignite | |
| 117.68 | 118.00 | 0.32 | Carb clay | |
| 118.00 | 119.07 | 1.07 | Lignite | Lignite Mining is considered up to this depth |
| 119.07 | 133.00 | 13.93 | Light to dark and greenish clay | |
| 133.00 | 133.17 | 0.17 | Calcy stone | |
| 133.17 | 133.58 | 0.41 | Grey clay | |
| 133.58 | 133.69 | 0.11 | Clay stone | |
| 133.69 | 139.67 | 5.98 | Grey clay | |
| 139.67 | 140.11 | 0.44 | Lignite | |
| 140.11 | 144.54 | 4.43 | Grey clay | |
| 144.54 | 146.96 | 2.42 | Lignite | |
| 146.96 | 156.70 | 9.74 | Grey clay | |
| 156.70 | 164.28 | 7.58 | Greenish coloured medium to fine grain sand | |
| 164.28 | 164.50 | 0.22 | Clay stone | |
| | | | | |
| BH :KBH-09 | | | | |
| SRL 59.55 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 14.50 | 14.50 | Top soil/Reddish to brownish sand | |
| 14.50 | 18.36 | 3.86 | Light yellow and grey clay | |
| 18.36 | 18.47 | 0.11 | Ferruginous Sandstone | |
| 18.47 | 20.50 | 2.03 | Grey clay | |
| 20.50 | 21.02 | 0.52 | Ball clay | |
| 21.02 | 24.48 | 3.46 | Light yellow and grey clay | |
| 24.48 | 25.46 | 0.98 | Carbonaceous shale | |
| 25.46 | 32.10 | 6.64 | Lignite | |
| 32.10 | 32.50 | 0.40 | Dark grey clay with carb material | |
| 32.50 | 33.02 | 0.52 | Grey sandy clay | |
| 33.02 | 33.76 | 0.74 | Lignite | |

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|-------------------|----------------|----------------------|--|--|
| 33.76 | 34.50 | 0.74 | Grey clay with quartz pebbles | |
| 34.50 | 36.50 | 2.00 | Brownish coloured medium to fine grade sand | |
| 36.50 | 71.50 | 35.00 | Grey clay with red and yellow spots | |
| 71.50 | 74.50 | 3.00 | Verigated clay with spots | |
| 74.50 | 97.58 | 23.08 | Grey clay with red spot | |
| 97.58 | 100.00 | 2.42 | Greenish grey clay | |
| | | | | |
| BH :KBH-10 | | | | |
| SRL 64.22 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 4.95 | 4.95 | Top soil | |
| 4.95 | 6.04 | 1.09 | Sandy clay | |
| 6.04 | 12.57 | 6.53 | Ball clay | |
| 12.57 | 16.46 | 3.89 | Grey clay | |
| 16.46 | 17.01 | 0.55 | Lignite | |
| 17.01 | 22.97 | 5.96 | Grey clay | |
| 22.97 | 24.50 | 1.53 | Carbonaceous Shale | |
| 24.50 | 46.11 | 21.61 | Light grey clay | |
| 46.11 | 46.32 | 0.21 | Lignite | |
| 46.32 | 85.00 | 38.68 | Grey clay with red, yellow and whitish spots | |
| 85.00 | 90.65 | 5.65 | Reddish clay | |
| 90.65 | 95.15 | 4.50 | Greenish grey clay | |
| 95.15 | 104.50 | 9.35 | Grey clay | |
| 104.50 | 111.00 | 6.50 | Grey clay with yellow spot | |
| | | | | |
| BH :KBH-11 | | | | |
| SRL 61.52 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 2.50 | 2.50 | Top soil | |
| 2.50 | 3.70 | 1.20 | Brownish coloured sandy clay | |
| 3.70 | 26.05 | 22.35 | Reddish & Yellowish m/f grained sand | |

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|-------------------|----------------|----------------------|--|--|
| 26.05 | 26.50 | 0.45 | Reddish & Yellowish sand clay | |
| 26.50 | 37.60 | 11.10 | Reddish & Yellowish m/f grained sand | |
| 37.60 | 38.50 | 0.90 | Whitish coloured sandy clay | |
| 38.50 | 59.90 | 21.40 | Whitish and yellowish m/f grained sand | |
| 59.90 | 62.50 | 2.60 | Grey clay | |
| 62.50 | 67.40 | 4.90 | Whitish m/f grained sand | |
| 67.40 | 68.50 | 1.10 | Grey clay | |
| 68.50 | 111.95 | 43.45 | Whitish, Yellow m/f grained sand | |
| 111.95 | 114.05 | 2.10 | Grey clay | |
| 114.05 | 121.50 | 7.45 | Whitish, Yellow m/f grained sand | |
| 121.50 | 122.50 | 1.00 | Grey clay | |
| 122.50 | 125.50 | 3.00 | Whitish m/f grained sand | |
| 125.50 | 126.76 | 1.26 | Grey clay | |
| 126.76 | 127.03 | 0.27 | Lignite | |
| 127.03 | 131.50 | 4.47 | Grey clay | |
| 131.50 | 143.05 | 11.55 | Whitish m/f grained sand | |
| 143.05 | 143.50 | 0.45 | Grey clay | |
| 143.50 | 146.05 | 2.55 | Whitish m/f grained sand | |
| 146.05 | 146.90 | 0.85 | Grey clay | |
| 146.90 | 149.75 | 2.85 | Whitish m/f grained sand | |
| 149.75 | 152.50 | 2.75 | Grey clay | |
| 152.50 | 155.50 | 3.00 | Whitish m/f grained sand | |
| 155.50 | 164.50 | 9.00 | Grey clay | |
| 164.50 | 173.50 | 9.00 | Lignite | |
| 173.50 | 193.58 | 20.08 | Grey clay | |
| 193.58 | 193.92 | 0.34 | Lignite | |
| 193.92 | 200.00 | 6.08 | Grey clay | |
| | | | | |
| | | | | |
| BH :KBH-12 | | | | |
| SRL 64.22 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 2.00 | 2.00 | Top soil | |

| | | | | |
|-------------------|----------------|----------------------|--|--|
| 2.00 | 19.75 | 17.75 | Reddish and yellowish m/f grained sand | |
| 19.75 | 20.50 | 0.75 | Verigated clay | |
| 20.50 | 46.40 | 25.90 | Whitish and yellowish m/f grained sand | |
| 46.40 | 47.50 | 1.10 | Grey clay with carb matter | |
| 47.50 | 96.30 | 48.80 | Whitish and yellowish m/f grained sand | |
| 96.30 | 101.50 | 5.20 | Grey clay | |
| 101.50 | 106.40 | 4.90 | Whitish m/f grained sand | |
| 106.40 | 111.25 | 4.85 | Grey clay | |
| 111.25 | 116.15 | 4.90 | Whitish m/f grained sand | |
| 116.15 | 117.70 | 1.55 | Grey clay | |
| 117.70 | 122.50 | 4.80 | Whitish m/f grained sand | |
| 122.50 | 122.82 | 0.32 | Clay stone | |
| 122.82 | 137.50 | 14.68 | Whitish m/f grained sand | |
| 137.50 | 146.50 | 9.00 | Dark and Light grey clay | |
| 146.50 | 155.50 | 9.00 | Lignite | |
| 155.50 | 156.06 | 0.56 | Grey clay with carb matter | |
| 156.06 | 167.50 | 11.44 | Grey clay | |
| 167.50 | 167.94 | 0.44 | Clay stone | |
| 167.94 | 179.29 | 11.35 | Grey clay | |
| 179.29 | 179.71 | 0.42 | Lignite | |
| 179.71 | 181.46 | 1.75 | Grey clay | |
| 181.46 | 184.69 | 3.23 | Lignite | |
| 184.69 | 191.50 | 6.81 | Light grey clay | |
| | | | | |
| BH :KBH-13 | | | | |
| SRL 58.09 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 2.50 | 2.50 | Top soil | |
| 2.50 | 20.05 | 17.55 | Reddish & Yellowish m/f grained sand | |
| 20.05 | 20.50 | 0.45 | Light grey clay | |
| 20.50 | 52.20 | 31.70 | Yellow, red, white coloured m/f grained sand | |

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|---------------|---------------|-------------|--|--|
| 52.20 | 55.00 | 2.80 | Dark Grey clay | |
| 55.00 | 94.95 | 39.95 | Yellow, red, white coloured m/f grained sand | |
| 94.95 | 104.10 | 9.15 | Grey clay | |
| 104.10 | 105.95 | 1.85 | Yellow coloured m/f grained sand | |
| 105.95 | 108.46 | 2.51 | Grey clay | |
| 108.46 | 108.62 | 0.16 | Lignite | |
| 108.62 | 109.05 | 0.43 | Dark Grey clay | |
| 109.05 | 113.50 | 4.45 | Whitish coloured m/f grained sand | |
| 113.50 | 116.18 | 2.68 | Grey clay | |
| 116.18 | 116.72 | 0.54 | Clay stone | |
| 116.72 | 134.28 | 17.56 | Whitish, yellow, black m/f grained sand | |
| 134.28 | 134.50 | 0.22 | Clay stone | |
| 134.50 | 143.50 | 9.00 | Light and dark grey clay | |
| 143.50 | 149.50 | 6.00 | Lignite | |
| 149.50 | 149.72 | 0.22 | Black clay | |
| 149.72 | 150.15 | 0.43 | Grey clay with white spot | |
| 150.15 | 152.50 | 2.35 | Brownish coloured m/f grained sand | |
| 152.50 | 156.05 | 3.55 | Grey clay | |
| 156.05 | 157.90 | 1.85 | Friable sand stone | |
| 157.90 | 158.34 | 0.44 | Lignite | |
| 158.34 | 158.50 | 0.16 | Greenish grey clay | |
| 158.50 | 159.05 | 0.55 | Lignite | |
| 159.05 | 159.21 | 0.16 | Carb clay | |
| 159.21 | 160.08 | 0.87 | Grey clay | |
| 160.08 | 160.41 | 0.33 | Carb clay | |
| 160.41 | 161.06 | 0.65 | Grey clay | |
| 161.06 | 161.82 | 0.76 | Lignite | |
| 161.82 | 166.28 | 4.46 | Greenish grey clay | |
| 166.28 | 167.17 | 0.89 | Lignite | |
| 167.17 | 168.53 | 1.36 | Greenish grey clay | |
| 168.53 | 171.57 | 3.04 | Lignite | |
| 171.57 | 186.38 | 14.81 | Greenish grey clay | |
| 186.38 | 186.49 | 0.11 | Black clay | |
| 186.49 | 186.82 | 0.33 | Grey clay | |
| 186.82 | 186.98 | 0.16 | Lignite | |
| 186.98 | 197.50 | 10.52 | Grey and greenish grey clay | |
| 197.50 | 200.00 | 2.50 | Grey clay with white spot | |

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| BH :KBH-15 | | | | |
| SRL 52.04 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 2.50 | 2.50 | Top soil | |
| 2.50 | 14.50 | 12.00 | Yellowish sand | |
| 14.50 | 15.10 | 0.60 | Ferruginous Sandstone | |
| 15.10 | 19.95 | 4.85 | Yellowish coloured m/f grained sand | |
| 19.95 | 20.17 | 0.22 | Ferruginous Sandstone | |
| 20.17 | 20.71 | 0.54 | White, reddish and yellowish m/f sand | |
| 20.71 | 21.49 | 0.78 | Ferruginous Sandstone | |
| 21.49 | 24.95 | 3.46 | White, reddish and yellowish m/f sand | |
| 24.95 | 27.00 | 2.05 | Ferruginous Sandstone | |
| 27.00 | 44.50 | 17.50 | White, reddish and yellowish m/f sand | |
| 44.50 | 47.85 | 3.35 | Grey clay | |
| 47.85 | 51.90 | 4.05 | White & Blackish m/f sand | |
| 51.90 | 54.05 | 2.15 | grey clay | |
| 54.05 | 94.40 | 40.35 | White, reddish and yellowish m/f sand | |
| 94.40 | 110.50 | 16.10 | Grey clay | |
| 110.50 | 110.70 | 0.20 | Lignite | |
| 110.70 | 110.90 | 0.20 | Black clay with carb matter | |
| 110.90 | 111.21 | 0.31 | Dark grey clay | |
| 111.21 | 111.36 | 0.15 | Lignite | |
| 111.36 | 112.90 | 1.54 | Grey clay | |
| 112.90 | 115.95 | 3.05 | Yellow m/f grained sand | |
| 115.95 | 116.50 | 0.55 | Brownish sandy clay | |
| 116.50 | 119.50 | 3.00 | Yellow m/f grained sand | |
| 119.50 | 120.15 | 0.65 | Grey clay | |
| 120.15 | 122.50 | 2.35 | Yellow m/f grained sand | |
| 122.50 | 122.78 | 0.28 | Grey clay | |
| 122.78 | 128.50 | 5.72 | Whitish m/f graind sand | |
| 128.50 | 129.65 | 1.15 | Grey clay | |
| 129.65 | 136.80 | 7.15 | Brownish sand | |
| 136.80 | 136.96 | 0.16 | Clay stone | |
| 136.96 | 148.05 | 11.09 | Light and dark grey clay | |
| 148.05 | 156.55 | 8.50 | Lignite | |
| 156.55 | 158.50 | 1.95 | Grey clay sandy | |

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|-------------------|----------------|----------------------|---|--|
| 158.50 | 158.93 | 0.43 | Friable sandstone | |
| 158.93 | 159.47 | 0.54 | Grey clay | |
| 159.47 | 161.50 | 2.03 | Lignite | |
| 161.50 | 163.88 | 2.38 | Greenish grey clay | |
| 163.88 | 164.93 | 1.05 | Lignite | |
| 164.93 | 170.94 | 6.01 | Greenish grey clay | |
| 170.94 | 171.81 | 0.87 | Lignite | |
| 171.81 | 175.08 | 3.27 | Greenish grey clay | |
| 175.08 | 175.66 | 0.58 | Lignite | |
| 175.66 | 177.53 | 1.87 | Grey clay | |
| 177.53 | 178.56 | 1.03 | Reddish clay | |
| 178.56 | 178.77 | 0.21 | Lignite | |
| 178.77 | 179.50 | 0.73 | Clay stone | |
| 179.50 | 181.98 | 2.48 | Lignite | |
| 181.98 | 194.50 | 12.52 | Grey clay | |
| 194.50 | 200.00 | 5.50 | Greenish grey clay | |
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| BH :KBH-16 | | | | |
| SRL 43.79 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 5.05 | 5.05 | Top soil with yellow sand | |
| 5.05 | 28.65 | 23.60 | Whitish, yellowish, reddish coloured m/f sand | |
| 28.65 | 30.05 | 1.40 | Friable sandstone | |
| 30.05 | 35.50 | 5.45 | Yellow m/f grained sand | |
| 35.50 | 37.43 | 1.93 | Lignite | |
| 37.43 | 39.60 | 2.17 | Grey clay | |
| 39.60 | 50.05 | 10.45 | Whitish m/f sand | |
| 50.05 | 52.10 | 2.05 | grey clay | |
| 52.10 | 55.50 | 3.40 | Whitish m/f sand | |
| 55.50 | 57.50 | 2.00 | grey clay | |
| 57.50 | 62.50 | 5.00 | yellow and whitish m/f sand | |
| 62.50 | 65.50 | 3.00 | grey clay | |
| 65.50 | 104.83 | 39.33 | yellow and whitish m/f sand | |
| 104.83 | 105.70 | 0.87 | grey clay | |
| 105.70 | 107.50 | 1.80 | yellow and whitish m/f sand | |
| 107.50 | 113.50 | 6.00 | grey clay | |
| 113.50 | 116.50 | 3.00 | yellow and whitish m/f sand | |
| 116.50 | 118.10 | 1.60 | Dark grey clay | |

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| 118.10 | 119.50 | 1.40 | yellow and whitish m/f sand | |
| 119.50 | 122.20 | 2.70 | Dark grey clay | |
| 122.20 | 123.40 | 1.20 | yellow and whitish m/f sand | |
| 123.40 | 125.50 | 2.10 | Dark grey clay | |
| 125.50 | 140.50 | 15.00 | yellow and whitish m/f sand | |
| 140.50 | 143.50 | 3.00 | grey clay | |
| 143.50 | 145.30 | 1.80 | yellow and whitish m/f sand | |
| 145.30 | 148.61 | 3.31 | grey clay with yellow coloured altered bands | |
| 148.61 | 155.04 | 6.43 | Light grey clay | |
| 155.04 | 164.07 | 9.03 | Lignite | |
| 164.07 | 175.75 | 11.68 | grey clay | |
| 175.75 | 177.02 | 1.27 | Lignite | |
| 177.02 | 177.54 | 0.52 | grey clay | |
| 177.54 | 178.98 | 1.44 | Lignite | |
| 178.98 | 187.17 | 8.19 | grey clay | |
| 187.17 | 187.84 | 0.67 | Lignite | |
| 187.84 | 187.95 | 0.11 | clay stone | |
| 187.95 | 190.11 | 2.16 | Lignite | |
| 190.11 | 196.14 | 6.03 | light grey clay | |
| 196.14 | 199.58 | 3.44 | greenish grey clay | |
| 199.58 | 200.00 | 0.42 | grey clay | |
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| BH :KBH-17 | | | | |
| SRL 56.36 | | | | |
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| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 2.50 | 2.50 | Top soil | |
| 2.50 | 31.95 | 29.45 | Yellowish and reddish sand with quartz pebbles | |
| 31.95 | 34.17 | 2.22 | Verigated clay | |
| 34.17 | 36.14 | 1.97 | Grey clay | |
| 36.14 | 36.30 | 0.16 | Yellow coloured hard and compact clay | |
| 36.30 | 38.02 | 1.72 | Grey clay | |
| 38.02 | 38.23 | 0.21 | Yellow coloured hard and compact clay | |
| 38.23 | 42.15 | 3.92 | Grey clay | |
| 42.15 | 42.37 | 0.22 | Yellow coloured hard and compact clay | |
| 42.37 | 45.60 | 3.23 | Grey clay | |

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|-------------------|----------------|----------------------|---|--|
| 45.60 | 62.50 | 16.90 | whitish coloured m/f grained sand | |
| 62.50 | 65.50 | 3.00 | Grey clay | |
| 65.50 | 68.50 | 3.00 | whitish coloured m/f grained sand | |
| 68.50 | 69.25 | 0.75 | Grey clay | |
| 69.25 | 74.50 | 5.25 | yellowish with whitish coloured sand | |
| 74.50 | 80.82 | 6.32 | Light grey clay | |
| 80.82 | 88.06 | 7.24 | Lignite | |
| 88.06 | 97.88 | 9.82 | Grey and greenish clay | |
| 97.88 | 98.50 | 0.62 | Lignite | |
| 98.50 | 100.71 | 2.21 | Greenish grey clay | |
| 100.71 | 100.92 | 0.21 | Lignite | |
| 100.92 | 109.64 | 8.72 | Greenish grey clay | |
| 109.64 | 109.75 | 0.11 | Black clay with cm | |
| 109.75 | 110.29 | 0.54 | Lignite | |
| 110.29 | 110.50 | 0.21 | Greenish grey clay | |
| 110.50 | 111.02 | 0.52 | grey clay with carb matter | |
| 111.02 | 111.97 | 0.95 | Greenish grey clay | |
| 111.97 | 112.92 | 0.95 | grey clay with carb matter | |
| 112.92 | 113.91 | 0.99 | Lignite | |
| 113.91 | 114.22 | 0.31 | Greenish grey clay | |
| 114.22 | 115.57 | 1.35 | Lignite | |
| 115.57 | 122.50 | 6.93 | Grey clay | |
| 122.50 | 125.50 | 3.00 | sandy grey clay | |
| 125.50 | 134.50 | 9.00 | Grey clay with white spot | |
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| BH :KBH-18 | | | | |
| SRL 51.16 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 4.00 | 4.00 | Top sandy soil | |
| 4.00 | 6.89 | 2.89 | Medium to fine grained yellowish white sand | |
| 6.89 | 7.00 | 0.11 | Yellowish clay | |
| 7.00 | 9.89 | 2.89 | Medium to fine grained yellowish white sand | |
| 9.89 | 10.00 | 0.11 | Yellowish clay | |
| 10.00 | 12.61 | 2.61 | Medium to fine grained brownish white sand | |
| 12.61 | 13.00 | 0.39 | Sandstone | |

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|--------------|--------------|-------------|---|--|
| 13.00 | 15.42 | 2.42 | Medium to fine grained brownish white sand | |
| 15.42 | 16.00 | 0.58 | Sandstone | |
| 16.00 | 18.93 | 2.93 | Medium to fine grained brownish white sand | |
| 18.93 | 19.00 | 0.07 | Sandstone | |
| 19.00 | 23.55 | 4.55 | Medium to fine grained yellowish white sand | |
| 23.55 | 25.00 | 1.45 | Sandstone | |
| 25.00 | 33.77 | 8.77 | Fine to medium grained greyish white sand | |
| 33.77 | 34.00 | 0.23 | Sandy grey clay | |
| 34.00 | 36.36 | 2.36 | Fine to medium grained greyish white sand | |
| 36.36 | 37.00 | 0.64 | Sandy grey clay | |
| 37.00 | 39.53 | 2.53 | Fine to medium grained greyish white sand | |
| 39.53 | 40.00 | 0.47 | Sandy grey clay | |
| 40.00 | 42.62 | 2.62 | Fine to medium grained greyish white sand | |
| 42.62 | 43.00 | 0.38 | Sandy grey clay | |
| 43.00 | 45.71 | 2.71 | Fine to medium grained greyish white sand | |
| 45.71 | 46.00 | 0.29 | Sandy grey clay | |
| 46.00 | 51.71 | 5.71 | Fine to medium grained greyish white sand | |
| 51.71 | 52.00 | 0.29 | Sandy grey clay | |
| 52.00 | 54.30 | 2.30 | Fine to medium grained greyish white sand | |
| 54.30 | 55.00 | 0.70 | Sandy grey clay | |
| 55.00 | 56.92 | 1.92 | Fine to medium grained sand | |
| 56.92 | 58.00 | 1.08 | Grey clay | |
| 58.00 | 60.00 | 2.00 | Black clay | |
| 60.00 | 61.00 | 1.00 | Carb shale with lignite (intercalation) | |
| 61.00 | 67.79 | 6.79 | Lignite | |
| 67.79 | 68.05 | 0.26 | Black clay | |
| 68.05 | 69.23 | 1.18 | Lignite | |
| 69.23 | 73.00 | 3.77 | Grey clay | |
| 73.00 | 76.00 | 3.00 | Sandy grey clay | |
| 76.00 | 79.00 | 3.00 | Grey clay with carbo shale | |
| 79.00 | 80.59 | 1.59 | Sandy grey clay | |
| 80.59 | 82.00 | 1.41 | Grey clay | |
| 82.00 | 82.53 | 0.53 | Black clay | |

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| 82.53 | 83.72 | 1.19 | Grey clay | |
| 83.72 | 83.99 | 0.27 | Carbo shale | |
| 83.99 | 86.85 | 2.86 | Grey clay | |
| 86.85 | 87.13 | 0.28 | Carbo shale | |
| 87.13 | 87.88 | 0.75 | Grey clay | |
| 87.88 | 90.79 | 2.91 | Lignite | |
| 90.79 | 91.00 | 0.21 | Grey clay | |
| 91.00 | 92.18 | 1.18 | Whitish clay | |
| 92.18 | 92.67 | 0.49 | Black clay | |
| 92.67 | 94.00 | 1.33 | Grey clay | |
| 94.00 | 102.71 | 8.71 | Sandy grey clay | |
| 102.71 | 104.43 | 1.72 | Lignite | |
| 104.43 | 109.00 | 4.57 | Grey clay | |
| 109.00 | 112.84 | 3.84 | Black clay | |
| 112.84 | 118.00 | 5.16 | Grey colour sandy clay | |
| 118.00 | 119.79 | 1.79 | Grey clay | |
| 119.79 | 119.88 | 0.09 | Carbo shale | |
| 119.88 | 120.00 | 0.12 | Lignite | |
| 120.00 | 120.07 | 0.07 | Carbo shale | |
| 120.07 | 123.72 | 3.65 | Light grey clay | |
| 123.72 | 123.93 | 0.21 | Carbo shale | |
| 123.93 | 124.00 | 0.07 | Black clay | |
| 124.00 | 128.00 | 4.00 | Light grey clay | |
| 128.00 | 132.00 | 4.00 | Black clay | |
| 132.00 | 135.00 | 3.00 | Light grey clay | |
| 135.00 | 139.00 | 4.00 | Grey clay | |
| 139.00 | 141.76 | 2.76 | Light grey clay | |
| 141.76 | 141.91 | 0.15 | Variegated clay | |
| 141.91 | 142.84 | 0.93 | Light grey clay | |
| 142.84 | 144.00 | 1.16 | Black clay | |
| 144.00 | 147.02 | 3.02 | Light grey clay | |
| 147.02 | 147.28 | 0.26 | Lignite | |
| 147.28 | 148.00 | 0.72 | Black clay | |
| 148.00 | 180.00 | 32.00 | Light grey clay | |
| 180.00 | 180.22 | 0.22 | Dark grey clay | |
| 180.22 | 181.00 | 0.78 | Grey clay | |
| 181.00 | 187.00 | 6.00 | Reddish grey clay | |
| 187.00 | 193.00 | 6.00 | Light grey clay | |
| 193.00 | 200.00 | 7.00 | Greyish clay | |
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| BH :KBH - 20 | | | | |
| SRL 63.14 | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 1.00 | 1.00 | Top soil with conglomerate | |

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|--------|--------|-------|---|--|
| 1.00 | 10.00 | 9.00 | Reddish sand | |
| 10.00 | 21.83 | 11.83 | Medium grained sand | |
| 21.83 | 22.00 | 0.17 | Sandy clay | |
| 22.00 | 26.95 | 4.95 | Course to medium grained sand | |
| 26.95 | 28.00 | 1.05 | Sandy clay | |
| 28.00 | 39.93 | 11.93 | Fine grained yellowish sand | |
| 39.93 | 40.00 | 0.07 | Light grey clay | |
| 40.00 | 42.91 | 2.91 | Fine grained white sand | |
| 42.91 | 43.00 | 0.09 | Light grey clay | |
| 43.00 | 45.93 | 2.93 | Fine grained white sand | |
| 45.93 | 46.00 | 0.07 | Compact yellowish sand | |
| 46.00 | 51.57 | 5.57 | Fine grained white sand | |
| 51.57 | 51.88 | 0.31 | Fine grained compact sand with reddish yellow friable sandstone | |
| 51.88 | 52.66 | 0.78 | Dark grey clay | |
| 52.66 | 57.77 | 5.11 | Fine grained white sand | |
| 57.77 | 58.00 | 0.23 | Dark grey clay | |
| 58.00 | 60.47 | 2.47 | Fine grained white sand | |
| 60.47 | 61.00 | 0.53 | Coarse grained sandy clay with dark colour | |
| 61.00 | 63.47 | 2.47 | Fine grained white sand | |
| 63.47 | 64.00 | 0.53 | Loose compact white sand | |
| 64.00 | 66.92 | 2.92 | Medium to fine grained white sand | |
| 66.92 | 67.00 | 0.08 | Dark grey clay | |
| 67.00 | 93.51 | 26.51 | Fine to coarse grained greyish sand | |
| 93.51 | 94.00 | 0.49 | Grey clay | |
| 94.00 | 96.83 | 2.83 | Medium to fine grained greyish sand | |
| 96.83 | 97.00 | 0.17 | Grey clay | |
| 97.00 | 99.28 | 2.28 | Medium to fine grained greyish sand | |
| 99.28 | 100.00 | 0.72 | Grey clay | |
| 100.00 | 100.62 | 0.62 | Dark grey clay | |
| 100.62 | 100.88 | 0.26 | Variegated stone | |
| 100.88 | 101.11 | 0.23 | Greyish sandy clay | |
| 101.11 | 102.50 | 1.39 | Medium to fine grained greyish sand | |
| 102.50 | 103.00 | 0.50 | Greyish sandy clay | |
| 103.00 | 104.88 | 1.88 | Medium to fine grained greyish sand | |

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| 104.88 | 106.71 | 1.83 | Grey clay | |
| 106.71 | 107.49 | 0.78 | Medium to fine grained greyish sand | |
| 107.49 | 108.30 | 0.81 | Grey clay | |
| 108.30 | 108.53 | 0.23 | Lignite | |
| 108.53 | 109.00 | 0.47 | Dark grey clay | |
| 109.00 | 110.16 | 1.16 | Medium to fine grained greyish sand | |
| 110.16 | 112.00 | 1.84 | Greyish sandy clay | |
| 112.00 | 114.53 | 2.53 | Medium to fine grained greyish sand | |
| 114.53 | 115.00 | 0.47 | Sandy grey clay | |
| 115.00 | 117.44 | 2.44 | Fine grained greyish sand | |
| 117.44 | 118.00 | 0.56 | Sandy grey clay | |
| 118.00 | 120.86 | 2.86 | Medium to fine grained greyish sand | |
| 120.86 | 121.00 | 0.14 | Sandy grey clay | |
| 121.00 | 122.38 | 1.38 | Medium to fine grained greyish sand | |
| 122.38 | 122.61 | 0.23 | Variegated stone | |
| 122.61 | 126.56 | 3.95 | Medium to fine grained greyish sand | |
| 126.56 | 127.00 | 0.44 | Sandy grey clay | |
| 127.00 | 129.78 | 2.78 | Medium to fine grained greyish sand | |
| 129.78 | 130.47 | 0.69 | Sandy grey clay | |
| 130.47 | 132.80 | 2.33 | Fine grained greyish sand | |
| 132.80 | 133.40 | 0.60 | Sandy grey clay | |
| 133.40 | 134.48 | 1.08 | Fine grained greyish sand | |
| 134.48 | 136.19 | 1.71 | Dark grey clay | |
| 136.19 | 139.00 | 2.81 | Ball clay | |
| 139.00 | 141.00 | 2.00 | Grey clay | |
| 141.00 | 141.73 | 0.73 | Ball clay | |
| 141.73 | 143.33 | 1.60 | Grey clay | |
| 143.33 | 143.71 | 0.38 | Black clay | |
| 143.71 | 151.52 | 7.81 | Lignite | |
| 151.52 | 151.98 | 0.46 | Medium to coarse grained black sand | |
| 151.98 | 152.98 | 1.00 | Medium to coarse grained light grey sand | |
| 152.98 | 156.00 | 3.02 | Grey clay | |
| 156.00 | 160.00 | 4.00 | Fine grained sandy ball clay | |

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|-------------------|---------------|----------------------|---|--|
| 160.00 | 174.53 | 14.53 | Grey clay | |
| 174.53 | 178.00 | 3.47 | Lignite | |
| 178.00 | 184.00 | 6.00 | Grey clay | |
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| BH :KBH-21 | | | | |
| SRL 72.51 | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 1.00 | 1.00 | Top soil | |
| 1.00 | 5.14 | 4.14 | Reddish coarse grained sandy soil | |
| 5.14 | 5.50 | 0.36 | Clayey | |
| 5.50 | 7.94 | 2.44 | Reddish coarse grained sandy soil | |
| 7.94 | 8.50 | 0.56 | Clayey | |
| 8.50 | 44.50 | 36.00 | Medium to fine grained reddish white sand | |
| 44.50 | 73.54 | 29.04 | Fine to medium grained yellowish white sand | |
| 73.54 | 74.01 | 0.47 | Grey clay | |
| 74.01 | 74.43 | 0.42 | Light coloured black clay | |
| 74.43 | 74.50 | 0.07 | Grey clay | |
| 74.50 | 100.56 | 26.06 | Medium to fine grained reddish white sand | |
| 100.56 | 101.42 | 0.86 | Fine grained clayey sand | |
| 101.42 | 101.50 | 0.08 | Grey clay | |
| 101.50 | 102.40 | 0.90 | Medium to fine grained sand | |
| 102.40 | 104.50 | 2.10 | Grey clay | |
| 104.50 | 105.52 | 1.02 | Medium to fine grained greyish sand | |
| 105.52 | 107.50 | 1.98 | Dark grey clay | |
| 107.50 | 108.10 | 0.60 | Dark grey clay | |
| 108.10 | 108.18 | 0.08 | Variegated stone | |
| 108.18 | 110.37 | 2.19 | Fine to medium grained yellowish sand | |
| 110.37 | 110.50 | 0.13 | Greyish sandy clay | |
| 110.50 | 112.84 | 2.34 | Fine to medium grained yellowish sand | |
| 112.84 | 113.27 | 0.43 | Dark grey clay | |
| 113.27 | 113.50 | 0.23 | Variegated stone | |
| 113.50 | 115.80 | 2.30 | Medium to fine grained greyish sand | |
| 115.80 | 115.85 | 0.05 | Variegated stone | |

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|---------------|---------------|-------------|---|--|
| 115.85 | 116.34 | 0.49 | Dark grey clay | |
| 116.34 | 116.50 | 0.16 | Variegated stone | |
| 116.50 | 117.22 | 0.72 | Greyish sandy clay | |
| 117.22 | 118.47 | 1.25 | Grey clay | |
| 118.47 | 119.50 | 1.03 | Greyish fine to medium grained sandy clay | |
| 119.50 | 121.24 | 1.74 | Medium to fine grained greyish sand | |
| 121.24 | 122.38 | 1.14 | Grey clay | |
| 122.38 | 122.50 | 0.12 | Variegated stone | |
| 122.50 | 128.36 | 5.86 | Medium to fine grained yellowish grey sand | |
| 128.36 | 128.50 | 0.14 | Grey clay | |
| 128.50 | 130.97 | 2.47 | Medium to fine grained yellowish grey sand | |
| 130.97 | 131.44 | 0.47 | Medium to fine grained clayey sand | |
| 131.44 | 131.50 | 0.06 | Variegated stone | |
| 131.50 | 132.60 | 1.10 | Medium to fine grained greyish sand | |
| 132.60 | 133.50 | 0.90 | Medium to fine grained greyish clayey sand | |
| 133.50 | 133.62 | 0.12 | Variegated stone | |
| 133.62 | 134.50 | 0.88 | Medium to fine grained greyish clayey sand | |
| 134.50 | 140.13 | 5.63 | Medium grained greyish sand | |
| 140.13 | 140.50 | 0.37 | Medium to fine grained sandy clay | |
| 140.50 | 140.75 | 0.25 | Medium to fine grained yellowish white sand | |
| 140.75 | 141.04 | 0.29 | Grey clay | |
| 141.04 | 141.19 | 0.15 | Variegated stone | |
| 141.19 | 143.07 | 1.88 | Grey clay | |
| 143.07 | 148.38 | 5.31 | Ball clay | |
| 148.38 | 149.50 | 1.12 | Grey clay | |
| 149.50 | 157.57 | 8.07 | Lignite | |
| 157.57 | 159.19 | 1.62 | Medium to coarse grained greyish black | |
| 159.19 | 160.05 | 0.86 | Medium to coarse grained greyish sand | |
| 160.05 | 161.50 | 1.45 | Greyish sandy clay | |
| 161.50 | 175.94 | 14.44 | Grey clay | |
| 175.94 | 176.36 | 0.42 | Lignite | |
| 176.36 | 178.65 | 2.29 | Grey clay | |

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|---------------------|---------------|----------------------|--|--|
| 178.65 | 181.23 | 2.58 | Lignite | |
| 181.23 | 182.50 | 1.27 | Grey clay | |
| 182.50 | 183.48 | 0.98 | Ball clay | |
| 183.48 | 184.11 | 0.63 | Grey clay | |
| 184.11 | 184.40 | 0.29 | Ball clay | |
| 184.40 | 185.50 | 1.10 | Grey clay | |
| | | | | |
| BH :KBH - 22 | | | | |
| SRL 60.32 | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 2.50 | 2.50 | Top soil | |
| 2.50 | 4.00 | 1.50 | Coarse grian Sand with clay | |
| 4.00 | 11.50 | 7.50 | Fine grain reddish brown sand | |
| 11.50 | 34.65 | 23.15 | Fine grian Yellowish Sand | |
| 34.65 | 35.95 | 1.30 | Light brown & greyish clay | |
| 35.95 | 37.78 | 1.83 | Fine grian Yellowish red Sand | |
| 37.78 | 38.50 | 0.72 | Light brown & yellow clay | |
| 38.50 | 43.41 | 4.91 | Fine grian Yellowish Sand | |
| 43.41 | 44.29 | 0.88 | Light brown & greyish clay | |
| 44.29 | 44.50 | 0.21 | Black clay | |
| 44.50 | 45.22 | 0.72 | Dark Grey Clay | |
| 45.22 | 55.34 | 10.12 | Fine grian Yellowish Sand | |
| 55.34 | 56.50 | 1.16 | Grey Clay | |
| 56.50 | 65.50 | 9.00 | Fine grian Yellowish grey Sand | |
| 65.50 | 75.47 | 9.97 | medium to Fine grian Yellowish grey Sand | |
| 75.47 | 77.50 | 2.03 | Dark Grey Clay | |
| 77.50 | 98.12 | 20.62 | Fine grian grayish Sand | |
| 98.12 | 98.50 | 0.38 | Grey sandyClay | |
| 98.50 | 114.54 | 16.04 | Fine grian Yellowish grey Sand | |
| 114.54 | 117.50 | 2.96 | Grey sandyClay | |
| 117.50 | 118.60 | 1.10 | Fine grian grayish yellow Sand | |

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|---------------------|---------------|----------------------|---------------------------|--|
| 118.60 | 118.66 | 0.06 | Hard Clay | |
| 118.66 | 126.25 | 7.59 | Grey sandyClay | |
| 126.25 | 126.30 | 0.05 | Hard Clay | |
| 126.30 | 128.19 | 1.89 | Grey Clay | |
| 128.19 | 128.25 | 0.06 | Hard Clay | |
| 128.25 | 128.44 | 0.19 | Grey Clay | |
| 128.44 | 128.55 | 0.11 | Compact clay | |
| 128.55 | 129.66 | 0.00 | Grey sand | |
| 129.66 | 130.63 | 0.97 | Grey Clay | |
| 130.63 | 130.78 | 0.15 | Lignite | |
| 130.78 | 135.20 | 4.42 | Greyish sandy clay | |
| 135.20 | 137.45 | 2.25 | Grey sand | |
| 137.45 | 137.50 | 0.05 | Hard Clay | |
| 137.50 | 152.50 | 15.00 | Grey sand | |
| 152.50 | 155.50 | 3.00 | Grey clay | |
| 155.50 | 157.95 | 2.45 | Grey sand | |
| 157.95 | 164.78 | 6.83 | Grey Clay | |
| 164.78 | 164.95 | 0.17 | Carb shale | |
| 164.95 | 173.67 | 8.72 | Lignite | |
| 173.67 | 174.92 | 1.25 | Black sandy clay | |
| 174.92 | 190.57 | 15.65 | Grey clay | |
| 190.57 | 190.76 | 0.19 | Lignite | |
| 190.76 | 191.26 | 0.50 | Grey Clay | |
| 191.26 | 191.90 | 0.64 | Lignite | |
| 191.90 | 196.36 | 4.46 | Grey Clay | |
| 196.36 | 196.75 | 0.39 | Lignite | |
| 196.75 | 199.49 | 2.74 | Grey Clay | |
| 199.49 | 199.84 | 0.35 | Carb clay | |
| 199.84 | 201.34 | 1.50 | Grey Clay | |
| 201.34 | 201.66 | 0.32 | Carb clay | |
| 201.66 | 203.08 | 1.42 | Lignite | |
| 203.08 | 206.40 | 3.32 | Grey Clay | |
| | | | | |
| BH :KBH - 23 | | | | |
| SRL 55.03 | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 7.00 | 7.00 | Top Soil | |
| 7.00 | 10.00 | 3.00 | F/m Reddish sand | |
| 10.00 | 16.00 | 6.00 | F/m Yellowish sand | |
| 16.00 | 43.00 | 27.00 | Medium grain Reddish sand | |
| 43.00 | 60.64 | 17.64 | Medium grain Whitish sand | |
| 60.64 | 61.00 | 0.36 | Sandy grey clay | |

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|---------------|---------------|-------------|-------------------------------------|--|
| 61.00 | 75.85 | 14.85 | Medium grain yellowish/Whitish sand | |
| 75.85 | 76.00 | 0.15 | Sandy grey clay | |
| 76.00 | 78.85 | 2.85 | Fine grain white sand | |
| 78.85 | 79.00 | 0.15 | Sandy grey clay | |
| 79.00 | 81.72 | 2.72 | Fine grain greyish white sand | |
| 81.72 | 82.00 | 0.28 | Sandy grey clay | |
| 82.00 | 84.55 | 2.55 | Fine grain greyish white sand | |
| 84.55 | 85.00 | 0.45 | Sandy grey clay | |
| 85.00 | 87.40 | 2.40 | Fine grain greyish white sand | |
| 87.40 | 88.00 | 0.60 | Sandy grey clay | |
| 88.00 | 90.55 | 2.55 | Fine grain greyish white sand | |
| 90.55 | 93.75 | 3.20 | Sandy grey clay | |
| 93.75 | 93.84 | 0.09 | Hard Clay | |
| 93.84 | 95.43 | 1.59 | Grey clay | |
| 95.43 | 95.68 | 0.25 | Hard Clay | |
| 95.68 | 97.00 | 1.32 | Grey clay | |
| 97.00 | 99.40 | 2.40 | Fine grain white sand | |
| 99.40 | 100.00 | 0.60 | Sandy grey clay | |
| 100.00 | 102.44 | 2.44 | Fine grain sand | |
| 102.44 | 103.00 | 0.56 | Sandy grey clay | |
| 103.00 | 105.73 | 2.73 | Fine grain sand | |
| 105.73 | 106.00 | 0.27 | Sandy grey clay | |
| 106.00 | 108.83 | 2.83 | Fine grain sand | |
| 108.83 | 109.00 | 0.17 | Sandy grey clay | |
| 109.00 | 111.73 | 2.73 | Fine grain sand | |
| 111.73 | 112.00 | 0.27 | Sandy grey clay | |
| 112.00 | 114.83 | 2.83 | Fine grain sand | |
| 114.83 | 115.00 | 0.17 | Sandy grey clay | |
| 115.00 | 124.42 | 9.42 | Greenish grey clay | |
| 124.42 | 124.51 | 0.09 | Carb Shale | |
| 124.51 | 131.90 | 7.39 | Lignite | |
| 131.90 | 133.00 | 1.10 | Grey clay | |
| 133.00 | 136.00 | 3.00 | Sandy grey clay | |
| 136.00 | 138.72 | 2.72 | Greenish grey clay | |
| 138.72 | 138.91 | 0.19 | Carb Shale | |
| 138.91 | 139.39 | 0.48 | Lignite | |
| 139.39 | 139.48 | 0.09 | Carb Shale | |
| 139.48 | 142.39 | 2.91 | Greenish grey clay | |
| 142.39 | 142.57 | 0.18 | Lignite | |
| 142.57 | 145.64 | 3.07 | Greenish grey clay | |
| 145.64 | 145.86 | 0.22 | Black clay | |

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|---------------------|---------------|----------------------|-----------------------------------|--|
| 145.86 | 148.00 | 2.14 | Lignite | |
| 148.00 | 156.03 | 8.03 | Greenish grey clay | |
| 156.03 | 156.21 | 0.18 | Hard Clay | |
| 156.21 | 157.00 | 0.79 | Dark grey clay | |
| 157.00 | 160.00 | 3.00 | Hard grey clay | |
| 160.00 | 162.04 | 2.04 | Greenish grey clay | |
| 162.04 | 163.00 | 0.96 | Sandy Greenish clay | |
| | | | | |
| BH :KBH - 25 | | | | |
| SRL 53.87 | | | | |
| | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 1.50 | 1.50 | Top Soil | |
| 1.50 | 17.20 | 15.70 | Fine grain yellowish sand | |
| 17.20 | 17.35 | 0.15 | Friable Sandstone | |
| 17.35 | 35.50 | 18.15 | Fine grain yellowish sand | |
| 35.50 | 36.75 | 1.25 | Sandy Variegated Clay | |
| 36.75 | 38.13 | 1.38 | Grey clay | |
| 38.13 | 38.23 | 0.10 | Hard Clay | |
| 38.23 | 38.50 | 0.27 | Grey clay | |
| 38.50 | 40.32 | 1.82 | Greyish White Sand | |
| 40.32 | 41.50 | 1.18 | Grey clay | |
| 41.50 | 44.15 | 2.65 | Greyish White Sand | |
| 44.15 | 44.50 | 0.35 | Sandy greyClay | |
| 44.50 | 46.98 | 2.48 | Fine grain greyish sand | |
| 46.98 | 47.50 | 0.52 | Greyish clay | |
| 47.50 | 47.60 | 0.10 | Hard Clay | |
| 47.60 | 65.50 | 17.90 | Fine grain greyish sand | |
| 65.50 | 76.77 | 11.27 | M/f white sand | |
| 76.77 | 77.50 | 0.73 | Dark Grey clay | |
| 77.50 | 78.29 | 0.79 | Fine grain greyish sand | |
| 78.29 | 78.47 | 0.18 | Sandy Hard Clay | |
| 78.47 | 79.07 | 0.60 | Grey Clay | |
| 79.07 | 79.18 | 0.11 | Hard Clay | |
| 79.18 | 80.05 | 0.87 | Grey Clay | |
| 80.05 | 80.20 | 0.15 | Hard Clay | |
| 80.20 | 80.50 | 0.30 | Grey Clay | |
| 80.50 | 80.82 | 0.32 | Medium to fine Greyish white sand | |
| 80.82 | 82.14 | 1.32 | Grey Clay | |
| 82.14 | 82.23 | 0.09 | Hard Clay | |
| 82.23 | 82.71 | 0.48 | Grey Clay | |

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|---------------|---------------|-------------|-----------------------------------|--|
| 82.71 | 82.85 | 0.14 | Hard Clay | |
| 82.85 | 83.40 | 0.55 | Grey Clay | |
| 83.40 | 83.50 | 0.10 | Hard Clay | |
| 83.50 | 84.40 | 0.90 | sandy Grey Clay | |
| 84.40 | 84.97 | 0.57 | Medium to fine Greyish white sand | |
| 84.97 | 86.50 | 1.53 | sandy Grey Clay | |
| 86.50 | 87.05 | 0.55 | Medium to fine Greyish white sand | |
| 87.05 | 89.50 | 2.45 | Grey Clay with hard clay | |
| 89.50 | 90.65 | 1.15 | Medium to fine Greyish white sand | |
| 90.65 | 91.15 | 0.50 | Grey Clay | |
| 91.15 | 91.30 | 0.15 | Crab Clay | |
| 91.30 | 91.90 | 0.60 | Lignite | |
| 91.90 | 92.50 | 0.60 | Grey Clay | |
| 92.50 | 109.73 | 17.23 | Medium to fine Grey sand | |
| 109.73 | 110.03 | 0.30 | Grey Clay | |
| 110.03 | 110.14 | 0.11 | Hard Clay | |
| 110.14 | 111.30 | 1.16 | Grey Clay with hard clay | |
| 111.30 | 115.90 | 4.60 | Medium to fine Greyish white sand | |
| 115.90 | 116.64 | 0.74 | Grey Clay with hard clay | |
| 116.64 | 125.02 | 8.38 | Light grey Clay | |
| 125.02 | 125.50 | 0.48 | Dark grey clay | |
| 125.50 | 125.59 | 0.09 | Black Clay | |
| 125.59 | 132.35 | 6.76 | Lignite | |
| 132.35 | 133.15 | 0.80 | Black sandy Clay | |
| 133.15 | 134.25 | 1.10 | Coarse grian sand | |
| 134.25 | 134.50 | 0.25 | Sandy clay | |
| 134.50 | 135.31 | 0.81 | Grey Clay | |
| 135.31 | 137.83 | 2.52 | Black Clay | |
| 137.83 | 138.63 | 0.80 | Lignite | |
| 138.63 | 138.89 | 0.26 | Black Clay | |
| 138.89 | 143.37 | 4.48 | Greenish Clay | |
| 143.37 | 143.50 | 0.13 | Crab Clay | |
| 143.50 | 147.43 | 3.93 | Greenish Clay | |
| 147.43 | 147.65 | 0.22 | Crab Clay | |
| 147.65 | 147.74 | 0.09 | Lignite | |
| 147.74 | 148.02 | 0.28 | Black Clay | |
| 148.02 | 149.99 | 1.97 | Lignite | |
| 149.99 | 154.66 | 4.67 | Light grey Clay | |
| 154.66 | 158.50 | 3.84 | Black Clay | |
| 158.50 | 167.50 | 9.00 | Greenish Clay | |
| | | | | |

| BH :KBH - 26 | | | |
|---------------------|-----------|----------------------|-------------------------------------|
| SRL 59.94 | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY |
| FROM (M.) | To | | |
| 0.00 | 1.50 | 1.50 | Top soil |
| 1.50 | 17.10 | 15.60 | Reddish Fine grain sand |
| 17.10 | 17.50 | 0.40 | Verigated clay |
| 17.50 | 19.28 | 1.78 | Reddish Fine grain sand |
| 19.28 | 20.50 | 1.22 | Verigated clay |
| 20.50 | 26.50 | 6.00 | Reddish Fine grain sand |
| 26.50 | 58.36 | 31.86 | Yellowish fine to medium grain sand |
| 58.36 | 59.50 | 1.14 | Verigated clay |
| 59.50 | 60.47 | 0.97 | Reddish Fine grain sand |
| 60.47 | 61.03 | 0.56 | Grey Clay |
| 61.03 | 61.12 | 0.09 | Hard Clay |
| 61.12 | 63.24 | 2.12 | Grey Clay |
| 63.24 | 63.40 | 0.16 | Hard Clay |
| 63.40 | 65.50 | 2.10 | Grey Clay |
| 65.50 | 67.28 | 1.78 | Medium to fine Grey sand |
| 67.28 | 67.87 | 0.59 | Sandy Grey Clay |
| 67.87 | 67.93 | 0.06 | Hard Clay |
| 67.93 | 68.10 | 0.17 | Grey Clay |
| 68.10 | 68.20 | 0.10 | Hard Clay |
| 68.20 | 68.50 | 0.30 | Grey Clay |
| 68.50 | 69.61 | 1.11 | Medium to fine Grey sand |
| 69.61 | 70.74 | 1.13 | Grey Clay |
| 70.74 | 70.83 | 0.09 | Hard Clay |
| 70.83 | 71.50 | 0.67 | Grey Clay |
| 71.50 | 81.12 | 9.62 | Medium to fine Grey sand |
| 81.12 | 83.50 | 2.38 | Sandy black clay |
| 83.50 | 86.50 | 3.00 | Grey Clay |
| 86.50 | 88.50 | 2.00 | Medium to fine Grey sand |
| 88.50 | 89.87 | 1.37 | Grey Clay |
| 89.87 | 89.96 | 0.09 | Hard Clay |
| 89.96 | 91.87 | 1.91 | Grey Clay |
| 91.87 | 103.13 | 11.26 | Light grey Clay |
| 103.13 | 103.49 | 0.36 | Crab Clay |

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|---------------------|---------------|----------------------|-------------------------------|--|
| 103.49 | 110.24 | 6.75 | Lignite | |
| 110.24 | 110.87 | 0.63 | Grey Clay with Cab matter | |
| 110.87 | 111.31 | 0.44 | Lignite | |
| 111.31 | 117.10 | 5.79 | Sandy Grey Clay | |
| 117.10 | 117.22 | 0.12 | Hard Clay | |
| 117.22 | 118.06 | 0.84 | Grey Clay with Cab matter | |
| 118.06 | 118.15 | 0.09 | Hard Clay | |
| 118.15 | 121.82 | 3.67 | Sandy geenish Clay | |
| 121.82 | 122.12 | 0.30 | Black Clay | |
| 122.12 | 122.71 | 0.59 | Lignite | |
| 122.71 | 122.82 | 0.11 | Black Clay | |
| 122.82 | 127.22 | 4.40 | Greenish Clay | |
| 127.22 | 127.41 | 0.19 | Lignite | |
| 127.41 | 127.48 | 0.07 | Crab Clay | |
| 127.48 | 129.81 | 2.33 | Greenish Clay | |
| 129.81 | 130.27 | 0.46 | Black Clay | |
| 130.27 | 131.50 | 1.23 | Greenish Clay | |
| 131.50 | 131.99 | 0.49 | Black Clay | |
| 131.99 | 133.23 | 1.24 | Lignite | |
| 133.23 | 133.42 | 0.19 | Black Clay | |
| 133.42 | 134.50 | 1.08 | Lignite | Lignite Mining is considered up to this depth |
| 134.50 | 134.78 | 0.28 | Black Clay | |
| 134.78 | 137.50 | 2.72 | Greenish Clay | |
| | | | | |
| BH :KBH - 27 | | | | |
| SRL 54.03 | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 1.00 | 1.00 | Top soil | |
| 1.00 | 18.83 | 17.83 | Fine grian Yellowish red Sand | |
| 18.83 | 19.00 | 0.17 | Yellowish Sandy Clay | |
| 19.00 | 21.77 | 2.77 | Fine grian Yellowish red Sand | |
| 21.77 | 22.00 | 0.23 | Yellowish Sandy Clay | |
| 22.00 | 24.74 | 2.74 | Fine grian Yellowish red Sand | |
| 24.74 | 25.00 | 0.26 | Yellowish Sandy Clay | |

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| 25.00 | 27.78 | 2.78 | Fine grian Yellowish red Sand | |
| 27.78 | 28.00 | 0.22 | Yellowish Sandy Clay | |
| 28.00 | 30.65 | 2.65 | Fine grian Yellowish red Sand | |
| 30.65 | 31.00 | 0.35 | Frible SST | |
| 31.00 | 45.17 | 14.17 | Fine grian Yellowish white Sand | |
| 45.17 | 45.73 | 0.56 | Light brownish clay | |
| 45.73 | 46.00 | 0.27 | Grey Clay | |
| 46.00 | 47.64 | 1.64 | Fine grian white Sand | |
| 47.64 | 48.07 | 0.43 | Light Grey Clay | |
| 48.07 | 49.00 | 0.93 | Dark Grey sandyClay | |
| 49.00 | 51.51 | 2.51 | Fine grian grayish Sand | |
| 51.51 | 52.00 | 0.49 | Dark Grey sandyClay | |
| 52.00 | 54.53 | 2.53 | Fine grian grayish white Sand | |
| 54.53 | 55.00 | 0.47 | Dark Grey sandyClay | |
| 55.00 | 57.69 | 2.69 | Fine grian grayish white Sand | |
| 57.69 | 58.00 | 0.31 | Dark Grey sandyClay | |
| 58.00 | 60.52 | 2.52 | Fine grain Greyish sand | |
| 60.52 | 61.00 | 0.48 | Dark Grey sandyClay | |
| 61.00 | 63.90 | 2.90 | Fine grain Greyish white sand | |
| 63.90 | 64.00 | 0.10 | Grey Sandy Clay | |
| 64.00 | 66.83 | 2.83 | Fine grain Greyish sand | |
| 66.83 | 67.00 | 0.17 | Grey Sandy Clay | |
| 67.00 | 69.83 | 2.83 | Fine grain Greyish sand | |
| 69.83 | 70.00 | 0.17 | Grey Sandy Clay | |
| 70.00 | 72.77 | 2.77 | Fine grian Yellowish Sand | |
| 72.77 | 73.00 | 0.23 | Grey Sandy Clay | |
| 73.00 | 75.65 | 2.65 | Fine grian Yellowish Sand | |
| 75.65 | 76.00 | 0.35 | Grey Sandy Clay | |
| 76.00 | 93.84 | 17.84 | Medium Fine grian grayish white Sand | |
| 93.84 | 94.00 | 0.16 | Grey Sandy Clay | |
| 94.00 | 94.54 | 0.54 | Fine grian grayish white Sand | |
| 94.54 | 95.88 | 1.34 | Grey Sandy Clay | |
| 95.88 | 97.00 | 1.12 | Dark Grey Clay | |
| 97.00 | 99.38 | 2.38 | Medium to Fine grian grayish Sand | |
| 99.38 | 100.00 | 0.62 | Grey Sandy Clay | |

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|---------------|---------------|-------------|-------------------------------------|--|
| 100.00 | 102.28 | 2.28 | Medium to Fine grian grayish Sand | |
| 102.28 | 102.86 | 0.58 | Dark Grey sandyClay | |
| 102.86 | 102.93 | 0.07 | Hard Clay | |
| 102.93 | 103.72 | 0.79 | Dark Grey sandyClay | |
| 103.72 | 103.84 | 0.12 | Hard Clay | |
| 103.84 | 104.42 | 0.58 | Dark Grey Clay | |
| 104.42 | 106.00 | 1.58 | medium to coarse grian grayish Sand | |
| 106.00 | 106.71 | 0.71 | Dark Grey sandyClay | |
| 106.71 | 106.85 | 0.14 | Hard Clay | |
| 106.85 | 107.28 | 0.43 | Dark Grey sandyClay | |
| 107.28 | 108.93 | 1.65 | medium to coarse grian grayish Sand | |
| 108.93 | 109.00 | 0.07 | Dark Grey sandyClay | |
| 109.00 | 110.85 | 1.85 | medium to fine grian grayish Sand | |
| 110.85 | 111.94 | 1.09 | Dark Grey sandyClay | |
| 111.94 | 112.00 | 0.06 | Hard Clay | |
| 112.00 | 112.10 | 0.10 | Dark Grey sandyClay | |
| 112.10 | 113.36 | 1.26 | medium to fine grian grayish Sand | |
| 113.36 | 115.00 | 1.64 | Dark Grey sandyClay | |
| 115.00 | 117.90 | 2.90 | medium to fine grian grayish Sand | |
| 117.90 | 118.00 | 0.10 | Dark Grey sandyClay | |
| 118.00 | 129.84 | 11.84 | medium to fine grian grayish Sand | |
| 129.84 | 130.00 | 0.16 | Grey sandyClay | |
| 130.00 | 132.90 | 2.90 | medium to fine grian grayish Sand | |
| 132.90 | 133.00 | 0.10 | Grey Sandy Clay | |
| 133.00 | 135.08 | 2.08 | medium to fine grian grayish Sand | |
| 135.08 | 136.00 | 0.92 | Grey Sandy Clay | |
| 136.00 | 138.86 | 2.86 | fine grian grayish Sand | |
| 138.86 | 139.00 | 0.14 | Grey Sandy Clay | |
| 139.00 | 141.81 | 2.81 | fine grian grayish Sand | |
| 141.81 | 148.00 | 6.19 | Greenish Clay | |
| 148.00 | 148.89 | 0.89 | Black clay | |
| 148.89 | 149.15 | 0.26 | Cab shale | |
| 149.15 | 151.93 | 2.78 | Lignite | |
| 151.93 | 152.14 | 0.21 | Cab shale | |
| 152.14 | 157.00 | 4.86 | Lignite | |

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|---------------------|---------------|----------------------|--|--|
| 157.00 | 159.33 | 2.33 | Grey Sandy Clay | |
| 159.33 | 159.83 | 0.50 | medium to fine grian grayish Sand | |
| 159.83 | 166.18 | 6.35 | Grey Sandy Clay | |
| 166.18 | 166.29 | 0.11 | Cab shale | |
| 166.29 | 166.94 | 0.65 | Greenish grey Clay | |
| 166.94 | 167.03 | 0.09 | Lignite | |
| 167.03 | 167.25 | 0.22 | Black clay | |
| 167.25 | 169.00 | 1.75 | Greenish grey Clay | |
| 169.00 | 169.31 | 0.31 | Dark Grey Clay | |
| 169.31 | 170.20 | 0.89 | Lignite | |
| 170.20 | 170.50 | 0.30 | Black clay | |
| 170.50 | 174.49 | 3.99 | Greenish grey Clay | |
| 174.49 | 174.90 | 0.41 | Lignite | |
| 174.90 | 175.00 | 0.10 | Black clay | |
| 175.00 | 177.71 | 2.71 | Dark Grey clay | |
| 177.71 | 177.82 | 0.11 | Cab shale | |
| 177.82 | 177.98 | 0.16 | Lignite | |
| 177.98 | 178.00 | 0.02 | Grey Clay | |
| 178.00 | 178.21 | 0.21 | Hard black clay | |
| 178.21 | 180.61 | 2.40 | Lignite | |
| 180.61 | 189.21 | 8.60 | Grey Clay | |
| 189.21 | 190.00 | 0.79 | Greenish grey Clay | |
| 190.00 | 191.78 | 1.78 | Grey Clay | |
| 191.78 | 193.00 | 1.22 | Dark Grey sandy Clay | |
| 193.00 | 196.00 | 3.00 | Grey Clay | |
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| BH :KBH - 28 | | | | |
| SRL 54.53 | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 4.00 | 4.00 | Top soil | |
| 4.00 | 12.85 | 8.85 | Yellowish fine grain sand | |
| 12.85 | 13.00 | 0.15 | Friable SST | |
| 13.00 | 15.90 | 2.90 | Yellowish fine grain sand | |
| 15.90 | 16.00 | 0.10 | Friable SST | |
| 16.00 | 17.46 | 1.46 | Yellowish fine to medium grain sand | |
| 17.46 | 19.00 | 1.54 | Verigated Sandy clay | |
| 19.00 | 21.65 | 2.65 | Yellowish fine grain sand | |
| 21.65 | 22.00 | 0.35 | white sandy Clay | |

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|--------|--------|-------|-------------------------------------|--|
| 22.00 | 60.40 | 38.40 | Yellowish fine to medium grain sand | |
| 60.40 | 60.84 | 0.44 | Friable SST | |
| 60.84 | 61.00 | 0.16 | Grey Clay | |
| 61.00 | 62.44 | 1.44 | Fine grain white sand | |
| 62.44 | 63.84 | 1.40 | Fine grain white sand | |
| 63.84 | 64.00 | 0.16 | Hard Clay | |
| 64.00 | 66.76 | 2.76 | Fine grain white sand | |
| 66.76 | 67.00 | 0.24 | Grey Clay | |
| 67.00 | 67.65 | 0.65 | Medium to fine Greyish white sand | |
| 67.65 | 68.00 | 0.35 | sandy Grey Clay | |
| 68.00 | 68.45 | 0.45 | Medium to fine Greyish white sand | |
| 68.45 | 70.00 | 1.55 | Grey Clay | |
| 70.00 | 72.60 | 2.60 | Medium to fine Grey sand | |
| 72.60 | 73.00 | 0.40 | sandy Grey Clay | |
| 73.00 | 74.58 | 1.58 | Medium to fine Greyish white sand | |
| 74.58 | 76.00 | 1.42 | Grey Clay with hard clay | |
| 76.00 | 76.34 | 0.34 | Grey Clay | |
| 76.34 | 76.64 | 0.30 | Crab Clay | |
| 76.64 | 78.30 | 1.66 | sandy Grey Clay | |
| 78.30 | 81.68 | 3.38 | Medium to fine Greyish white sand | |
| 81.68 | 82.00 | 0.32 | sandy Grey Clay | |
| 82.00 | 84.96 | 2.96 | Medium to fine Greyish white sand | |
| 84.96 | 85.00 | 0.04 | sandy Grey Clay | |
| 85.00 | 90.65 | 5.65 | Medium to fine Greyish white sand | |
| 90.65 | 91.00 | 0.35 | sandy Grey Clay | |
| 91.00 | 93.49 | 2.49 | Medium to fine Greyish white sand | |
| 93.49 | 93.86 | 0.37 | Black Clay | |
| 93.86 | 94.00 | 0.14 | Hard Clay | |
| 94.00 | 96.53 | 2.53 | Medium to fine Greyish white sand | |
| 96.53 | 97.00 | 0.47 | Black Clay | |
| 97.00 | 98.68 | 1.68 | Medium to fine Greyish white sand | |
| 98.68 | 99.35 | 0.67 | Black Clay | |
| 99.35 | 104.58 | 5.23 | Light grey Clay | |
| 104.58 | 104.99 | 0.41 | Hard Clay | |
| 104.99 | 110.46 | 5.47 | Light grey Clay | |
| 110.46 | 114.01 | 3.55 | Greenish Clay | |

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|-------------------|---------------|----------------------|---|--|
| 114.01 | 114.47 | 0.46 | Crab Clay | |
| 114.47 | 119.25 | 4.78 | Lignite | |
| 119.25 | 119.88 | 0.63 | Coarse grain black sandy clay | |
| 119.88 | 120.42 | 0.54 | Light grey sandy Clay | |
| 120.42 | 123.55 | 3.13 | Medium to fine Greyish white sand | |
| 123.55 | 124.00 | 0.45 | Greenish Sandy Clay | |
| 124.00 | 124.64 | 0.64 | Dark Sandy Clay | |
| 124.64 | 124.81 | 0.17 | Hard Clay | |
| 124.81 | 125.67 | 0.86 | Black Clay | |
| 125.67 | 127.44 | 1.77 | Greenish Clay | |
| 127.44 | 127.55 | 0.11 | Black Clay | |
| 127.55 | 128.40 | 0.85 | Lignite | |
| 128.40 | 128.98 | 0.58 | Black Clay | |
| 128.98 | 131.48 | 2.50 | Greenish Clay | |
| 131.48 | 131.62 | 0.14 | Crab Clay | |
| 131.62 | 133.00 | 1.38 | Greenish Clay | |
| 133.00 | 133.14 | 0.14 | Black Clay | |
| 133.14 | 134.14 | 1.00 | Greenish Clay | |
| 134.14 | 134.34 | 0.20 | Hard Clay | |
| 134.34 | 135.01 | 0.67 | Greenish Clay | |
| 135.01 | 135.31 | 0.30 | Crab Clay | |
| 135.31 | 135.50 | 0.19 | Lignite | |
| 135.50 | 135.79 | 0.29 | Black Clay | |
| 135.79 | 137.02 | 1.23 | Lignite | |
| 137.02 | 149.69 | 12.67 | Greenish sandy Clay | |
| 149.69 | 150.24 | 0.55 | Crab Clay | |
| 150.24 | 154.00 | 3.76 | Greenish Clay | |
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| | | | | |
| BH :KBH-29 | | | | |
| SRL 55.58 | | | | |
| Depth (m) | | Thickness (m) | LITHOLOGY | |
| FROM (M.) | To | | | |
| 0.00 | 1.00 | 1.00 | Top soil | |
| 1.00 | 6.77 | 5.77 | Fine to medium grained yellowish sand | |
| 6.77 | 7.00 | 0.23 | Sandy clay | |
| 7.00 | 12.00 | 5.00 | Fine to medium grained yellowish sand | |
| 12.00 | 18.85 | 6.85 | Fine to coarse grained reddish white sand | |
| 18.85 | 19.00 | 0.15 | Sandy clay | |
| 19.00 | 21.56 | 2.56 | Fine to medium grained reddish white sand | |

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|--------------|--------------|-------------|---|--|
| 21.56 | 22.00 | 0.44 | Friable sandstone | |
| 22.00 | 24.55 | 2.55 | Fine to medium grained reddish white sand | |
| 24.55 | 24.77 | 0.22 | Friable sandstone | |
| 24.77 | 25.00 | 0.23 | Sandy clay | |
| 25.00 | 27.40 | 2.40 | Fine to coarse grained white sand | |
| 27.40 | 28.00 | 0.60 | Sandy clay | |
| 28.00 | 30.00 | 2.00 | Fine to coarse grained greyish white sand | |
| 30.00 | 30.35 | 0.35 | Friable sandstone | |
| 30.35 | 31.00 | 0.65 | Sandy grey clay | |
| 31.00 | 42.58 | 11.58 | Grey clay | |
| 42.58 | 43.18 | 0.60 | Fine grained greyish sand clay | |
| 43.18 | 51.59 | 8.41 | Fine to medium grained reddish white sand | |
| 51.59 | 52.00 | 0.41 | Greyish sandy clay | |
| 52.00 | 54.20 | 2.20 | Fine to medium grained reddish white sand | |
| 54.20 | 55.00 | 0.80 | Fine grained greyish sand clay | |
| 55.00 | 57.64 | 2.64 | Fine to medium grained grey sand | |
| 57.64 | 57.91 | 0.27 | Greyish sandy clay | |
| 57.91 | 58.15 | 0.24 | Grey clay | |
| 58.15 | 59.10 | 0.95 | Dark grey clay | |
| 59.10 | 60.79 | 1.69 | Fine to medium grained greyish white sand | |
| 60.79 | 61.00 | 0.21 | Dark greyish sandy clay | |
| 61.00 | 62.11 | 1.11 | Fine to medium grained greyish white sand | |
| 62.11 | 62.37 | 0.26 | Dark grey sandy clay | |
| 62.37 | 64.00 | 1.63 | Sandy ball clay | |
| 64.00 | 73.73 | 9.73 | Ball clay | |
| 73.73 | 74.45 | 0.72 | Black clay | |
| 74.45 | 81.60 | 7.15 | Lignite | |
| 81.60 | 82.00 | 0.40 | Blackish sandy clay | |
| 82.00 | 82.65 | 0.65 | Greyish sandy clay | |
| 82.65 | 87.86 | 5.21 | Grey clay | |
| 87.86 | 91.00 | 3.14 | Greenish clay | |
| 91.00 | 92.51 | 1.51 | Dark grey clay | |
| 92.51 | 94.00 | 1.49 | Greenish clay | |
| 94.00 | 97.00 | 3.00 | Dark grey clay | |
| 97.00 | 103.88 | 6.88 | Greenish clay | |
| 103.88 | 105.47 | 1.59 | Dark grey clay | |

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|------------------|----------------|----------------------|----------------------------|--|
| 105.47 | 106.31 | 0.84 | Lignite | |
| 106.31 | 111.31 | 5.00 | Greenish grey clay | |
| 111.31 | 111.44 | 0.13 | Black clay | |
| 111.44 | 112.00 | 0.56 | Lignite | |
| 112.00 | 112.38 | 0.38 | Dark grey clay | |
| 112.38 | 113.77 | 1.39 | Greenish grey clay | |
| 113.77 | 114.02 | 0.25 | Black clay | |
| 114.02 | 116.28 | 2.26 | Lignite | |
| 116.28 | 117.24 | 0.96 | Greenish grey clay | |
| 117.24 | 117.57 | 0.33 | Lignite | |
| 117.57 | 120.59 | 3.02 | Greenish grey clay | |
| 120.59 | 121.23 | 0.64 | Compact greenish grey clay | |
| 121.23 | 127.00 | 5.77 | Dark grey clay | |
| 127.00 | 130.00 | 3.00 | Greyish sandy clay | |
| 130.00 | 133.00 | 3.00 | Dark grey clay | |
| 133.00 | 136.65 | 3.65 | Grey to light grey clay | |
| 136.65 | 136.92 | 0.27 | Lignite | |
| 136.92 | 137.40 | 0.48 | Black clay | |
| 137.40 | 140.45 | 3.05 | Grey clay | |
| 140.45 | 145.00 | 4.55 | Dark grey clay | |
| 145.00 | 148.00 | 3.00 | Dark greyish sandy clay | |
| 148.00 | 150.80 | 2.80 | Light grey clay | |
| 150.80 | 151.09 | 0.29 | Carb. Shale | |
| 151.09 | 152.00 | 0.91 | Light grey clay | |
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| | | | | |
| BH :KA-3 | | | | |
| SRL 47.19 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 82.50 | 82.50 | OB | |
| 82.50 | 88.50 | 6.00 | LIGNITE | |
| 88.50 | 89.50 | 1.00 | IB | |
| 89.50 | 90.00 | 0.50 | LIGNITE | |
| 90.00 | 102.26 | 12.26 | IB | |
| 102.26 | 102.41 | 0.15 | LIGNITE | |
| 102.41 | 107.10 | 4.69 | IB | |
| 107.10 | 108.80 | 1.70 | LIGNITE | |
| 108.80 | 113.50 | 4.70 | BASE | |
| | | | | |
| BH :KA-4 | | | | |
| SRL 49.95 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 1.00 | 1.00 | TOP SOIL | |
| 1.00 | 23.30 | 22.30 | SAND | |
| 23.30 | 23.50 | 0.20 | CLAY | |

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|------------------|----------------|----------------------|------------------|--|
| 23.50 | 26.15 | 2.65 | SAND | |
| 26.15 | 26.50 | 0.35 | VARIGATED CLAY | |
| 26.50 | 33.10 | 6.60 | SAND | |
| 33.10 | 33.27 | 0.17 | CLAY | |
| 33.27 | 36.97 | 3.70 | SAND | |
| 36.97 | 38.50 | 1.53 | SANDY CLAY | |
| 38.50 | 38.60 | 0.10 | CLAY | |
| 38.60 | 38.75 | 0.15 | CARB CLAY | |
| 38.75 | 43.85 | 5.10 | SAND | |
| 43.85 | 43.90 | 0.05 | CLAY | |
| 43.90 | 44.50 | 0.60 | CARB CLAY | |
| 44.50 | 47.50 | 3.00 | SAND | |
| 47.50 | 47.62 | 0.12 | SANDY CLAY | |
| 47.62 | 47.98 | 0.36 | CLAY | |
| 47.98 | 56.50 | 8.52 | SAND | |
| 56.50 | 56.64 | 0.14 | CLAY | |
| 56.64 | 59.40 | 2.76 | SAND | |
| 59.40 | 59.45 | 0.05 | CLAY | |
| 59.45 | 59.50 | 0.05 | CARB CLAY | |
| 59.50 | 62.00 | 2.50 | SANDY CLAY | |
| 62.00 | 66.00 | 4.00 | CLAY | |
| 66.00 | 67.50 | 1.50 | CARB CLAY | |
| 67.50 | 67.65 | 0.15 | CARB SHALE | |
| 67.65 | 73.95 | 6.30 | LIGNITE | |
| 73.95 | 74.08 | 0.13 | CARB SHALE | |
| 74.08 | 74.55 | 0.47 | CLAY | |
| 74.55 | 74.75 | 0.20 | CARB CLAY | |
| 74.75 | 75.25 | 0.50 | CARB SHALE | |
| 75.25 | 75.55 | 0.30 | CARB CLAY | |
| 75.55 | 84.82 | 9.27 | CLAY | |
| 84.82 | 85.55 | 0.73 | CARB CLAY | |
| 85.55 | 87.23 | 1.68 | CLAY | |
| 87.23 | 87.42 | 0.19 | CARB SHALE | |
| 87.42 | 90.50 | 3.08 | CLAY | |
| 90.50 | 91.35 | 0.85 | CARB CLAY | |
| 91.35 | 93.60 | 2.25 | LIGNITE | |
| 93.60 | 97.30 | 3.70 | CLAY | |
| 97.30 | 98.50 | 1.20 | SANDY CLAY | |
| 98.50 | 98.61 | 0.11 | CLAY | |
| 98.61 | 99.55 | 0.94 | SANDY CLAY | |
| 99.55 | 100.50 | 0.95 | CLAY | |
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| | | | | |
| BH :KA-5 | | | | |
| SRL 53.01 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |

| | | | | |
|------------------|---------------|-------------|----------------|--|
| 0.00 | 31.90 | 31.90 | SAND | |
| 31.90 | 33.85 | 1.95 | CLAY | |
| 33.85 | 37.50 | 3.65 | SAND | |
| 37.50 | 37.70 | 0.20 | CLAY | |
| 37.70 | 37.82 | 0.12 | SAND | |
| 37.82 | 38.50 | 0.68 | CLAY | |
| 38.50 | 44.00 | 5.50 | SAND | |
| 44.00 | 44.50 | 0.50 | SANDY CLAY | |
| 44.50 | 47.50 | 3.00 | SAND | |
| 47.50 | 48.75 | 1.25 | CLAY | |
| 48.75 | 53.00 | 4.25 | SAND | |
| 53.00 | 53.50 | 0.50 | SANDY CLAY | |
| 53.50 | 59.40 | 5.90 | SAND | |
| 59.40 | 59.50 | 0.10 | CLAY | |
| 59.50 | 65.85 | 6.35 | SAND | |
| 65.85 | 67.05 | 1.20 | CLAY | |
| 67.05 | 73.50 | 6.45 | SAND | |
| 73.50 | 77.62 | 4.12 | CLAY | |
| 77.62 | 77.95 | 0.33 | CARB CLAY | |
| 77.95 | 78.69 | 0.74 | CLAY | |
| 78.69 | 80.19 | 1.50 | CARB SHALE | |
| 80.19 | 86.20 | 6.01 | LIGNITE | |
| 86.20 | 86.70 | 0.50 | CARB CLAY | |
| 86.70 | 86.80 | 0.10 | CARB SHALE | |
| 86.80 | 87.30 | 0.50 | LIGNITE | |
| 87.30 | 87.59 | 0.29 | CARB SHALE | |
| 87.59 | 87.74 | 0.15 | CARB CLAY | |
| 87.74 | 88.36 | 0.62 | SANDY CLAY | |
| 88.36 | 88.72 | 0.36 | CLAY | |
| 88.72 | 89.50 | 0.78 | SANDY CLAY | |
| 89.50 | 91.92 | 2.42 | CLAY | |
| 91.92 | 92.94 | 1.02 | SANDY CLAY | |
| 92.94 | 99.45 | 6.51 | CLAY | |
| 99.45 | 101.50 | 2.05 | CARB CLAY | |
| 101.50 | 104.50 | 3.00 | CLAY | |
| 104.50 | 105.73 | 1.23 | SANDY CLAY | |
| 105.73 | 106.59 | 0.86 | LIGNITE | |
| 106.59 | 110.50 | 3.91 | CLAY | |
| 110.50 | 114.92 | 4.42 | CARB CLAY | |
| 114.92 | 115.62 | 0.70 | CLAY | |
| 115.62 | 118.76 | 3.14 | SANDY CLAY | |
| 118.76 | 119.50 | 0.74 | CLAY | |
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| BH :KA-6 | | | | |
| SRL 59.75 | | | | |

| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY |
|------------------|---------------|---------------|----------------|
| 0.00 | 95.75 | 95.75 | OB |
| 95.75 | 101.65 | 5.90 | LIGNITE |
| 101.65 | 102.50 | 0.85 | IB |
| 102.50 | 103.10 | 0.60 | LIGNITE |
| 103.10 | 113.95 | 10.85 | IB |
| 113.95 | 114.05 | 0.10 | LIGNITE |
| 114.05 | 117.80 | 3.75 | IB |
| 117.80 | 118.60 | 0.80 | LIGNITE |
| 118.60 | 130.75 | 12.15 | BASE |
| BH :KA-7 | | | |
| SRL 52.00 | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY |
| 0.00 | 29.50 | 29.50 | SAND |
| 29.50 | 32.50 | 3.00 | CLAY |
| 32.50 | 36.50 | 4.00 | SAND |
| 36.50 | 36.75 | 0.25 | CLAY |
| 36.75 | 38.30 | 1.55 | SAND |
| 38.30 | 38.50 | 0.20 | CLAY |
| 38.50 | 39.20 | 0.70 | LIGNITE |
| 39.20 | 41.50 | 2.30 | SANDY CLAY |
| 41.50 | 42.90 | 1.40 | SAND |
| 42.90 | 43.00 | 0.10 | CLAY |
| 43.00 | 44.40 | 1.40 | SAND |
| 44.40 | 44.55 | 0.15 | CLAY |
| 44.55 | 57.80 | 13.25 | SAND |
| 57.80 | 58.30 | 0.50 | CLAY |
| 58.30 | 67.45 | 9.15 | SAND |
| 67.45 | 68.50 | 1.05 | CLAY |
| 68.50 | 71.10 | 2.60 | SAND |
| 71.10 | 71.50 | 0.40 | CARB CLAY |
| 71.50 | 71.95 | 0.45 | CLAY |
| 71.95 | 72.15 | 0.20 | CARB CLAY |
| 72.15 | 72.45 | 0.30 | CLAY |
| 72.45 | 72.75 | 0.30 | CARB SHALE |
| 72.75 | 73.15 | 0.40 | LIGNITE |
| 73.15 | 74.05 | 0.90 | CARB SHALE |
| 74.05 | 80.00 | 5.95 | LIGNITE |
| 80.00 | 80.50 | 0.50 | CARB CLAY |
| 80.50 | 81.70 | 1.20 | LIGNITE |
| 81.70 | 82.30 | 0.60 | CLAY |
| 82.30 | 82.50 | 0.20 | CARB CLAY |
| 82.50 | 88.20 | 5.70 | CLAY |
| 88.20 | 89.50 | 1.30 | SAND |
| 89.50 | 89.80 | 0.30 | CLAY |

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|------------------|----------------|----------------------|------------------|--|
| 89.80 | 92.70 | 2.90 | CLAY | |
| 92.70 | 93.10 | 0.40 | LIGNITE | |
| 93.10 | 99.30 | 6.20 | CLAY | |
| 99.30 | 101.90 | 2.60 | LIGNITE | |
| 101.90 | 108.40 | 6.50 | CLAY | |
| 108.40 | 113.50 | 5.10 | SAND | |
| | | | | |
| BH :KA-8 | | | | |
| SRL 52.14 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 1.00 | 1.00 | TOP SOIL | |
| 1.00 | 43.54 | 42.54 | SAND | |
| 43.54 | 44.89 | 1.35 | SANDY CLAY | |
| 44.89 | 45.00 | 0.11 | CLAY | |
| 45.00 | 59.20 | 14.20 | SAND | |
| 59.20 | 60.00 | 0.80 | SANDY CLAY | |
| 60.00 | 66.00 | 6.00 | SAND | |
| 66.00 | 69.30 | 3.30 | CARB CLAY | |
| 69.30 | 69.90 | 0.60 | CARB SHALE | |
| 69.90 | 70.40 | 0.50 | LIGNITE | |
| 70.40 | 71.90 | 1.50 | CARB SHALE | |
| 71.90 | 77.60 | 5.70 | LIGNITE | |
| 77.60 | 77.80 | 0.20 | CARB CLAY | |
| 77.80 | 78.50 | 0.70 | CARB SHALE | |
| 78.50 | 80.70 | 2.20 | CARB CLAY | |
| 80.70 | 96.40 | 15.70 | CLAY | |
| 96.40 | 96.60 | 0.20 | CARB MATTER | |
| 96.60 | 104.20 | 7.60 | CLAY | |
| 104.20 | 104.50 | 0.30 | CARB MATTER | |
| 104.50 | 108.60 | 4.10 | CLAY | |
| 108.60 | 111.00 | 2.40 | SAND | |
| 111.00 | 120.00 | 9.00 | CLAY | |
| | | | | |
| | | | | |
| BH :KA-9 | | | | |
| SRL 54.97 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 0.80 | 0.80 | TOP SOIL | |
| 0.80 | 2.10 | 1.30 | SANDY CLAY | |
| 2.10 | 53.48 | 51.38 | SAND | |
| 53.48 | 53.50 | 0.02 | CLAY | |
| 53.50 | 87.50 | 34.00 | SAND | |
| 87.50 | 89.20 | 1.70 | CLAY | |
| 89.20 | 90.25 | 1.05 | CARB SHALE | |
| 90.25 | 91.35 | 1.10 | LIGNITE | |
| 91.35 | 91.50 | 0.15 | CARB SHALE | |

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|------------------|----------------|----------------------|------------------|--|
| 91.50 | 95.50 | 4.00 | LIGNITE | |
| 95.50 | 97.00 | 1.50 | CLAY | |
| 97.00 | 97.70 | 0.70 | LIGNITE | |
| 97.70 | 110.30 | 12.60 | CLAY | |
| 110.30 | 120.00 | 9.70 | CARB CLAY | |
| | | | | |
| | | | | |
| BH :KA-10 | | | | |
| SRL 53.87 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 93.70 | 93.70 | OB | |
| 93.70 | 99.50 | 5.80 | LIGNITE | |
| 99.50 | 100.20 | 0.70 | IB | |
| 100.20 | 100.60 | 0.40 | LIGNITE | |
| 100.60 | 122.50 | 21.90 | BASE | |
| | | | | |
| | | | | |
| | | | | |
| BH :KA-13 | | | | |
| SRL 59.03 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 81.20 | 81.20 | SAND | |
| 81.20 | 81.55 | 0.35 | CLAY | |
| 81.55 | 82.05 | 0.50 | CARB CLAY | |
| 82.05 | 82.55 | 0.50 | CLAY | |
| 82.55 | 84.00 | 1.45 | CARB CLAY | |
| 84.00 | 84.20 | 0.20 | CLAY | |
| 84.20 | 85.30 | 1.10 | CARB SHALE | |
| 85.30 | 90.80 | 5.50 | LIGNITE | |
| 90.80 | 91.20 | 0.40 | CARB CLAY | |
| 91.20 | 92.20 | 1.00 | CLAY | |
| 92.20 | 92.70 | 0.50 | LIGNITE | |
| 92.70 | 100.70 | 8.00 | CLAY | |
| 100.70 | 101.20 | 0.50 | LIGNITE | |
| 101.20 | 105.00 | 3.80 | CLAY | |
| 105.00 | 106.40 | 1.40 | CARB CLAY | |
| 106.40 | 106.90 | 0.50 | CLAY | |
| 106.90 | 108.25 | 1.35 | CARB CLAY | |
| 108.25 | 108.50 | 0.25 | CLAY | |
| 108.50 | 108.55 | 0.05 | CARB SHALE | |
| 108.55 | 114.00 | 5.45 | CLAY | |
| 114.00 | 114.60 | 0.60 | LIGNITE | |
| 114.60 | 115.30 | 0.70 | CLAY | |
| 115.30 | 117.10 | 1.80 | LIGNITE | |
| 117.10 | 117.60 | 0.50 | CLAY | |
| 117.60 | 118.20 | 0.60 | LIGNITE | |

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|--------------------|----------------|----------------------|------------------|--|
| 118.20 | 125.00 | 6.80 | CLAY | |
| | | | | |
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| BH :KA-14 | | | | |
| SRL 56.71 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 68.00 | 68.00 | SAND | |
| 68.00 | 72.70 | 4.70 | CLAY | |
| 72.70 | 89.00 | 16.30 | SAND | |
| 89.00 | 89.50 | 0.50 | CLAY | |
| 89.50 | 96.10 | 6.60 | SAND | |
| 96.10 | 102.50 | 6.40 | CLAY | |
| 102.50 | 103.10 | 0.60 | CARB CLAY | |
| 103.10 | 103.50 | 0.40 | CARB SHALE | |
| 103.50 | 104.00 | 0.50 | CARB CLAY | |
| 104.00 | 104.50 | 0.50 | CARB SHALE | |
| 104.50 | 104.80 | 0.30 | CARB CLAY | |
| 104.80 | 110.00 | 5.20 | LIGNITE | |
| 110.00 | 110.50 | 0.50 | CARB CLAY | |
| 110.50 | 110.90 | 0.40 | CARB SHALE | |
| 110.90 | 126.50 | 15.60 | CLAY | |
| 126.50 | 126.70 | 0.20 | CARB CLAY | |
| 126.70 | 127.70 | 1.00 | CLAY | |
| 127.70 | 128.85 | 1.15 | LIGNITE | |
| 128.85 | 140.50 | 11.65 | SAND | |
| | | | | |
| BH :GMAT 11 | | | | |
| SRL 60.51 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 36.00 | 36.00 | SAND | |
| 36.00 | 48.00 | 12.00 | SANDY CLAY | |
| 48.00 | 51.00 | 3.00 | CLAY | |
| 51.00 | 66.00 | 15.00 | SANDY CLAY | |
| 66.00 | 80.40 | 14.40 | CLAY | |
| 80.40 | 80.47 | 0.07 | CARB CLAY | |
| 80.47 | 87.42 | 6.95 | LIGNITE | Lignite Mining is considered up to this depth |
| 87.42 | 87.75 | 0.33 | CARB CLAY | |

| | | | | |
|--------------------|----------------|----------------------|------------------|----------------------------------|
| 87.75 | 87.97 | 0.22 | LIGNITE | (Seam not considered for mining) |
| 87.97 | 88.26 | 0.29 | CARB SHALE | |
| 88.26 | 100.00 | 11.74 | SANDY CLAY | |
| BH :GMAT 12 | | | | |
| SRL 62.43 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 12.00 | 12.00 | TOP SOIL | |
| 12.00 | 37.70 | 25.70 | SAND | |
| 37.70 | 46.75 | 9.05 | CLAY | |
| 46.75 | 46.85 | 0.10 | CARB CLAY | |
| 46.85 | 47.70 | 0.85 | CARB SHALE | |
| 47.70 | 52.85 | 5.15 | LIGNITE | |
| 52.85 | 62.00 | 9.15 | SANDY CLAY | |
| BH :GLB 1 | | | | |
| SRL 52.64 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 148.20 | 148.20 | OB | |
| 148.20 | 153.75 | 5.55 | LIGNITE | |
| BH :GLB 4 | | | | |
| SRL 60.42 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 48.70 | 48.70 | OB | |
| 48.70 | 57.40 | 8.70 | LIGNITE | |
| 57.40 | 67.85 | 10.45 | IB | |
| 67.85 | 68.05 | 0.20 | LIGNITE | |
| 68.05 | 76.70 | 8.65 | IB | |
| 76.70 | 77.50 | 0.80 | LIGNITE | |
| 77.50 | 88.70 | 11.20 | IB | |
| 88.70 | 89.45 | 0.75 | LIGNITE | |
| 89.45 | 112.75 | 23.30 | IB | |
| 112.75 | 112.95 | 0.20 | LIGNITE | |
| 112.95 | 118.45 | 5.50 | IB | |
| 118.45 | 119.15 | 0.70 | LIGNITE | |
| BH :GLB 8 | | | | |
| SRL 60.89 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 71.85 | 71.85 | OB | |
| 71.85 | 78.80 | 6.95 | LIGNITE | |
| 78.80 | 94.60 | 15.80 | IB | |

| | | | | |
|---|----------------|----------------------|---------------------|---|
| 94.60 | 95.10 | 0.50 | LIGNITE | Lignite Mining is considered up to this depth |
| | | | | |
| LITHOLOGY OF NEGATIVE BOREHOLES | | | | |
| BH :MRP 5 | | | | |
| SRL 56.45 | | | | |
| FROM (M.) | TO (M.) | THICKNESS(M.) | LITHOLOGY | |
| 0.00 | 6.40 | 6.40 | SOIL SANDY & CLAYEY | |
| 6.40 | 9.40 | 3.00 | SANDY CLAY | |
| 9.40 | 55.30 | 45.90 | CLAY | |
| | | | | |
| BH :GMAT 15 | | | | |
| SRL 57.16 | | | | |
| Borehole drilled up to 30.50 mtr. Depth | | | | |
| | | | | |
| | | | | |
| BH :GLB 5 | | | | |
| SRL 58.70 | | | | |
| Borehole drilled up to 100.00 mtr. Depth | | | | |
| | | | | |
| | | | | |
| BH :GMAT 3 | | | | |
| SRL 50.55 | | | | |
| Borehole drilled up to 51.85 mtr. Depth | | | | |