



Ph-20 Ban Haeng Nua

APPENDIX – 2

Record of Drilling Core

| HOLE NAME Borehole No. | NGJ5/43 Rec No. | From | To | Thickness | MajorID | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|---------------------------|--------------------|--------|--------|-----------|---------|------------------|----------|------------|---------|---------|------------|----------|-----|--|
| NGJ5/43 | 46 | 148.00 | 149.60 | 3.60 | Fl | carbonaceous | m | | | | | | | brownish gray, soft - very soft, medium - high plastic, w/carbonateous at 148.35 - 148.45m |
| NGJ5/43 | 47 | 149.60 | 150.20 | 0.60 | Cb | | L | | | | | | | brownish black, cm in lower part |
| NGJ5/43 | 48 | 150.20 | 153.00 | 2.80 | Fl | | m | | | | | | | brownish gray, soft - very soft, medium plastic, w/carbonateous at 148.35 - 148.45m |
| NGJ5/43 | 49 | 153.00 | 154.20 | 1.20 | Fl | | m | | | | | | | greenish gray, soft - very soft, medium plastic |
| NGJ5/43 | 50 | 154.20 | 154.90 | 0.70 | Fl | | m | | | | | | | brownish gray, soft - very soft, medium plastic, cm |
| NGJ5/43 | 51 | 154.90 | 159.20 | 4.30 | Fl | | m | | | | | | | greenish gray, soft - stiff, medium plastic, clayey, w/cm at 156.60 - 157.20m |
| NGJ5/43 | 52 | 159.20 | 160.45 | 1.25 | Fl | | m | | | | | | | brownish gray, stiff, cm, coal fragment mixed in somepart |
| NGJ5/43 | 53 | 160.45 | 161.20 | 0.75 | Cb | carbonaceous | m | | | L | | | | brownish black, stiff, medium plastic |
| NGJ5/43 | 54 | 161.20 | 162.20 | 1.00 | Fl | low quality coal | m | | | L | | | | brownish gray, stiff, medium plastic, cm, coal fragment |
| NGJ5/43 | 55 | 162.20 | 162.57 | 0.37 | Cl | | l | | | | | | | black, earthy - dull, stiff |
| NGJ5/43 | 56 | 162.57 | 164.75 | 2.18 | Fl | carbonaceous | m | | | L | | | | brownish gray, soft - stiff, medium plastic |
| NGJ5/43 | 57 | 164.75 | 164.85 | 0.10 | Cb | | l | | | | | | 30 | black, compact, hard, dull - semibright, seem to be Ch |
| NGJ5/43 | 58 | 164.85 | 165.20 | 0.35 | Cl | low quality coal | l | | | L | | | | brownish gray, stiff, cm |
| NGJ5/43 | 59 | 165.20 | 165.40 | 0.20 | Cb | carbonaceous | l | | | L | | | | brownish black, dull, brittle, incompact |
| NGJ5/43 | 60 | 165.40 | 166.95 | 1.55 | Cl | low quality coal | l | | | L | | | | brownish black, soft - stiff, plastic, cm, coal fragment |
| NGJ5/43 | 61 | 166.95 | 167.25 | 0.30 | Cb | carbonaceous | m | | | L | | | | brownish gray, soft, medium plastic, cm, w/Cb at 168.25 - 168.30m |
| NGJ5/43 | 62 | 167.25 | 168.30 | 1.05 | Fl | | m | | | | | | 15 | brownish black, dull, compact, hard, rare Ch fragment lense in somepart, weathered, moisture |
| NGJ5/43 | 63 | 168.30 | 168.50 | 0.20 | Cl | low quality coal | l | | | L | | | | brownish black, soft, plastic, cm, coal fragment moisture |
| NGJ5/43 | 64 | 168.50 | 168.80 | 0.30 | Cb | carbonaceous | l | | | L | | | | brownish black, soft, plastic, cm, coal fragment moisture |
| NGJ5/43 | 65 | 168.80 | 169.10 | 0.30 | Cl | low quality coal | l | | | L | | | | brownish black, dull, compact, hard, rare Ch fragment lense in somepart, weathered, moisture |
| NGJ5/43 | 66 | 169.10 | 169.27 | 0.17 | Cb | carbonaceous | m | | | L | | | | brownish black, soft, plastic, cm, coal fragment moisture |
| NGJ5/43 | 67 | 169.27 | 170.80 | 1.53 | Fl | | m | | | m | | | | brownish gray, soft - stiff, medium plastic, rare cm |
| NGJ5/43 | 68 | 170.80 | 178.00 | 7.20 | Fl | | m | | | m | | | | greenish gray, stiff, medium plastic, compact, w/pyrite crystal filled in somepart granule of quartz, calcareous banding, dense at 175.50 - 15.80m, shear 50 - 60 degree at 174.00 - 175.10m |
| NGJ5/43 | 69 | 178.00 | 200.60 | 22.60 | Fl | | m | | | m | | | | moderately reddish brown, mottled of dark yellowis orange/light greenish gray, soft - stiff, medium plastic, calcareous concretion at 181.00 - 182.00m |

| HOLE NAME | Borehole No. | Rec No. | From | To | Thickness | MajorID | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|-----------|--------------|---------|--------|--------|-----------|---------|-------------------|----------|------------|---------|---------|------------|----------|-----|--|
| NGJ5/43 | 1 | 0.00 | 2.85 | 2.85 | 2.85 | S | Soil | C | sr | p | | | | | blue gray,consolidated sand very loose |
| NGJ5/43 | 2 | 2.85 | 11.00 | 11.00 | 8.15 | Fl | | g | | | | | | | blue gray,fragment not much of limestone,shear 50 degree at 8.65m,60 degree at 9.30m,80 degree at 10.25m |
| NGJ5/43 | 3 | 11.00 | 16.00 | 16.00 | 7.00 | Fl | | g | | | | | | | blue gray,w/limestone fragment bigger+more than upper,shear 55 degree at 15.30m,60 degree at 13.80m,15.00m,70 degree at 16.70m,17.05m |
| NGJ5/43 | 4 | 18.00 | 25.00 | 25.00 | 7.00 | Fl | | g | | | | | | | reddish blue,w/sandstone,limestone fragment more than upper,shear 40 degree at 22.17m,60 degree at 19.80m |
| NGJ5/43 | 5 | 25.00 | 40.00 | 40.00 | 15.00 | Fl | | g | | | | | | | blue gray,w/limestone fragment not much,some part have a big limestone fragment,shear 40 degree at 25.90m,60 degree at 26.50m,28.30m,38.80m |
| NGJ5/43 | 6 | 40.00 | 54.00 | 54.00 | 14.00 | Fl | | g | | | | | | | blue gray,w/limestone fragment(many&big),shear 60 degree at 42.60m,60 degree at 43.75m |
| NGJ5/43 | 7 | 54.00 | 60.00 | 60.00 | 6.00 | Fl | | g | | | | | | | reddish brown,w/limestone fragment(many&big),shear 40 degree at 59.80m |
| NGJ5/43 | 8 | 60.00 | 80.00 | 80.00 | 20.00 | Fl | | p | | | | | | | blue gray,w/limestone fragment(many&big),shear 40 degree at 62.30m,63.05m |
| NGJ5/43 | 9 | 60.00 | 93.20 | 93.20 | 13.20 | St | | f | | | | | | | gray,carbonaceous?,upper part gravel - sandstone,lower part limestone fragment&cement |
| NGJ5/43 | 10 | 93.20 | 95.00 | 95.00 | 1.80 | Ch | high quality coal | h | | | | | | 30 | black,brittle(2m),subconcoidal |
| NGJ5/43 | 11 | 95.00 | 95.40 | 95.40 | 0.40 | Cl | low quality coal | l | | | | | | | black,earthy,dull,cb |
| NGJ5/43 | 12 | 95.40 | 96.50 | 96.50 | 1.10 | Cb | carbonaceous | h | | | | | | | brownish black,clayey,heavy weight,plastic,cm |
| NGJ5/43 | 13 | 96.50 | 98.15 | 98.15 | 1.65 | Fl | | m | | | | | | 30 | olive gray,hard,well compact,coal fragment layey & small broken fossils |
| NGJ5/43 | 14 | 98.15 | 98.35 | 98.35 | 0.20 | Cb | carbonaceous | l | | | | | | | black,earthy-dull,ch lense in lower part |
| NGJ5/43 | 15 | 98.35 | 98.80 | 98.80 | 0.45 | Cl | low quality coal | l | | | | | | | black,earthy-dull,ch lense in somepart |
| NGJ5/43 | 16 | 98.80 | 100.80 | 100.80 | 2.00 | Cb | carbonaceous | h | | | | | | | brownish black,clayey ,cm,wich at 99.38 - 99.43m |
| NGJ5/43 | 17 | 100.80 | 101.20 | 101.20 | 0.40 | Ch | high quality coal | h | | | | | | | black,hard,compact,subconcoidal fracture |
| NGJ5/43 | 18 | 101.20 | 102.40 | 102.40 | 1.20 | Cb | carbonaceous | m | | | | | | | brownish black,clayey ,cm,stiff |
| NGJ5/43 | 19 | 102.40 | 104.18 | 104.18 | 1.78 | Fl | | m | | | | | | | brownish gray,soft - stiff,medium pastic,cm |
| NGJ5/43 | 20 | 104.18 | 104.45 | 104.45 | 0.27 | Ch | high quality coal | h | | | | | | | black,hard,compact,subconcoidal fracture |
| NGJ5/43 | 21 | 104.45 | 104.70 | 104.70 | 0.25 | Cb | carbonaceous | h | | | | | | | brownish black,clayey ,cm,stiff,coal fragment |
| NGJ5/43 | 22 | 104.70 | 105.35 | 105.35 | 0.65 | Fl | | m | | | | | | | olive gray soft - stiff,medium pastic,cm |
| NGJ5/43 | 23 | 105.35 | 105.50 | 105.50 | 0.15 | Cl | low quality coal | l | | | | | | | black,earthy-dull,ch lense in somepart |
| NGJ5/43 | 24 | 105.50 | 105.70 | 105.70 | 0.20 | Cb | carbonaceous | l | | | | | | | brownish black,clayey ,cm,stiff,coal fragment |
| NGJ5/43 | 25 | 105.70 | 106.00 | 106.00 | 0.30 | Fl | | m | | | | | | | olive gray,clay layer,stiff |
| NGJ5/43 | 26 | 106.00 | 106.55 | 106.55 | 0.55 | Cl | low quality coal | l | | | | | | | black,earthy-dull,hard,compact,shear 50 degree at 106.25m |
| NGJ5/43 | 27 | 106.55 | 106.75 | 106.75 | 0.20 | Cb | carbonaceous | l | | | | | | | brownish black,soft,coal fragment |
| NGJ5/43 | 28 | 106.75 | 107.15 | 107.15 | 0.40 | Fl | | m | | | | | | | olive gray,soft - stiff,pastic,cm |
| NGJ5/43 | 29 | 107.15 | 108.15 | 108.15 | 1.00 | Fl | | m | | m | | | | | greenish gray,soft - stiff,plastic |
| NGJ5/43 | 30 | 108.15 | 109.00 | 109.00 | 0.85 | Cb | carbonaceous | m | | | | | | | brownish black,earthy dull |
| NGJ5/43 | 31 | 109.00 | 109.85 | 109.85 | 0.85 | Fl | | m | | | | | | | brownish gray,soft - stiff,pastic |
| NGJ5/43 | 32 | 109.85 | 110.15 | 110.15 | 0.30 | Cb | carbonaceous | m | | | | | | | brownish gray,soft - stiff,pastic |
| NGJ5/43 | 33 | 110.15 | 110.75 | 110.75 | 0.60 | Fl | | m | | | | | | | brownish gray,soft - stiff,cm |
| NGJ5/43 | 34 | 110.75 | 110.90 | 110.90 | 0.15 | Ch | high quality coal | h | | | | | | | black,semibright,hard,compact,brittle |
| NGJ5/43 | 35 | 110.90 | 111.25 | 111.25 | 0.35 | Cl | low quality coal | l | | | | | | | brownish black,earthy-dull |
| NGJ5/43 | 36 | 111.25 | 111.35 | 111.35 | 0.10 | Cb | carbonaceous | m | | | | | | | brownish black,soft,cm |
| NGJ5/43 | 37 | 111.35 | 111.75 | 111.75 | 0.40 | Fl | | m | | | | | | | brownish gray,soft ,pastic,cm |
| NGJ5/43 | 38 | 111.75 | 112.20 | 112.20 | 0.45 | Cb | carbonaceous | m | | | | | | | brownish black,compact,cm |
| NGJ5/43 | 39 | 112.20 | 114.00 | 114.00 | 1.80 | Fl | | m | | | | | | | light greenish gray,very soft - soft,high - mediumplastic |
| NGJ5/43 | 40 | 114.00 | 115.00 | 115.00 | 1.00 | Fl | Core Loss | m | | | | | | | Core Loss |
| NGJ5/43 | 41 | 115.00 | 119.95 | 119.95 | 4.95 | Fl | | m | | | | | | | light greenish gray,very soft - soft,high - mediumplastic,shear 40 - 50 degree at 119.00 - 120.00m |
| NGJ5/43 | 42 | 119.95 | 141.00 | 141.00 | 21.05 | Fl | | m | | | | | | | dark yellowish orange,soft - stiff,medium plastic,mottled of moderately reddish brown,light greenish gray,shear 40 - 50 degree at 122.00 - 125.00m |
| NGJ5/43 | 43 | 141.00 | 141.20 | 141.20 | 0.20 | Fl | | m | | | | | | | greenish gray,soft - stiff,medium plastic w/calcareous banding,pyrite crystal |
| NGJ5/43 | 44 | 141.20 | 142.80 | 142.80 | 1.60 | Fl | Core Loss | m | | | | | | | Core Loss |
| NGJ5/43 | 45 | 142.80 | 146.00 | 146.00 | 3.20 | Fl | | m | | | | | | | greenish gray,soft - very soft,medium - high plastic |

| HOLE NAME | NGJ4/43 | Major | Soil | MajorID | Thickness | To | From | Rec No. | NGJ4/43 | Borehole No. | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|-----------|---------|-------|------|---------|-----------|--------|------|---------|---------|--------------|----------|------------|---------|---------|------------|----------|-----|---|
| NGJ4/43 | 1 | | E | 0.55 | 0.55 | 0.00 | 1 | | | | | | | | | | | brown gray mudstone w/particles(ss,limestone), Limestone boulder at bottom 10cm |
| NGJ4/43 | 2 | | Fl | 1.60 | 2.15 | 0.55 | 2 | | | | g | | | | | | | br gy - y gy,mottled color, soft weathered |
| NGJ4/43 | 3 | | Fl | 1.25 | 3.40 | 2.15 | 3 | | | | g | | | | | | | Ll gy - Y gy,clayey |
| NGJ4/43 | 4 | | Fl | 8.70 | 12.10 | 3.40 | 4 | | | | c | | | | | | | br gy,w/Limestone particles (max pebble) |
| NGJ4/43 | 5 | | Fl | 25.20 | 37.30 | 12.10 | 5 | | | | g | | | | | | | br gy |
| NGJ4/43 | 6 | | Fl | 4.55 | 42.60 | 37.30 | 6 | | | | c | | | | | | | br gy,w/Limestone cobble - boulder, many Limestone grains near bottom |
| NGJ4/43 | 7 | | Sl | 2.95 | 47.15 | 42.60 | 7 | | | | g | sa | m | | | | | br gy,w/Limestone grain - pebble |
| NGJ4/43 | 8 | | Sl | 2.52 | 50.10 | 47.15 | 8 | | | | c | | | | | | | br gy,w/Limestone grain - pebble |
| NGJ4/43 | 9 | | Fl | 0.78 | 52.62 | 50.10 | 9 | | | | c | | | | | | | br gy,Limestone pebble at upper part, cobbles at lower part |
| NGJ4/43 | 10 | | Cg | 0.60 | 53.40 | 52.62 | 10 | | | | c | | | | | | | br gy,w/Limestone grains rarely included |
| NGJ4/43 | 11 | | Fl | 0.27 | 54.00 | 53.40 | 11 | | | | m | | | | | | | br gy,coarse-grained (Limestone) |
| NGJ4/43 | 12 | | Sl | 2.56 | 54.27 | 54.00 | 12 | | | | c | | | | | | | br gy,w/Limestone grains rarely included |
| NGJ4/43 | 13 | | Fl | 5.92 | 56.83 | 54.27 | 13 | | | | m | | | | | | | br gy,w/ mudstone layer (25cm) |
| NGJ4/43 | 14 | | Cg | 5.92 | 62.75 | 56.83 | 14 | | | | p | | | | | | | br gy,w/Limestone pebble rarely included |
| NGJ4/43 | 15 | | Fl | 16.45 | 79.20 | 62.75 | 15 | | | | m | | | | | | | br gy,w/Limestone grains included |
| NGJ4/43 | 16 | | Fl | 0.47 | 79.67 | 79.20 | 16 | | | | g | | | | | | | br gy,w/Limestone grains rarely included |
| NGJ4/43 | 17 | | Fl | 2.43 | 82.10 | 79.67 | 17 | | | | g | | | | | | | br gy,w/Limestone grains rarely included |
| NGJ4/43 | 18 | | Fl | 3.33 | 85.43 | 82.10 | 18 | | | | m | | | | | | | br gy,w/Limestone grains - pebbles |
| NGJ4/43 | 19 | | Fl | 1.77 | 87.20 | 85.43 | 19 | | | | g | | | | | | | br gy,w/Limestone pebbles - boulders |
| NGJ4/43 | 20 | | Fl | 0.30 | 87.50 | 87.20 | 20 | | | | m | | | | | | | br gy,w/Limestone grains rarely included |
| NGJ4/43 | 21 | | Fl | 2.50 | 90.00 | 87.50 | 21 | | | | g | | | | | | | br gy,w/Limestone grains included |
| NGJ4/43 | 22 | | Fl | 5.33 | 95.33 | 90.00 | 22 | | | | m | | | | | | | br gy,hard pebble-cobble-grained sandstone, w/reddish colored pebbles |
| NGJ4/43 | 23 | | Fl | 2.00 | 97.33 | 95.33 | 23 | | | | g | | | | | | | moderate brown, slightly cement |
| NGJ4/43 | 24 | | St | 2.22 | 99.55 | 97.33 | 24 | | | | c | | | | | | | moderate brown, soft, stiff, medium plasticity, n(CaCO3) |
| NGJ4/43 | 25 | | Flm | 22.45 | 122.00 | 99.55 | 25 | | | | m | | m | | | | | moderate reddish brown, stiff, slightly plasticity, n(CaCO3) |
| NGJ4/43 | 26 | | Flm | 6.80 | 128.80 | 122.00 | 26 | | | | m | | | | | | | a/a 107.70-122.00 |
| NGJ4/43 | 27 | | Ftg | 16.40 | 145.20 | 128.80 | 27 | | | | g | | | | | | | |
| NGJ4/43 | 28 | | Loss | 1.80 | 147.00 | 145.20 | 28 | | | | m | | | | | | | moderate reddish brown, soft, slightly compact |
| NGJ4/43 | 29 | | Flm | 1.00 | 148.00 | 147.00 | 29 | | | | m | | | | | | | moderate yellowish brown, hard, moderately compact, include 1st pebble in part |
| NGJ4/43 | 30 | | Ftg | 2.25 | 150.25 | 148.00 | 30 | | | | g | | | | | | | moderate yellowish brown, slightly compact, stiff-soft |
| NGJ4/43 | 31 | | Ftg | 7.25 | 157.50 | 150.25 | 31 | | | | g | | | | | | | dark yellowish orange, hard, compact, include 1st pebble in part |
| NGJ4/43 | 32 | | Ftg | 5.00 | 162.50 | 157.50 | 32 | | | | g | | | | | | | light yellowish orange, slightly compact, include 1st pebble in part |
| NGJ4/43 | 33 | | Ftg | 5.50 | 168.00 | 162.50 | 33 | | | | g | | | | | | | light yellowish orange, moderately-slightly compact, rare include 1st pebble in part |
| NGJ4/43 | 34 | | Ftg | 28.70 | 196.70 | 168.00 | 34 | | | | g | | | | | | | a/a 157.50-162.50 |
| NGJ4/43 | 35 | | Loss | 2.10 | 198.80 | 196.70 | 35 | | | | g | | | | | | | |
| NGJ4/43 | 36 | | Ftg | 0.20 | 199.00 | 198.80 | 36 | | | | g | | | | | | | |
| NGJ4/43 | 37 | | Loss | 1.00 | 200.00 | 199.00 | 37 | | | | g | | | | | | | dark yellowish orange, moderately-slightly compact, include 1st pebble in part |
| NGJ4/43 | 38 | | Ftg | 17.15 | 217.15 | 200.00 | 38 | | | | f-vc | sa-a | | | | | | slightly cement, clayey, pebble mixed in lower part, pebble of qtz, sst, sh, mdst |
| NGJ4/43 | 39 | | Stm | 2.85 | 220.00 | 217.15 | 39 | | | | f-vc | sa-a | | | | | | a/a 217.15-220.00 |
| NGJ4/43 | 40 | | Loss | 3.80 | 223.80 | 220.00 | 40 | | | | f-vc | sa-a | | | | | | |
| NGJ4/43 | 41 | | Stm | 0.20 | 224.00 | 223.80 | 41 | | | | f-vc | sa-a | | | | | | |
| NGJ4/43 | 42 | | Loss | 2.80 | 226.80 | 224.00 | 42 | | | | f-vc | sa-a | | | | | | |
| NGJ4/43 | 43 | | Stm | 0.20 | 227.00 | 226.80 | 43 | | | | f-vc | sa-a | | | | | | |
| NGJ4/43 | 44 | | Loss | 1.00 | 228.00 | 227.00 | 44 | | | | g | | | | | | | dark yellowish orange, mottled of mod rd br, vlt gy, slightly-moderately compact, soft-stiff in upper part with v-f sand mixed @228.20-229.50, w/ls grain include pebbles & cobble @241.00-247.00 |
| NGJ4/43 | 45 | | Ftg | 22.00 | 250.00 | 228.00 | 45 | | | | g | | | | | | | |

HOLE NAME NGJ3/43

| Borehole No. | Rec No. | From | To | Thickness | Major ID | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|--------------|---------|--------|--------|-----------|----------|-----------------------------------|----------|------------|---------|---------|------------|----------|--------|--|
| NGJ3/43 | 100 | 183.60 | 185.70 | 2.10 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | | s | | greenish grey, stiff-soft, medium plasticity w/CaO3 |
| NGJ3/43 | 101 | 185.70 | 186.00 | 0.30 | Ch | High Coal Quality | h | | | L | | s | | black, semibright, hard, brittle (compression) |
| NGJ3/43 | 102 | 186.00 | 186.50 | 0.50 | Cb | Carbonaceous | h | | | L | | s | 20 | brownish black, soft, plastic, cm, clayey |
| NGJ3/43 | 103 | 186.50 | 187.60 | 1.10 | Ch | High Coal Quality | h | | | L | | | | black, semibright-dull, hard, compact, subconchoidal |
| NGJ3/43 | 104 | 187.60 | 187.80 | 0.20 | Cb | Carbonaceous | m | | | m | | | | brownish black, soft, plastic, cm, clayey |
| NGJ3/43 | 105 | 187.80 | 191.60 | 3.80 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | | | | 35 | brownish grey, greenish grey, soft-stiff, medium, plasticity, pyrite crystal 188.65-188.80m (still continue) |
| NGJ3/43 | 106 | 191.60 | 191.85 | 0.25 | Cl | Low Coal Quality | l | | | L | | | | brownish black, dull, moisture, Ch fragment mixed in some part |
| NGJ3/43 | 107 | 191.85 | 192.25 | 0.40 | Cb | Carbonaceous | m | | | L | | | | brownish grey, soft-stiff, medium, plasticity |
| NGJ3/43 | 108 | 192.25 | 200.00 | 7.75 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | | | | greenish grey, soft-stiff, medium-high plasticity nodule CaCO3, shear 45-55 degree, w/brownish grey 197.95-198.65m clayey, Cm |
| NGJ3/43 | 109 | 200.00 | 201.24 | 1.24 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | | s | | brownish grey, clayey, medium plastic, soft-stiff, Cm, w/Cb 200.20-200.45m |
| NGJ3/43 | 110 | 201.24 | 201.37 | 0.13 | Cl | Low Coal Quality | l | | | L | | g | 20 | brownish black, dull, compact, hard |
| NGJ3/43 | 111 | 201.37 | 201.95 | 0.58 | Cb | Carbonaceous | m | | | L | | s | | brownish grey, soft, clayey, Cm |
| NGJ3/43 | 112 | 201.95 | 203.55 | 1.60 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | | | | olive grey, soft-stiff, medium plastic |
| NGJ3/43 | 113 | 203.55 | 203.60 | 0.05 | Cb | Carbonaceous | l | | | L | | | | brownish grey, soft, clayey, Cm |
| NGJ3/43 | 114 | 203.60 | 203.75 | 0.15 | Cl | Low Coal Quality | l | | | L | | s | 20 | brownish grey, dull, stiff, compact |
| NGJ3/43 | 115 | 203.75 | 203.87 | 0.12 | Cb | Carbonaceous | l | | | L | | s | | brownish grey, soft, clayey, Cm |
| NGJ3/43 | 116 | 203.87 | 204.30 | 0.43 | Cl | Low Coal Quality | l | | | L | | s | | brownish grey, dull, stiff, compact |
| NGJ3/43 | 117 | 204.30 | 204.40 | 0.10 | Cb | Carbonaceous | l | | | L | | | | brownish grey, soft, clayey, Cm |
| NGJ3/43 | 118 | 204.40 | 208.85 | 4.45 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | | | | brownish grey, Cm, soft-stiff, plastic, w/ light greenish grey 206.30-206.65m and Cb 207.20-207.55m, 208.89-208.85m, sheared 55 degree (ch fragment) |
| NGJ3/43 | 119 | 208.85 | 209.05 | 0.20 | Cl | Low Coal Quality | l | | | L | | g | 20 | brownish black, dull, hard |
| NGJ3/43 | 120 | 209.05 | 209.30 | 0.25 | Cb | Carbonaceous | m | | | L | | g | | brownish black, soft-stiff, moisture |
| NGJ3/43 | 121 | 209.30 | 209.80 | 0.50 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | | s | | brownish grey, soft-stiff, medium plasticity, shear 209.50m 60 degree, 209.70m 50 degree |
| NGJ3/43 | 122 | 209.80 | 210.15 | 0.35 | Cl | Low Coal Quality | l | | | L | | | | brownish black, dull, hard, compact |
| NGJ3/43 | 123 | 210.15 | 210.25 | 0.10 | Cb | Carbonaceous | l | | | L | | | | brownish black, soft-stiff, moisture |
| NGJ3/43 | 124 | 210.25 | 211.00 | 0.75 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | | | | brownish grey, soft-stiff, medium plastic |
| NGJ3/43 | 125 | 211.00 | 211.10 | 0.10 | Cb | Carbonaceous | h | | | L | | g | | brownish black, soft, Cm |
| NGJ3/43 | 126 | 211.10 | 211.66 | 0.56 | Ch | High Coal Quality | h | | | L | | g | 15, 20 | black, semibright, hard, compact, small broken gastropods (fossil) w/ Cl, dull 211.30-311.45m |
| NGJ3/43 | 127 | 211.66 | 212.00 | 0.34 | Cl | Low Coal Quality | l | | | L | | g | | brownish black, dull, hard, compact |
| NGJ3/43 | 128 | 212.00 | 212.30 | 0.30 | Ch | High Coal Quality | h | | | L | | s | | black, semibright, hard, compact, small broken gastropods (fossil) w/ Cl, dull 211.30-311.45m |
| NGJ3/43 | 129 | 212.30 | 212.60 | 0.30 | Cb | Carbonaceous | h | | | L | | | | brownish black, soft, Cm |
| NGJ3/43 | 130 | 212.60 | 213.15 | 0.55 | Ch | High Coal Quality | h | | | L | | s | | black, semibright, hard, compact, small broken gastropods (fossil) w/ Cl, dull 211.30-311.45m |
| NGJ3/43 | 131 | 213.15 | 213.40 | 0.25 | Cb | Carbonaceous | h | | | L | | g | | brownish black, soft, Cm |
| NGJ3/43 | 132 | 213.40 | 213.53 | 0.13 | Ch | High Coal Quality | h | | | L | | g | 50 | black, semibright, hard, compact, small broken gastropods (fossil) w/ Cl, dull 211.30-311.45m |
| NGJ3/43 | 133 | 213.53 | 213.97 | 0.44 | Cb | Carbonaceous | l | | | L | | s | | brownish black, soft, Cm |
| NGJ3/43 | 134 | 213.97 | 214.17 | 0.20 | Cl | Low Coal Quality | l | | | L | | g | | brownish black, dull, hard, compact |
| NGJ3/43 | 135 | 214.17 | 215.30 | 1.13 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | | g | | brownish grey, soft-stiff, medium plastic, Cm |
| NGJ3/43 | 136 | 215.30 | 217.10 | 1.80 | FIm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | | g | | light greenish grey, stiff, compact, pyrite crystal in lower part |

HOLE NAME NGJ3/43

| Borehole No. | Rec No. | From | To | Thickness | MajorID | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|--------------|---------|--------|--------|-----------|---------|-----------------------------------|----------|------------|---------|---------|------------|----------|-----|---|
| NGJ3/43 | 49 | 151.05 | 151.52 | 0.47 | Ch | High Coal Quality | h | | | L | - | g | | black, hard, semibright, compact, brittle |
| NGJ3/43 | 50 | 151.52 | 151.60 | 0.08 | Cl | Low Coal Quality | l | | | L | - | s | | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 51 | 151.60 | 153.65 | 2.05 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | - | s | | olive gray, hard, compact, cm @ 152.35-152.45, 152.75-153.65, soft-stiff, medium plasticity in lower part |
| NGJ3/43 | 52 | 153.65 | 157.07 | 3.42 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | - | g | 30 | v. light gray, soft-stiff, medium plasticity |
| NGJ3/43 | 53 | 157.07 | 157.23 | 0.16 | Cb | Carbonaceous | | | | L | - | g | | brownish gray, soft, clayey |
| NGJ3/43 | 54 | 157.23 | 157.55 | 0.32 | Cl | Low Coal Quality | l | | | L | - | g | | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 55 | 157.55 | 157.58 | 0.03 | Cb | Carbonaceous | | | | L | - | g | | olive gray, soft, plasticity |
| NGJ3/43 | 56 | 157.58 | 157.70 | 0.12 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | - | g | 30 | olive gray, soft, clayey |
| NGJ3/43 | 57 | 157.70 | 157.80 | 0.10 | Cb | Carbonaceous | | | | L | - | g | | brownish gray, soft, clayey |
| NGJ3/43 | 58 | 157.80 | 158.00 | 0.20 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | - | g | | olive gray, soft, plasticity |
| NGJ3/43 | 59 | 158.00 | 158.50 | 0.50 | Cb | Carbonaceous | | | | L | - | g | | brownish gray, soft, clayey |
| NGJ3/43 | 60 | 158.50 | 158.85 | 0.35 | Cl | Low Coal Quality | l | | | L | - | g | 20 | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 61 | 158.85 | 158.87 | 0.02 | Cb | Carbonaceous | | | | L | - | g | | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 62 | 158.87 | 159.10 | 0.23 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | - | g | | light greenish gray, compact |
| NGJ3/43 | 63 | 159.10 | 159.68 | 0.58 | Ch | High Coal Quality | h | | | L | - | g | 20 | black, dull-semibright, hard, compact, brittle, subconoidal fracture |
| NGJ3/43 | 64 | 159.68 | 159.78 | 0.10 | Cb | Carbonaceous | | | | L | - | g | | olive gray, hard, compact |
| NGJ3/43 | 65 | 159.78 | 160.23 | 0.45 | Ch | High Coal Quality | h | | | L | - | g | 25 | black, semibright-dull, hard, compact, subconoidal fracture |
| NGJ3/43 | 66 | 160.23 | 160.65 | 0.42 | Cl | Low Coal Quality | l | | | L | - | g | 25 | brownish black, dull, moderate compact, moderate hard |
| NGJ3/43 | 67 | 160.65 | 160.90 | 0.25 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | s | | yellowish gray, hard, compact, small broken gastropods (fossil) |
| NGJ3/43 | 68 | 160.90 | 161.00 | 0.10 | Cl | Low Coal Quality | l | | | L | - | g | 30 | brownish black, dull, moderate compact, moderate hard |
| NGJ3/43 | 69 | 161.00 | 162.20 | 1.20 | Ch | High Coal Quality | h | | | L | - | g | | black, semibright, hard, compact, subconoidal fracture, w/heavy pyrite denss |
| NGJ3/43 | 70 | 162.20 | 162.40 | 0.20 | Cb | Carbonaceous | | | | L | - | g | | 161.80-161.85m |
| NGJ3/43 | 71 | 162.40 | 162.50 | 0.10 | Ch | High Coal Quality | h | | | L | - | g | | brownish black, soft, moisture, clayey |
| NGJ3/43 | 72 | 162.50 | 162.63 | 0.13 | Cb | Carbonaceous | | | | L | - | g | | black, semibright, hard, compact, subconoidal fracture, w/heavy pyrite denss |
| NGJ3/43 | 73 | 162.63 | 162.73 | 0.10 | Ch | High Coal Quality | h | | | L | - | g | | 161.80-161.85m |
| NGJ3/43 | 74 | 162.73 | 164.00 | 1.27 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | g | | brownish black, soft, moisture, clayey |
| NGJ3/43 | 75 | 164.00 | 164.06 | 0.06 | Cb | Carbonaceous | | | | L | - | g | | black, semibright, hard, compact, subconoidal fracture, w/heavy pyrite denss |
| NGJ3/43 | 76 | 164.06 | 164.67 | 0.61 | Cl | Low Coal Quality | l | | | L | - | g | | 161.80-161.85m |
| NGJ3/43 | 77 | 164.67 | 164.88 | 0.21 | Cb | Carbonaceous | | | | L | - | g | | light olive gray, hard, compact |
| NGJ3/43 | 78 | 164.88 | 165.10 | 0.22 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | g | | brownish black, hard, layer |
| NGJ3/43 | 79 | 165.10 | 165.47 | 0.37 | Cb | Carbonaceous | | | | L | - | g | | black, semibright, hard, compact, subconoidal fracture, w/heavy pyrite denss |
| NGJ3/43 | 80 | 165.47 | 165.57 | 0.10 | Ch | High Coal Quality | h | | | L | - | s | | 161.80-161.85m |
| NGJ3/43 | 81 | 165.57 | 165.73 | 0.16 | Cb | Carbonaceous | | | | L | - | s | | dark gray, soft, plastic, clayey |
| NGJ3/43 | 82 | 165.73 | 165.90 | 0.17 | Cl | Low Coal Quality | l | | | L | - | s | | brownish black, soft, moisture, clayey |
| NGJ3/43 | 83 | 165.90 | 166.07 | 0.17 | Cb | Carbonaceous | | | | L | - | s | | black, semibright-dull, compact, hard, pyrite layer 165.44-165.47m |
| NGJ3/43 | 84 | 166.07 | 167.55 | 1.48 | Ch | High Coal Quality | h | | | L | - | s | 30 | brownish black, soft, moisture, clayey |
| NGJ3/43 | 85 | 167.55 | 168.60 | 1.05 | Cb | Carbonaceous | | | | L | - | s | | brownish black, soft, moisture, clayey |
| NGJ3/43 | 86 | 168.60 | 170.40 | 1.80 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | s | | black, semibright-dull, compact, hard, clay parting |
| NGJ3/43 | 87 | 170.40 | 171.05 | 0.65 | Cb | Carbonaceous | | | | L | - | g | | olive gray, hard, compact, brittle in upper & lower part (compress brittle) |
| NGJ3/43 | 88 | 171.05 | 171.40 | 0.35 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | g | | brownish black, soft, plastic |
| NGJ3/43 | 89 | 171.40 | 172.00 | 0.60 | Cb | Carbonaceous | | | | L | - | g | | brownish black, compact, hard |
| NGJ3/43 | 90 | 172.00 | 172.70 | 0.70 | Ch | High Coal Quality | h | | | L | - | g | | black, semibright, compact, hard |
| NGJ3/43 | 91 | 172.70 | 173.32 | 0.62 | Cb | Carbonaceous | | | | L | - | g | | brownish black, stiff, slightly compact |
| NGJ3/43 | 92 | 173.32 | 174.60 | 1.28 | Ch | High Coal Quality | h | | | L | - | s | 20 | black, semibright-dull, compact, hard |
| NGJ3/43 | 93 | 174.60 | 174.86 | 0.26 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | g | | yellowish gray, hard, compact |
| NGJ3/43 | 94 | 174.86 | 178.55 | 3.69 | Ch | High Coal Quality | h | | | L | - | g | 10 | black, semibright, compact, hard, w/Ftm 177.54-177.65m & Cb 177.65-177.90m |
| NGJ3/43 | 95 | 178.55 | 180.80 | 2.25 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | g | | olive gray, hard, compact, brittle |
| NGJ3/43 | 96 | 180.80 | 181.62 | 0.82 | Ch | High Coal Quality | h | | | L | - | g | 15 | black, semibright, compact, hard, subconoidal fracture |
| NGJ3/43 | 97 | 181.62 | 182.30 | 0.68 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | m | | | L | - | g | | olive gray, hard, compact |
| NGJ3/43 | 98 | 182.30 | 183.30 | 1.00 | Ch | High Coal Quality | h | | | L | - | g | 20 | black, semibright, compact, hard, subconoidal fracture |
| NGJ3/43 | 99 | 183.30 | 183.60 | 0.30 | Cb | Carbonaceous | | | | L | - | g | | brownish black, slightly compact, moisture |

HOLE NAME NGJ3/43

| Borehole No. | Rec No. | From | To | Thickness | MajorID | Soil | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|--------------|---------|--------|--------|-----------|---------|-----------------------------------|-----------------------------------|----------|------------|---------|---------|------------|----------|-----|--|
| NGJ3/43 | 1 | 0.00 | 1.00 | 1.00 | E | Consolidate Silt+ Clay +Mud (Ft) | Consolidate Silt+ Clay +Mud (Ft) | m | | | | | | | dark yellowish orange, soft-v soft, moisture, plasticity, clayey |
| NGJ3/43 | 2 | 1.00 | 3.20 | 2.20 | Ftm | CORE LOSS | CORE LOSS | | | | | | | | dark yellowish orange, mottled of v.l.t gy. soft-stiff, pebble mixed |
| NGJ3/43 | 3 | 3.20 | 3.80 | 0.60 | LOSS | | | | | | | | | | a/a 1.00-3.20 |
| NGJ3/43 | 4 | 3.80 | 4.00 | 0.20 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | | | | moderate reddish brown, stiff, compact, pebble mixed, shear 6.00-10.15/35°-60° mottled of mod rd br/v lt rv @19.00-21.00 |
| NGJ3/43 | 5 | 4.00 | 21.00 | 17.00 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | | | | dark yellowish orange mottled of mod rd br/v lt gy, slightly compact, pebble mixed, graded vt sand in lowerpart |
| NGJ3/43 | 6 | 21.00 | 29.85 | 8.85 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | sa-sr | m | | | | | dark yellowish orange, moderately slightly cement. |
| NGJ3/43 | 7 | 29.85 | 31.00 | 1.15 | Svf | Consolidated Sand(S) | Consolidated Sand(S) | vf-m | | | | | | | loose, pebble of qtz, qtzite, sst, sh |
| NGJ3/43 | 8 | 31.00 | 32.80 | 1.80 | LOSS | CORE LOSS | CORE LOSS | p | sa-sr | | | | | | moderate reddish brown, stiff, compact, with pebble of sst/silt/qlz/qtzite size 0.5-1.0 cm., r-sr @43.80-44.50 and Rock Core Sample Test @42.00-42.30, 42.30-42.60, 43.05-43.25, 46.00-46.30, 46.50-46.80, 47.20-47.40 |
| NGJ3/43 | 9 | 32.80 | 33.05 | 0.25 | Gp | Unconsolidated Gravel | Unconsolidated Gravel | p | | | | | | | moderate reddish brown, stiff, compact, medium-slightly plasticity, shear 48.90-49.00/35°, 51.80-52.00/45°, hard in lowerpart, n(CaCO ₃), vt sand mixed |
| NGJ3/43 | 10 | 33.05 | 49.00 | 15.95 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | | | | brownish gray, dark yellowish orange, muddy, shear 68.90 69.80/35° brownish gray, stiff, compact |
| NGJ3/43 | 11 | 49.00 | 50.70 | 1.70 | LOSS | CORE LOSS | CORE LOSS | | | | | | | | greenish gray, stiff, compact, slightly calcareous |
| NGJ3/43 | 12 | 50.70 | 68.15 | 17.45 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | f-vc | sr-a | p | | | | | brownish gray, mottled of mod rd br/dk yl or, pebble of qtz, sh, sst, silt, mdst |
| NGJ3/43 | 13 | 68.15 | 69.60 | 1.45 | Svf | Consolidated Sand(S) | Consolidated Sand(S) | f-vc | sa-a | p | | | | | brownish gray, slightly cement, framework: sst/sh/mdst/qlz, matrix: silt/clay |
| NGJ3/43 | 14 | 69.60 | 74.30 | 4.70 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | m | | | | brownish gray, moderate moderate brown, stiff, compact |
| NGJ3/43 | 15 | 74.30 | 76.00 | 1.70 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | | | | | a/a 107.00-107.50, gravel size 1-7 cm. in lowerpart |
| NGJ3/43 | 16 | 76.00 | 77.50 | 1.50 | Ftg | Consolidated Mud with granule(Ft) | Consolidated Mud with granule(Ft) | g | | | | | | | moderate brown, soft-stiff, medium plasticity, n(CaCO ₃) |
| NGJ3/43 | 17 | 77.50 | 107.00 | 29.50 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | g | | | | | | | moderate brown, mottled of dark yellowish orange |
| NGJ3/43 | 18 | 107.00 | 107.50 | 0.50 | Cgp | Consolidated Gravel(Cg) | Consolidated Gravel(Cg) | p | | | | | | | moderate brown, soft-stiff, medium plasticity, n(CaCO ₃) |
| NGJ3/43 | 19 | 107.50 | 110.00 | 2.50 | Ftg | Consolidated Mud with granule(Ft) | Consolidated Mud with granule(Ft) | g | | | | | | | moderate brown, slightly cement |
| NGJ3/43 | 20 | 110.00 | 112.00 | 2.00 | Cgp | Consolidated Gravel(Cg) | Consolidated Gravel(Cg) | p | sa-a | p | | | | | moderate brown, soft-stiff, medium plasticity, n(CaCO ₃) |
| NGJ3/43 | 21 | 112.00 | 116.00 | 4.00 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | | | | | light greenish gray, slightly cement, clayey, pebble mixed |
| NGJ3/43 | 22 | 116.00 | 116.75 | 0.75 | Ftg | Consolidated Mud with granule(Ft) | Consolidated Mud with granule(Ft) | g | | | | | | | moderate brown, mottled of dark yellowish orange |
| NGJ3/43 | 23 | 116.75 | 120.60 | 3.85 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | g | | | | | | | moderate brown, soft-stiff, medium plasticity, n(CaCO ₃) |
| NGJ3/43 | 24 | 120.60 | 121.00 | 0.40 | Ftg | Consolidated Mud with granule(Ft) | Consolidated Mud with granule(Ft) | g | | | | | | | moderate brown, soft-stiff, medium plasticity, n(CaCO ₃) |
| NGJ3/43 | 25 | 121.00 | 124.70 | 3.70 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | f-vc | sa-sr | p | | | | | light greenish gray, slightly cement, clayey, pebble mixed |
| NGJ3/43 | 26 | 124.70 | 124.95 | 0.25 | Sf | Consolidated Sand(S) | Consolidated Sand(S) | m | | | | | | | moderate brown, soft-stiff, medium plasticity, n(CaCO ₃), many shear 126.80-130.60/55-60 |
| NGJ3/43 | 27 | 124.95 | 134.00 | 9.05 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | | | | | light greenish gray, slightly cement, clayey, pebble mixed |
| NGJ3/43 | 28 | 134.00 | 134.70 | 0.70 | Svf | Consolidated Sand(S) | Consolidated Sand(S) | vf-f | sa-sr | | | | | | pebble of qtz, sst, mdst, sh size 0.5-3 cm. |
| NGJ3/43 | 29 | 134.70 | 136.70 | 2.00 | LOSS | CORE LOSS | CORE LOSS | | | | | | | | light greenish gray, slightly cement, clayey, pebble mixed |
| NGJ3/43 | 30 | 136.70 | 137.00 | 0.30 | Gp | Unconsolidated Gravel(G) | Unconsolidated Gravel(G) | p | | | | | | | light greenish gray, slightly cement, clayey, pebble mixed |
| NGJ3/43 | 31 | 137.00 | 139.00 | 2.00 | LOSS | CORE LOSS | CORE LOSS | | | | | | | | pebble of qtz, sst, mdst, sh size 1-5 cm. |
| NGJ3/43 | 32 | 139.00 | 140.00 | 1.00 | Svf | Consolidated Sand(S) | Consolidated Sand(S) | vf-vc | | | | | | | moderate brown, soft-stiff, medium plasticity, n(CaCO ₃) |
| NGJ3/43 | 33 | 140.00 | 140.50 | 0.50 | LOSS | CORE LOSS | CORE LOSS | | | | | | | | greenish gray, soft-stiff, medium plasticity, n(CaCO ₄) |
| NGJ3/43 | 34 | 140.50 | 140.75 | 0.25 | Svf | Consolidated Sand(S) | Consolidated Sand(S) | vf-vc | sa-sr | | | | | | light greenish gray, slightly cement, n(CaCO ₅), pebble mixed |
| NGJ3/43 | 35 | 140.75 | 140.90 | 0.15 | Gp | Unconsolidated Gravel(G) | Unconsolidated Gravel(G) | p | | | | | | | light greenish gray, slightly cement, n(CaCO ₅), pebble mixed |
| NGJ3/43 | 36 | 140.90 | 144.30 | 3.40 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | | | | | olive gray, soft-stiff, medium plasticity, cm |
| NGJ3/43 | 37 | 144.30 | 145.80 | 1.50 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | | | | | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 38 | 145.80 | 147.00 | 1.20 | Svf | Consolidated Sand(S) | Consolidated Sand(S) | vf-m | sa-sr | | | | | | brownish gray, soft, clayey |
| NGJ3/43 | 39 | 147.00 | 148.10 | 1.10 | LOSS | CORE LOSS | CORE LOSS | | | | | | | | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 40 | 148.10 | 148.45 | 0.35 | Svf | Consolidated Sand(S) | Consolidated Sand(S) | vf-m | | | m | | | | soft, clayey |
| NGJ3/43 | 41 | 148.45 | 149.75 | 1.30 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | | | | | light olive gray, soft-stiff, medium plasticity, compact, cm |
| NGJ3/43 | 42 | 149.75 | 150.00 | 0.25 | Ci | Low Coal Quality | Low Coal Quality | l | | | l | | | | brownish gray, soft, clayey |
| NGJ3/43 | 43 | 150.00 | 150.13 | 0.13 | Cb | Carbonaceous | Carbonaceous | l | | | l | | | | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 44 | 150.13 | 150.27 | 0.14 | Ci | Low Coal Quality | Low Coal Quality | l | | | l | | | | soft, clayey |
| NGJ3/43 | 45 | 150.27 | 150.29 | 0.02 | Cb | Carbonaceous | Carbonaceous | l | | | l | | | | brownish black, dull, rare bright, hard, compact |
| NGJ3/43 | 46 | 150.29 | 150.47 | 0.18 | Ci | Low Coal Quality | Low Coal Quality | l | | | l | | | | light olive gray, soft-stiff, medium plasticity, compact, cm |
| NGJ3/43 | 47 | 150.47 | 150.95 | 0.48 | Ftm | Consolidated Silt+ Clay +Mud (Ft) | Consolidated Silt+ Clay +Mud (Ft) | m | | | l | | | | brownish gray, soft, clayey |
| NGJ3/43 | 48 | 150.95 | 151.05 | 0.10 | Cb | Carbonaceous | Carbonaceous | l | | | l | | | | |

HOLE NAME NGJ2/43

| Borehole No. | Rec No. | From | To | Thickness | Major ID | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|--------------|---------|--------|--------|-----------|----------|-----------|----------|------------|---------|---------|------------|----------|-----|--|
| NGJ2/43 | 1 | 0.00 | 1.60 | 1.60 | E | Soil | | | | | | | | |
| NGJ2/43 | 2 | 1.60 | 3.50 | 1.90 | Cg | Core Loss | g | sr | p | L | | | | brown green, semi consolidated w/some grain dark blue, limestone fragment, granule size |
| NGJ2/43 | 3 | 3.50 | 6.00 | 2.50 | Cg | | g | sr | p | L | | | | Core Loss |
| NGJ2/43 | 4 | 6.00 | 7.00 | 1.00 | Cg | | g | | | | | | | dark blue, limestone fragment, granule size |
| NGJ2/43 | 5 | 7.00 | 14.60 | 7.60 | Fl | | g | | | | | | | blue gray, w/pebble(not much), shear 50 degree at 14.60m |
| NGJ2/43 | 6 | 14.60 | 21.50 | 6.90 | Fl | | g | | | | | | | blue gray-dark blue, w/pebble-granule, shear 45 degree at 17.60m |
| NGJ2/43 | 7 | 21.50 | 39.00 | 17.50 | Fl | | g | | | | | | | blue gray, w/granule(not much), shear 65 degree at 28.60m |
| NGJ2/43 | 8 | 39.00 | 40.50 | 1.50 | Cg | | p | sr,sa | p | L | | | | blue gray, limestone fragment, quartz shale etc very much |
| NGJ2/43 | 9 | 40.50 | 46.15 | 5.65 | Fl | | g | | | | | | | blue gray, w/pebble(not much), shear 45 degree at 44.50m |
| NGJ2/43 | 10 | 46.15 | 48.00 | 1.85 | Fl | | g | | | | | | | blue gray, w/pebble-granule |
| NGJ2/43 | 11 | 48.00 | 85.60 | 37.60 | Fl | | g | | | | | | | blue gray, w/pebble-granule(not much), shear 65 degree at 57.10m, 70 degree at 75.25m, 76.30m, 76.50m, 76.90m, 60 degree at 78.50m, 79.20m, 79.35m, 80.75m |
| NGJ2/43 | 12 | 85.60 | 86.40 | 0.80 | Cg | | p | sr | p | L | | | | blue gray, limestone fragment, sandstone pebble very much |
| NGJ2/43 | 13 | 86.40 | 93.40 | 7.00 | Fl | | g | | | | | | | blue gray, w/granule(not much) |
| NGJ2/43 | 14 | 93.40 | 95.00 | 1.60 | Cg | | p | sr | p | L | | | | blue gray, limestone fragment, sandstone pebble very much |
| NGJ2/43 | 15 | 95.00 | 100.15 | 5.15 | Fl | | g | | | | | | | blue gray, w/granule(not much) |
| NGJ2/43 | 16 | 100.15 | 100.50 | 0.35 | Cg | | p | sr | p | L | | | | blue gray, limestone fragment, sandstone pebble very much |
| NGJ2/43 | 17 | 100.50 | 120.10 | 19.60 | Fl | | g | | | | | | | blue gray, w/granule, shear 40 degree at 109.60m, 110.00m, 60 degree at 114.70m |
| NGJ2/43 | 18 | 120.10 | 120.22 | 0.12 | Cg | | p | sr | p | L | | | | blue gray, limestone fragment, very coarse sandstone-siltstone |
| NGJ2/43 | 19 | 120.22 | 128.65 | 8.43 | Fl | | g | | | | | | | blue gray, w/more granule |
| NGJ2/43 | 20 | 128.65 | 129.50 | 0.85 | Cg | | p | sr | p | L | | | | blue gray, limestone fragment, sandstone-siltstone granule-pebble, shear 45 degree at 131.70m |
| NGJ2/43 | 21 | 129.50 | 134.50 | 5.00 | Fl | | g | | | | | | | brownish gray, w/limestone fragment, shear 60 degree at 131.65m |
| NGJ2/43 | 22 | 134.50 | 139.80 | 5.30 | Fl | | m | | | m | | | | dark yellowish orange, compact, shear 35 degree at 136.60m, 45 degree at 137.45m, limestone nodule |
| NGJ2/43 | 23 | 139.80 | 149.30 | 9.50 | Fl | | g | | | | | | | moderately reddish brown, fragment of limestone, shear 65 degree at 147.70m |
| NGJ2/43 | 24 | 149.30 | 149.80 | 0.50 | Cg | | p | sr | p | L | | | | moderately reddish brown, sandstone/siltstone/shale/rare limestone, matrix mudstone/silt |
| NGJ2/43 | 25 | 149.80 | 150.20 | 0.40 | Fl | | g | | | | | | | reddish brown, w/pebble at 150.00 - 150.20m, compact |
| NGJ2/43 | 26 | 150.20 | 154.45 | 4.25 | Fl | | m | | | | | | | dark yellowish orange, calcareous |
| NGJ2/43 | 27 | 154.45 | 154.65 | 0.20 | Cg | | p | | | | | | | reddish brown, sandstone/siltstone/shale/rare limestone, matrix mudstone/silt |
| NGJ2/43 | 28 | 154.65 | 155.80 | 1.15 | Fl | | g | | | m | | | | reddish brown, compact |
| NGJ2/43 | 29 | 155.80 | 157.80 | 2.00 | Fl | | m | | | | | | | dark yellowish orange, soft - stiff, compact, shear 50 degree at 157.20m |
| NGJ2/43 | 30 | 157.80 | 161.30 | 3.50 | Fl | | g | | | | | | | moderately reddish brown, fragment of limestone pebble mixed in part |
| NGJ2/43 | 31 | 161.30 | 162.30 | 1.00 | Fl | | m | | | | | | | dark yellowish orange, soft - stiff, plastic |
| NGJ2/43 | 32 | 162.30 | 171.40 | 9.10 | Fl | | g | | | | | | | moderately reddish brown, fragment of limestone pebble, shear 45 degree at 164.75m |
| NGJ2/43 | 33 | 171.40 | 173.45 | 2.05 | Fl | | m | | | | | | | dark yellowish orange, soft - stiff, plastic, shear 45 degree at 172.45m, w/granule in lower part |
| NGJ2/43 | 34 | 173.45 | 174.20 | 0.75 | Cg | | p | sr | p | | | | | dark yellowish orange, soft - stiff, fragment of limestone pebble, mixed in part |
| NGJ2/43 | 35 | 174.20 | 176.00 | 1.80 | Fl | | m | | | | | | | dark yellowish orange, soft - stiff, plastic |
| NGJ2/43 | 36 | 176.00 | 178.70 | 2.70 | Fl | | g | | | | | | | moderately reddish brown, fragment of limestone pebble mixed in part |
| NGJ2/43 | 37 | 178.70 | 183.50 | 4.80 | Fl | | m | | | | | | | dark yellowish orange, soft - stiff, plastic |
| NGJ2/43 | 38 | 183.50 | 185.60 | 2.10 | Cg | | p | sr | p | | | | | moderately reddish brown, sandstone/siltstone/mudstone/shale/rare limestone, matrix clay/silt |
| NGJ2/43 | 39 | 185.60 | 188.60 | 3.00 | Fl | | g | | | | | | | moderately reddish brown, fragment of limestone pebble mixed in part |
| NGJ2/43 | 40 | 188.60 | 192.05 | 3.45 | Fl | | m | | | | | | | dark yellowish orange, soft - stiff, plastic |
| NGJ2/43 | 41 | 192.05 | 194.00 | 1.95 | Fl | | g | | | | | | | moderately reddish brown, fragment of limestone pebble mixed in part |
| NGJ2/43 | 42 | 194.00 | 200.00 | 6.00 | Fl | | m | | | | | | | dark yellowish orange, soft - stiff, plastic, shear 60 degree at 195.20m, 35 degree at 196.55m |

| HOLE NAME | NGJ1/43 | Rec No. | From | To | Thickness | MajorID | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|-----------|---------|---------|--------|-------|-----------|-------------------|-------|----------|------------|---------|---------|------------|----------|-----|--|
| NGJ1/43 | 40 | 97.25 | 97.35 | 0.10 | Cl | low quality coal | | | | | L | | | | brownish black, dull, moisture, friable |
| NGJ1/43 | 41 | 97.35 | 97.48 | 0.13 | Cb | carbonaceous | | | | | L | | | | brownish gray, soft, plastic, cm |
| NGJ1/43 | 42 | 97.48 | 97.56 | 0.08 | Cl | low quality coal | | m | | | L | | | 48 | brownish black, dull, moisture, friable light olive gray, soft - stiff, plastic |
| NGJ1/43 | 43 | 97.56 | 98.43 | 0.87 | Fl | high quality coal | | m | | | L | | | | brownish black, dull - semibright, hard, subconoidal fracture olive black, hard, compact, rare coal fragment |
| NGJ1/43 | 44 | 98.43 | 99.15 | 0.72 | Ch | high quality coal | | m | | | L | | | | brownish black, hard, compact, small molluscan fossil |
| NGJ1/43 | 45 | 99.15 | 99.80 | 0.65 | Fl | high quality coal | | m | | | L | | | 52 | olive black, hard, compact, small molluscan fossil |
| NGJ1/43 | 46 | 99.80 | 100.00 | 0.20 | Ch | high quality coal | | m | | | L | | | | olive black, hard, compact, small molluscan fossil |
| NGJ1/43 | 47 | 100.00 | 100.45 | 0.45 | Fl | low quality coal | | m | | | L | | | | brownish black, dull, hard |
| NGJ1/43 | 48 | 100.45 | 100.65 | 0.20 | Cl | high quality coal | | m | | | L | | | | brownish black, semibright, hard, brittle |
| NGJ1/43 | 49 | 100.65 | 100.85 | 0.20 | Ch | high quality coal | | m | | | L | | | | olive gray, soft, plastic |
| NGJ1/43 | 50 | 100.85 | 100.90 | 0.05 | Cb | carbonaceous | | m | | | L | | | | brownish gray, stiff, cm |
| NGJ1/43 | 51 | 100.90 | 101.10 | 0.20 | Fl | carbonaceous | | m | | | L | | | | olive gray, soft, plastic |
| NGJ1/43 | 52 | 101.10 | 101.15 | 0.05 | Cb | carbonaceous | | m | | | L | | | | brownish gray, soft, cm |
| NGJ1/43 | 53 | 101.15 | 101.33 | 0.18 | Cl | low quality coal | | m | | | L | | | | brownish black, dull - semibright, hard - brittle |
| NGJ1/43 | 54 | 101.33 | 101.73 | 0.40 | Fl | high quality coal | | m | | | L | | | | light olive gray, soft, plastic, cm |
| NGJ1/43 | 55 | 101.73 | 101.90 | 0.17 | Ch | high quality coal | | m | | | L | | | | black, semibright, hard, brittle, subconoidal fracture |
| NGJ1/43 | 56 | 101.90 | 102.00 | 0.10 | Cl | low quality coal | | m | | | L | | | | brownish black, dull, friable |
| NGJ1/43 | 57 | 102.00 | 103.25 | 1.25 | Fl | low quality coal | | m | | | L | | | | light olive gray, soft, plastic |
| NGJ1/43 | 58 | 103.25 | 103.40 | 0.15 | Cb | carbonaceous | | m | | | L | | | | brownish black, stiff, cm |
| NGJ1/43 | 59 | 103.40 | 103.60 | 0.20 | Cl | low quality coal | | m | | | L | | | | brownish black, dull, soft, moisture, clayey |
| NGJ1/43 | 60 | 103.60 | 103.87 | 0.27 | Ch | high quality coal | | m | | | L | | | | black, semibright, hard, subconoidal fracture |
| NGJ1/43 | 61 | 103.87 | 106.85 | 2.98 | Fl | high quality coal | | m | | | L | | | | light greenish gray, clayey, soft, medium plastic |
| NGJ1/43 | 62 | 106.85 | 107.35 | 0.50 | Fl | carbonaceous | | m | | | L | | | | brownish gray, very soft, high plastic, cm, coal fragment |
| NGJ1/43 | 63 | 107.35 | 107.50 | 0.15 | Cb | carbonaceous | | m | | | L | | | | brownish gray, soft, plastic, clayey, w/Cb at 107.77 - 107.80m |
| NGJ1/43 | 64 | 107.50 | 111.55 | 4.05 | Fl | carbonaceous | | m | | | L | | | | brownish black, soft, plastic, cm, coal fragment, w/Fm at 112.02 - 112.27m, w/Cl at 112.55 - 112.65m, shear 43 degree at 112.15m |
| NGJ1/43 | 65 | 111.55 | 112.85 | 1.30 | Cb | carbonaceous | | m | | | L | | | | brownish gray, soft, plastic |
| NGJ1/43 | 66 | 112.85 | 113.00 | 0.15 | Fl | low quality coal | | m | | | L | | | | brownish black, dull, friable, hard |
| NGJ1/43 | 67 | 113.00 | 113.10 | 0.10 | Cl | low quality coal | | m | | | L | | | | light greenish gray, soft, medium plastic, pyrite crystal in upper part, calcareous pebble at 116.30 - 116.50m, shear 40 - 50 degree at 114.00 - 123.75m, w/ cm coal fragment at 115.25 - 115.45m |
| NGJ1/43 | 68 | 113.10 | 124.35 | 11.25 | Fl | low quality coal | | m | | | L | | | | dark yellowish orange - moderately reddish brown, soft - stiff, medium plastic, slightly, rare limestone pebble in some part, shear 40 - 60 degree at 136.00 - 138.00m, 143.00 - 151.00m, and hard, calcareous siltstone, weathered limestone at 154.55 - 154.85m |
| NGJ1/43 | 69 | 124.35 | 175.40 | 51.05 | Fl | Core Loss | | m | | | L | | | | Core Loss |
| NGJ1/43 | 70 | 175.40 | 178.00 | 2.60 | Fl | Core Loss | | m | | | L | | | | Core Loss |

| HOLE NAME | NGJ1/43 | Major | Detailed | Sphericity | Sorting | Bedding | Lamination | Basement | Dip | Comments |
|--------------|---------|-------|----------|------------|---------|------------------|------------|----------|---------|--|
| Borehole No. | Rec No. | From | To | Thickness | MajorID | Major | MajorID | Major | MajorID | MajorID |
| NGJ1/43 | 1 | 0.00 | 0.50 | 0.50 | E | | | | | dark yellowish orange, fine - medium sand mixed, soft, plastic |
| NGJ1/43 | 2 | 0.50 | 11.50 | 11.00 | Ft | | | | | dark yellowish orange - moderately reddish brown, soft - stiff, medium plastic, slightly - moderately compact, w/ limestone pebble, mottled of light greenish gray, moderately reddish brown, shear 50 - 60 degree at 6.00 - 8.50m |
| NGJ1/43 | 3 | 11.50 | 13.10 | 1.60 | Ft | | | | | moderately reddish brown - dark yellowish orange, slightly compact, pebble of mudstone subrounded, quartz, shear 60 degree at 13.50m, w/Ftm at 13.35 - 13.70m |
| NGJ1/43 | 4 | 13.10 | 18.60 | 5.50 | Ft | | | | | moderately reddish brown, compact, hard, pebble of limestone impact, w/soft 16.40 - 17.46m |
| NGJ1/43 | 5 | 18.60 | 19.00 | 0.40 | Cg | | | | | calcareous cement |
| NGJ1/43 | 6 | 19.00 | 21.75 | 2.75 | Ft | | | | | moderately reddish brown, stiff, compact |
| NGJ1/43 | 7 | 21.75 | 22.50 | 0.75 | Ft | | | | | greenish gray, stiff, silt - very fine sand mixed, calcareous cement, moderately reddish brown, soft - stiff, medium plastic, slightly - moderately compact, w/ limestone pebble, mottled of light greenish gray, moderately reddish brown, shear 50 - 60 degree at 6.00 - 8.50m |
| NGJ1/43 | 8 | 22.50 | 22.70 | 0.20 | Ft | | | | | moderately reddish brown, siltstone (mainly), mudstone, silt, matrix, clay, silt, calcareous cement |
| NGJ1/43 | 9 | 22.70 | 22.95 | 0.25 | Cg | | | | | moderately reddish brown, hard, fragment of limestone pebble, changed color to greenish gray at 24.00 - 24.80m, 27.15 - 28.15m, 28.45 - 28.80m |
| NGJ1/43 | 10 | 22.95 | 29.70 | 6.75 | Ft | | | | | greenish gray, slightly compact, pebble of siltstone, size 1 - 3cm |
| NGJ1/43 | 11 | 29.70 | 30.00 | 0.30 | Cg | Core Loss | | | | Core Loss |
| NGJ1/43 | 12 | 30.00 | 35.40 | 5.40 | Cg | | | | | greenish gray, hard, cement in lower part, framework, sandstone, silt, mudstone, matrix, silt, very fine sand, slightly calcareous |
| NGJ1/43 | 13 | 35.40 | 35.70 | 0.30 | Cg | | | | | moderately reddish brown, stiff, rare pebble in some part |
| NGJ1/43 | 14 | 35.70 | 39.10 | 3.40 | Ft | | | | | dark yellowish orange, framework, mudstone, silt, size 0.2 - 2cm, matrix clay, silt |
| NGJ1/43 | 15 | 39.10 | 41.30 | 2.20 | Cg | | | | | dark yellowish orange, stiff - hard, pebble mixed in part, shear 45 - 65 degree at 43.30 - 44.70m, pebble of limestone mixed in part, mottled of moderately reddish brown |
| NGJ1/43 | 16 | 41.30 | 47.85 | 6.55 | Ft | | | | | moderately reddish brown, mottled color, stiff |
| NGJ1/43 | 17 | 47.85 | 48.63 | 0.78 | Ft | | | | | Core Loss |
| NGJ1/43 | 18 | 48.63 | 50.00 | 1.37 | Ft | Core Loss | | | | moderately reddish brown, mottled color, stiff |
| NGJ1/43 | 19 | 50.00 | 51.80 | 1.80 | Ft | | | | | moderately blue gray, sandstone, mudstone, pebble |
| NGJ1/43 | 20 | 51.80 | 54.40 | 2.60 | Ft | | | | | moderately reddish brown, stiff, limestone pebble at some part |
| NGJ1/43 | 21 | 54.40 | 65.00 | 10.60 | Ft | | | | | moderately blue gray, siltstone, mudstone, quartz, silt pebble |
| NGJ1/43 | 22 | 65.00 | 67.80 | 2.80 | Ft | | | | | moderately reddish brown, stiff, some limestone pebbles |
| NGJ1/43 | 23 | 67.80 | 71.70 | 3.90 | Ft | | | | | moderately blue gray, siltstone, mudstone, quartz, silt pebble |
| NGJ1/43 | 24 | 71.70 | 73.20 | 1.50 | Ft | | | | | moderately reddish brown, stiff, some limestone pebbles, shear 45 - 50 degree at 73.20 - 74.20m |
| NGJ1/43 | 25 | 73.20 | 75.00 | 1.80 | Ft | | | | | moderately blue gray, siltstone, mudstone, silt, quartz, pebble, size 0.5 - 4cm |
| NGJ1/43 | 26 | 75.00 | 78.75 | 3.75 | Ft | | | | | moderately reddish brown, soft - stiff, medium plastic |
| NGJ1/43 | 27 | 78.75 | 79.75 | 1.00 | Ft | | | | | moderately reddish brown, siltstone, mudstone, silt, quartz, pebble |
| NGJ1/43 | 28 | 79.75 | 81.25 | 1.50 | Ft | | | | | moderately reddish brown, soft - stiff, medium plastic, shear 60 degree at 83.60m |
| NGJ1/43 | 29 | 81.25 | 86.20 | 4.95 | Ft | | | | | greenish gray, stiff, n(CaCO3) |
| NGJ1/43 | 30 | 86.20 | 88.20 | 2.00 | Ft | | | | | Core Loss |
| NGJ1/43 | 31 | 88.20 | 88.70 | 0.50 | Ft | | | | | Core Loss |
| NGJ1/43 | 32 | 88.70 | 91.85 | 3.15 | Ft | | | | | brownish gray, stiff, medium plastic, cm in lower part |
| NGJ1/43 | 33 | 91.85 | 92.50 | 0.65 | Ci | low quality coal | | | | brownish black, dull, friable, moisture, small molluscan fossil |
| NGJ1/43 | 34 | 92.50 | 92.70 | 0.20 | Ft | | | | | brownish gray, hard, molluscan fossil |
| NGJ1/43 | 35 | 92.70 | 93.00 | 0.30 | Cb | carbonaceous | | | | brownish black, soft, plastic, cm, coal fragment |
| NGJ1/43 | 36 | 93.00 | 95.47 | 2.47 | Ft | | | | | light olive gray, soft - stiff, plastic, pyrite crystal |
| NGJ1/43 | 37 | 95.47 | 95.75 | 0.28 | Cb | carbonaceous | | | | brownish black, soft, plastic, cm, coal fragment |
| NGJ1/43 | 38 | 95.75 | 96.80 | 1.05 | Ft | | | | | light olive gray, soft - stiff, plastic, cm, w/Ftm at 96.10 - 96.15m |
| NGJ1/43 | 39 | 96.80 | 97.25 | 0.45 | Cb | carbonaceous | | | | brownish gray, soft, plastic, cm, w/Ftm at 97.00 - 97.25m |