18 FR 3-20

 Depths from Bga - Catotoin

Box 1 N 50 E 5

4-30-81 Compacted slag - 1.22' BD to 2.30' BD

Box 2 N 30 E 15

4-22-81 Trench - Trench line again to @ in N 30 E 15
4-22-81 Dark grayish-brown clay with flecks and larger pieces of fungus slag - stripping down from backhoe level below "forge scale" level onto charcoal/slag - Top 1.80 - 2.59' BD
4-23-81 slag layer - large pieces of slag - compacted thick lines of charcoal - Under "hammer scale" layer - 2.59' BD to

Box 3 N 90 W 10

5-29-81 Purple clay above slag - Top 3' AD
6-1-81 "Purple" hard packed red shale - to 0'4' BD
6-1-81 Surface of red clay with some shale - 0'4' BD to

Box 4 N 30 E 5

4-30-81 Slag in clay - to 1.80'

Box 5 N 40 E 15

4-28-81 Mixture of sandy clay and slag - South half of square - 35" Below - 2.40 AD - Top of clay at center of square
4-28-81 Compact slag and charcoal - 2.22' BD
Box 6. N30° E25

5-14-81. Loose dark brown gravel with many rocks - Bottom 1'8" BD

5-18, 19, 20-81. Slag layer - all the way down to wetted clay beneath - Top 2'4½".

Box 7. N 90° E0

5-26-81. Driveway layer - Bottom on charcoal - 0'8" AD at North break

5-27-81. Charcoal over red shale and brown sand (to west) Top 0'8½" AD at North break 0'7" AD on red shale - Bottom

Box 8. N 50° E25

6-12-81. Loose mixed with slag layer below charcoal and red shale - Top 2'5" BD

Box 9. N 40° E45

6-4-81. Layer of brown soil - mixed over water in NE. Came up over charcoal and slag in South half.

6-4-81. Charcoal & Slag - Top 2'5½" BD

6-10-81. Mixed slag below yellow mortar, above wood chips - NE 4' BD - SW 39' BD - from base of layer

6-11-81. Loose mixed slag below yellow mortar, above wood chips - 41'/39' BD
Box 10  11/60. W. 10
4-28-81.  Compacted yellow clay with iron concentrations (slag) which comes up in planks - 2 24' 190 to 1 31 70
4-28-81  purple shale in "road bed" - 1 73 90 to 1 47 70

Box 11  N50 E45  Box 10  1 7
5-27-81  brown gravelly soil just above reddish shale - 26" B.D. - bottom of gravel
5-27-81  red shale above yellow marl and around scopes - 26" top of red shale
6-5-81  marl surface - SW 35' B.D. NE 30' 1/2" B.D - levels from surface of charcoal & slag

Box 12  W60 W. 5
5-22-81  hard packed red shale - on surface - top 10" B.D

Box 13  N30 E15
4-22-81  Slaggy layer on either side of stone wall - cleaning down from level under filter cloth - 2 63' 80 to 2 91' 33' 80
4-23-81  Slag layer - Avg 1/2 - Level C 216 B.D to 297/2 90

Box 15  N50 E15
5-7-81  black clay i brown gravelly layer beneath - inside S1 beneath floor - Bottom 20" B.D
5-7-81  mixed charcoal (with slag) in NE Corner & brown gravelly soil with much slag elsewhere above hard slag - 2'0" to 1'10 1/2" / 2'5 1/2" B.D
Box 16  7140 E25
5-14-81. Reddish layer between "Hammered" clay and charcoal & brown loam - 1'10 1/2" to 1'11 1/2" BD
5-14-81. Charcoal and brown loam below filter cloth 1'11 1/2" BD to 5-18-81. Red shale, brown loam, charcoal (in SW Corner), pink
5-19-81. Clay (in SW Corner) all above hard packed surface of slag - bottom: 2'4" BD

Box 19  1 of 2  N50 E35
5-29-81. Brown gravelly soil above charcoal (near F1) and red shale. - Top of charcoal: 22" BD Top of red shale: 25" BD
5-29-81. Red shale - Top: 2'1" BD

Box 19  2 of 2  N50 E35
6-5-81. Top of charcoal & slag below maroon & gray clay - surface of slag. SW Corner: 32" BD NE Corner: 29" BD
6-10-81. Mixed slag below yellow maroon - from base of layer measurements are: NE: 2'5" BD SW: 2'9 1/2" BD

Box 20  N50 W5
5-13-81. Red layer over slag & charcoal - Top: SE 1'4" BD NW 11 1/2" BD
5-14-81. Charcoal with slag layer over hard packed red shale
1'6"/1'9" BD 1'6" BD in SE corner - bottom of level: 23" BD

Box 21  N80 W10
5-25-81. Top of red shale. charcoal - Red shale measures: SE Corner: 1" BD NW wall: 2" BD
Box 22  W 40 E 5

5-4-81. Probably from "hammiscali" clay which was thought to be slag - from layers above hard-packed slag layer (2 ft) & red clay (south half - to 17 1/2 BD).  

5-4-81. Compacted slag layer - equiv to that beside west wall of 31 in 73 50 E 5 - 17 1/2 BD to 2 9 1/2 BD.  

5-4-81. Gravelly brown loamy fill-in-s above wood-lining of trench between E 15 line and N/S wall running through trench - 2 3 1/2 BD to 2 6 1/2 BD.  

5-5-81. Cleaning off mottled red clay with charcoal surface - finish = 2 7 1/2 BD.

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Box 24  W 40 E 35

5-29-81. Levels from gravelly surface below "hammiscali clay" - SE corner 27 1/2 BD (charcoal/slag), NE corner 28 1/2 BD (charcoal/slag/soil).  

6-1-81. Levels from red shale below loamy soil - SE corner 27 3/4 BD, NW corner 27 3/4 BD, SW corner 27 1/2 BD, SE corner 31 1/2 BD.  

6-2-81. Levels from top of wood - NE corner 33 1/2 BD, top of slag/charcoal in SE corner 33 1/2 BD, top of mator in NE corner 29 1/2 BD.  

6-5-81. Top of charcoal & slag - level of wood beam 33 1/2 BD, surface of slag 31 1/2 BD.  

6-10-81. Loose slag above wood chips = (bulbs are hard to read) looks like 35 1/2 BD, other look is 31 1/2 BD.
5-27 N20W5

5-19-81 Gray clay below charcoal and above brown gravelly sand
Top 2'6" BD

5-20-81 Brown-grey silty clay with black fragments & rocks
at base - along west side of square in depression below
Red shale removed 5/17 - bottom 3'0" BD -
Bottom of central trough - on pink clay with rock
North 2'11" BD South 3'1½" BD.

Box 31 N70E50

6-10-81 Blacktop over road stones and loam beside it
1'4" AD to 0'8½" AD - for W70E50 & N80E50

7-9-81 Reddish brown clayey soil beneath charcoal &
slag in test trench along north side of square.
Trench Bottom - 1'4" BD - Wall bottom 1'6" BD.

Box 33 N40E15+W30E25 - Wood samples

4-20-81 Mixture of sandy clay & slag - south half of square
35" below - 25' AD - from top of clay at center.

5-18, 19, 20-81 Slag layer - all the way down to mottled
clay beneath - Top 2'4½".

Box 34 N110W10

4-21-81 10YR3/2 VERY DARK GYPSY BROWN GRAVELLY LOAM with
many inclusions, brick fragments & charcoal 2'33/2.23' AD to
1'88/1'47' AD

4-22-81 DARK REDDISH BROWN SANDY LOAM with slag & charcoal
2'33/2.23' AD to 2'08' AD
Box 35 N 80 E 35

6-21-81 Interface: yellow clay & recent slag fill - lumps from brown layer - NE Cor 0" AD SW Cor 5" AD
7-1-81 reddish-brown clayey soil with some slag, overlying light brown thin matrix surface on south side of rubble wall - closing SW = 1'5" BD NE = 1'7½" BD
7-2-81 reddish-brown clay beneath matrix surface, south of wall - closing depths 2'½" in SW & SE corners on surface of next layer

Box 26 N 70 E 10

— Yellow-brown gravel beneath quartz & above reddish brown soil - depths from base of layer 1" AD in SW 1" BD in NE

6-16-81 brown gravelly soil beneath yellow brown and above purple shale - depths from base of layer SW = 1' BD NE = 3" BD

6-17-81 purple shale above charcoal - NW = 1' BD SW 5" BD NE = 6" BD

6-25-81 Top of red clay - below charcoal and slag layer NE = 12" BD SW = 1'0" BD

6-29-81 Top surface of red clayey soil beneath charcoal and slag - lumps from conclusion of unit - but a few inches into the red layer - not bottom - NE (Trench) 2'½" BD SE = 1'4" BD SW = 1'0" BD