ENTERED

TA-21
MDA-B
Investigation/Remediation
DOE-OB field Notes

MDA B borehole sampling
7.15.11

C.P. on site @ 0830 — sampling crew: C. PERKINS, C. CHRISTENSEN

VERY SMOKY!

- borehole slightly W. of R51 (Enc 9 area)
- hole to ~ drilled yesterday 7.14.11 & samples split w/ LANL/NMED for Total U, Sr-90, Cl0, (50' TD)
- ~~auger~~ bit (small discrete area of dirt) used for 7.14.11 drilling reading 5000 dpm for alpha this AM; samples 'swiped out' okay according to Candace
- holes backfilled w/ bentonite pellets & water pumped in @ [illegible]
- THIS HOLE: NO CORE BARREL INITIALLY TO GET THRU 'CLEAN' (BACK)FILL
  - drilling begins 0356
  - 'clean' fill shoveled fr. around hole/auger into plastic
  - cobbles ~7'-9' ?? (fill)
  - " ~12' (fill)
  - core barrel in 15'-20', ~2' of core
    plastic liner, clear glass bottle rim ← (still fill)
  - core barrel in 20'-25'
    - out 0953

verbal description from field crew

34956

7-15-11

- sample of core from 20'-25' cont'd
  - tuff @ 21½'
- sampler breaks off portion of core (~1')
  from bottom of core & put into stainless
  steel bowl - not used, will be disposed
- breaking pieces of core off from 21½ - 24' into (10:03)
  stainless steel container, using rock hammer
  - all equipment decomned w/ Fantastik
  - Rad tech scanning core during crushing
  - core pieces smashed w/ rock hammer
    to get 'enough powder' to fill
    sample containers, homogenized mixed in container
  - bottles filled with crushed tuff using
    stainless steel scoop
  - field screened for volatiles

Location ID: MDAB614483
Sample ID: DSMDAB-11-22290

C. Perkins
S. Yanicek

Bill O'Neill (Northwind) 10/19/10 ~10:30

MDA-B

ENC. #7 R. 19~~5~~6 Confirmatory Sampling

RCT: <20 cpm @ bucket for release

~10:30-11:30 w/ backhoe

N. Wall - excavated small area ~1/2 up wall, excav. fill to bottom of trench, sample of tuff from wall in bucket, bucket set on plastic, sample team breaks up sample + homogenizes in stainless steel tub, sieved crushed sample into stainless steel bowl, steel scoop into sample bottles, cleaned exterior bottle w/ Fantastik, cleaned/decoined equip, bucket cleaned [illegible]

~~~12:45~~

FLOOR - ~11:45 - 12:45

same as above

~12:45

S. Wall - sampler on extendable boom across trench, manual excavation w/ [illegible] on wall [illegible] same [illegible]
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