

Linn Havelick

From: Richard Porter
Sent: Tuesday, May 04, 2004 5:11 PM
To: Linn Havelick
Subject: Creekside Observations 5/4 PM
Attachments: GAMMA SURVEY RECORD.jpg; SMALL HOT SPOT.jpg; 14000 CPS STREAK.jpg; HOT SPOT.jpg

Linn:

Things looked a little more "together" this afternoon. I asked Sally about records for the gamma surveys. At first she said it was "mostly up here" (pointing to her head), but when I pressed her about a written records she produced the sheet shown in the attachment with a rough sketch and reading values. She said that an exact survey (ie with GPS locations) would have been too costly. Later while out at the site I saw Drew (one of the survey guys) filling out the same form with reasonable care. I think you would be hard pressed to produce a 3-dimensional model of the contaminated zones from these kinds of crude records, but at least there is something.

I watched him search for remaining hot spots and come across a very small but pretty active location (see attached photo). There seemed to be pretty good coordination between him and the excavator operator.

I watched Drew verify the edge of a previously marked area, which did read well over 10,000 CPS as it was supposed to. There was a thin layer of yellowish dirt about a foot below the surface (see attached photo) that appeared to be the source.

Today all the air pumps WERE working. I was assured by Sally that they had not seen any readings of note to date, although I did not see a tabulation of data. I had been pressing her pretty hard about other stuff and decided to leave that for a later day.

I also noticed that the decontamination tub had been cleaned up and filled with clean water since yesterday. Nobody left the site while I was there so I couldn't see if they were checking their boots.

Sally acknowledged that they were not sampling the bags responding that: "The State didn't want them to do it that way". She said they (the State) wanted to see "what was in the hole" and the verification of acceptable readings after excavation was complete.

Dick





CSMRI EXCAVATION GAMMA SURVEY

Date: 4-21-04

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Area: J

Radiological Technician: Drew

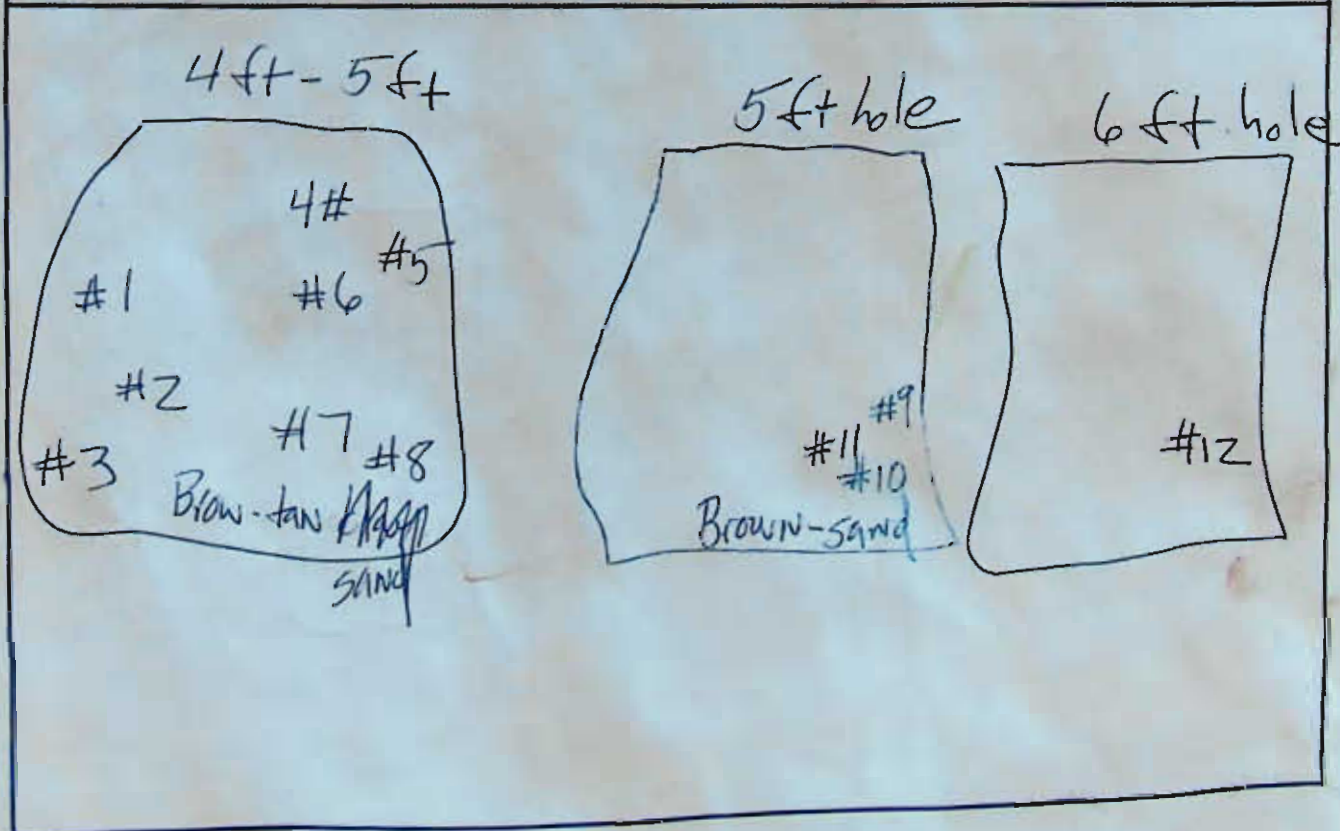
Depth: 4 ft

Instrument: Gamma

Bag #: 11, 12, 13, 14, 15, 16, 17

Time		Gross CPM	Time		Gross CPM	Time		Gross CPM
1	12:00	13445	11	2:10	14895	21		
2	12:00	11236	12	2:30	13475	22		
3	12:00	201230	13			23		
4	12:00	12235	14			24		
5	12:00	11436	15			25		
6	12:00	11565	16			26		
7	12:00	13255	17			27		
8	12:00	15346	18			28		
9	2:00	12226	19			29		
10	2:00	15345	20			30		

Drawing



Reviewed by: _____ Print _____ Signature _____ Date _____

