that Tom had turned on to help thaw + had asked Jesse to come back + turn off. Jesse got busy or forgot + did not turn hose off. It ran for only 1-2 hours before it was caught by Gary. I discussed the issue with Tom + he will be sure it doesn't happen again
- Penny + Tina left early to go to Carson + catch up on office work. Raymond prepared more sample kits.
- Packaged ½ of weekend samples in dry ice (3 coolers) + shipped to Sequoia. Shipped fridays samples to Seq. Packaged + Shipped 5 coolers to Energy lab w/all weekend samples.
- Tina GPS's all GW, UT + other soil locations completed to date. Returned GPS to Walnut Creek.

1/25/05 TUES. PBarrett

ONSITE: BC - Penny, Tina, Raymond, Chris
Brian Bass, Guy Graening
TT - Margaret
WDC1 - Jesse, Steve, Brent
WDC2 - Tom, Larry, mechanic

WEATHER: Temp: day - low 40s night: freezing
Slight wind has cleared out some of the fog. Ground still very muddy w/ snow + ice.

BOREHOLES: PA-MW1 - finished drilling + completed monitor well

- WDC1 - Jesse finished drilling MW1 (new location by Q.hut), + completed well. Water at ~90', drilled to ~110 (see log) Late afternoon moved + set up on PA-HH10 (angle soil) but did not drill
- WDC2 (Tom) - Drill rig down all day, no drilling. Late afternoon WDC mechanic arrived to repair + replace broken bearing. Should be running by tomorrow morning
- Brian Bass on site to review sampling techniques, confirm that things being done according to QAPP. No drilling/sampling done while here so we talked about it. Generally thinks things being done well, attention to detail. Left a list of things we should be sure to document in log book.
- Guy Graening here to repair AM6 controller, change out filters. First real air sample scheduled for Friday
- Brian trained Raymond on how to download data from weather station
- Sequoia called to report that yesterdays dry ice shipment was plenty cold (-22°F!) and that any liquid glass vials (trip blanks + field blanks) were frozen + shattered + no good.

1/26/05 WED. P Bassett

ON SITE: BC - Penny, Tina, Raymond, Chris, Chuck Z.
TT - Margaret
WDC 1 - Jesse, Steve, Brent
WDC 2 - Tom, Larry, mechanic
VISITORS - Nevada Mining Assoc.

WEATHER - Low 40° during day, freezing at night
Fog cleared but overcast, still v. wet & muddy

BOREHOLES - WDC 1 : HH8 - 12 - 25' angle
WDC 2 : S2, R1-R2, I1-I2

- WDC 1 (Jesse) - Worked on angle holes under tanks in sulfide plant area (HH). TT took split samples from two locations (HH 10 & HH11)
- WDC 2 (Tom) - Finished repairs on drill in morning, began drilling by ~9-10 am. Helper Bob left site yesterday for another job, not sure if he will be back or another replacement, or possibly no replacement.
- Sequoia notified that coolers shipped on dry ice received, liquid samples (trip blank + field blank) froze solid & broke the VOA vials. I will discontinue collecting TB + FB on weekends
- Chuck Z. on site. Checked out work areas, drill procedure, sample collection, etc. Discuss general project issues. Led tour of NMA personnel (~ 10 people) to areas on site & offsite (McArthur). NMA is offering suggestions on ways to minimize bad press, etc.

1/27/05 THUR P. Bassett

ON SITE: BC - Penny, Tina, Raymond, Chris
TT - Margaret
WDC1 - Jesse, Brent, Steve
WDC 2 - Tom, Larry

WEATHER: Low 40's, Partly cloudy (Some sunshine in am!)
muddy & wet, still some snow on ground.

BORE HOLES: WDC1: BBB2 - 25' angle
WDC 2: G1-G2, H1-H3

Cont'd →

1/27 Cont'd...

- Tina not feeling well, BC short one field person, so had to curtail WDC1 drilling activities. Penny sampled one drill hole (BBB2) + TT took splits. Jesse + crew spent a few hours cleaning up + getting equipment stored for long weekend + took off by ~12pm
- WDC2 (Tom) - Drilled until ~ 12pm then prepared equip + cleaned up for long weekend. All contractors off site by 1:30. WDC2 is plugging all boreholes w/ remnants of ~~soil~~ drill cuttings + mostly bentonite pellets. Pellets are less likely to bridge during hole filling.
- Packed + sent coolers for all remaining samples collected yesterday + today. No samples in fridge over weekend.
- BC personnel off site by 2pm

1/28/05 Fri P. Barrett

- No activity on site
- Sequoia called to say that one cooler (water samples?) was received that was out of temp. compliance. It was 9.7° C and should have been 4°. James will get more details + recommendations from receiving dep't at lab to see how we can prevent this.
- Also reported that some of the VOA vials w/ soil have not had much methanol left when received. Thinks the caps are not being put on tight enough. Also a few vials have not had full 5g soil sample, only 2-3g. We are not getting sampler full before inserting in vial. → I will talk to field techs to pay attention to these issues.

~~2/1/05 TUESDAY~~

1/31/05 MONDAY P. Barrett

- Meeting in Carson City w/ Sequoia Lab personnel
  - Kevin Calcagno
  - James Hartley
  - Tom Costello
- Discussed sample logistics, lab subs, variances etc.

2/1/05 TUESDAY P. Barrett

ONSITE: BC – Penny, Tina, Raymond
TT – Roy (afternoon)
WDC 1 – Jesse, Brent, Jake
WDC 2 – Tom, Larry
HSR – M. Le

Weather – Mid 40s, overcast, foggy in am. Ground still very muddy

BOREHOLES: WDC 1 – BBB 1, BBB 3, CCC 2, CCC 4 (angle soil)
WDC 2 – L2-4
M1-3

- WDC 1 (Jesse) – Completed angle soil boreholes under sludge ponds. Holes CCC 2+4 both had strong odorous organic contam to 25'. Continued CCC 4 to 30' because v. str. oil at 25'; 30' seemed pretty clean.
  - Moved rig to GW14 and started drilling but encountered thick concrete. Relocated closer to tanks & started again.
- WDC 2 (Tom) – Worked on 10' holes around warehouses & truck wash pad. Rig broke down @ 2:30, down rest of day.
- Steve Andrus quit WDC, was replaced by Jake on Jesse's crew. Jake will leave w/ Jesse. Gave him brief safety review in field.
- Mike Weeks on site doing some site prep work on air monitor locations

2/2/05 WEDNESDAY P. Bacon

ON SITE: Bc - Penny, Tina, Raymond, Chris Gardner
TT - Roy
WDC1 - Jesse, Brent, Jake
WDC2 - Tom, Larry
HSR - Mike

WEATHER: Mid 40s partly cloudy, still muddy but sun coming out

BOREHOLES: WDC1 (Jesse) - drilled on GW14, not complete
WDC2 (Tom) - C1-2, J1, V1, U1-2, Q1-4 } 10' vertical
SPLITS: C2, V1

- WDC1 - Drilled to ~130' on GW14, located west of Vat Leach tanks. Having problems recovering core at 110-130', it keeps falling out as they pull out. Will try boushing casing down to 130'. If that doesn't work they will put casing all the way down + install temp 2" casing for sampling.
- WDC2 - Drilled 100' (10' locations), making good progress
- Roy (TT) took 3 split soil samples on C2, V1, + ...
- Chris Gardner back to complete core logging + boxing.
- Mike worked on smoothing access to one of the air monitor locations.

2/3/05 THURSDAY P. Bacon

ON SITE: Bc - Penny, Tina, Raymond, Chris
TT - Roy, Margaret
WDC1 - Jesse, Brent, Jake
WDC2 - Tom, Larry

WEATHER - Mid 40s partly cloudy, foggy in morning. Ground still very muddy, not much wind.

BOREHOLES: WDC1 - GW14
WDC2 - N1, O1-3 } 10', EE11-13 - 20'

- WDC1 - Finished drilling GW14, hydropunch. Difficulty getting enough water for sample so WDC put in temp 2" casing, will sample tomorrow.

→

2/3/05 CONT'D

- I was told that Jesse's rig would be leaving the site by tonight but there is more work to do so they will stay a couple extra days. Work to be done includes development of monitor wells + removal of temp casing from 3 boreholes.
- Sequoia reported that 9 samples went past hold time from drill holes P18 + P19. We will redrill both holes + resubmit samples, Sequoia will pay drilling cost
- Sequoia reported that one soil sample 16oz jar broke in transit (PA-C[illegible]-[illegible]?) but sample is contained and can still be used.

2/4/05 FRIDAY Penny Barrett

ON SITE: BC - Penny, Tina, Raymond, Chris
TT - Margaret, Roy
WDC1 - Jesse, Brent, Jake
WDC2 - Tom, Larry

WEATHER: Freezing fog, mid 30s, cloudy most of day

BOREHOLES: EE14 W1, X1, Z1, YY1-2, II1-2
P18-19 (redrilled)
TT splits - EE14, P19

- WDC1 (Jesse) - Redrilled locations P18 + P19 (25' angle under vat leachtanks) because lab exceeded hold time on original VOC samples. Collected only 5035 kits Margaret took split on P19
- WDC2 (Tom) - worked on 16' verticals. Roy took one split of EE14 (north end Iron Launder Tanks)

2/5/05 SATURDAY Penny Barrett

ON SITE: BC - Penny, Tina, Raymond, Chris
TT - Margaret, Roy
WDC1 - Jesse, Brent, Jake
WDC2 - Tom, Larry

WEATHER: Freezing fog, mnd. A little sun late in day

BOREHOLES: P1-6
EE15

- WDC1 (Jesse) - Drilled P1-6 at gaps between vat leach tanks. Email from Jim Sickles / Craig Smith requested change from 5' vertical to 15' angle with 1 sample only at 15' depth. One gap could not be drilled because of concrete.
- WDC2 (Tom) - Worked on well development of monitor wells ~~as~~ supervised by Chris. Development included ① Swab the 2" casing to flush water thru screen, ② bail muddy water + sediment from bottom of well + ③ pump large volume water to purge well until water runs clear. Completed development of MW1 + MW3
- Tetratech packed up + left the site, didn't think they would be back for any future sampling

2/6/05 SUNDAY P. Barrett

ON SITE: BC - Penny, Tina, Chris
WDC1 - Jesse, Brent, Jake
WDC2 - Tom, Larry

WEATHER - Foggy in a.m. then Sunny, Mid 40's. First nice day in over a month!

BOREHOLES - EE16-20 - 30' angle
FFF1-8 - 25' vertical

WDC1 (Jesse) - finished angle holes under iron launder. Verbal approval from & Jim Sickles to step back further + collect samples on surface + bottom of bore hole (1', 5', 20', 25', 30')

WDC2 (Tom) - Worked w/ chris in am. to develop MW2 but pump is not working for final purge had to be done by hand w/ bailer. Moved to FFF Verticals by mid day.

2/7/05 MONDAY P. Barrett

ON SITE: BC - Penny, Tina, Raymond, Chris
WDC1 - Jesse, Brent, Jake
WDC2 - Tom, Larry

WEATHER: Partly cloudy, below freezing at night, high 30s day ground still muddy but drying

BOREHOLES: FFF9 (partial)

- WDC 1 (Jesse) - Drilled out temp casing from GW18. had to reinsert steel casing to get to depth. Got 100% of temp casing out of ground. Abandoned hole w/ bentonite + grout on top 10'.
  - On temp well GW9 I gave approval to pressure inject grout into 2" PVC casing so that it would push through screen into formation + then try to pull as much 2" casing out + grout remainder around outside. Was able to pull only top 30' of casing before it broke. The remainder was left in ground but had grout inside + outside. Should adequately seal up pathways in hole.
- WDC 2 (Tom) - Rig broke after 10' in FFF9, unable to complete entire 25' hole. Need to replace drill head. Tom loaded broken head on truck to drive to Minnesota + exchange for new head. Rig will be down until at least Tuesday 2/15
- Packed + shipped all weekend samples. VOA kit soils shipped frozen + on dry ice
- Sequoia notified they received one 16oz soil jar that was broken + punctured ziplock causing it to mix w/ ice melt water. (PA-Z1-1B)

2/8/05 TUESDAY P. Barrett

ON SITE: BC - Penny, Tina, Raymond, Chris
WDCI - ~~Jesse~~, ~~Brent~~, Jake, Larry
WEATHER: Partly cloudy, still muddy. M:d 40s
BOREHOLES: PA-GW14

- WDCI (Jesse) - Pulled out 2" temp casing from hole + then repositioned over original hole + drilled deeper (147'). Collected ~~sample~~, very muddy, full of sediment.
  - Gave WDC permission to move ~~Jesse's~~ rig from site + do no further soil drilling with it (he was willing to fill in for Tom + drill some shallow vertical holes)
- Caught up on preparation (sample kits, bagged ice). ~~Re~~ Worked on photo files. Filtered water sample.

2/9/05 WEDNESDAY P. Barrett

ON SITE: ~~BC~~ - Tina, Raymond

- No drilling or soils samples today. Tom's Rig still broken + Jesse is packing up + leaving site today.
- Tina collect water samples from monitor wells (PA-MW2 and MW3)
- Raymond replaced faulty controller on one of the air monitors
- Penny in office in Carson City.

2/10/05 — 2/28/05

No significant activities on site. No drilling, no samples collected. Minor backhoe work for drill site prep.

3/1/05 TUESDAY P. Barnett

ON SITE: BC – Penny, Raymond, Tina
WDC 2 – Tom, Larry
VISITORS – Dan, Ferriter, Ed Schneider, Jim Sickles, Art Gravenstein & others to discuss water management

WEATHER: Partly cloudy temp in mid 50s, freezing temps at night. Ground is drying and damp but not muddy.

BOREHOLES: FFF1 ⇒ FFF3 (25')

- WDC 2 – started on FFF9 trying to complete hole, collect samples at 15, 20, 25 but ground is loose fill + keeps collapsing on core + hole, very rocky. Tried drilling for ~ 2 hrs before giving up and moving to next location.
- Changed out all TLD badges including area monitors 1-5. Badges were scheduled to be changed on 2/15 but no one on site until 3/1. Area monitor badges were in place for ~ 45 days.
- Dan Ferriter and group on site to discuss solution management, did not involve BC. Dan notified Penny that there are still concerns that we could be tracking contaminated soil off site and asked that we do more to document radiation monitoring on people + equipment leaving the site. Also suggested we change shoes + leave work shoes on site.
- Packed and shipped one cooler to Sequoia, 2 to ELL

3/2/05 WEDNESDAY P. Bassett

ON SITE: BC - Penny, Raymond, Tina
WDC2 - Tom, Larry
WEATHER: Partly cloudy w/ moderate wind. No significant visible dust. Minor rain overnight but not enough to even wet the soil,
BOREHOLES: FFF 4-6 FFF13
RAD SAFETY: Penny shoes ~ 8 CPM (alpha meter)
Raymond " - 11 CPM

- WDC2 - Drilled 25' deep holes on FFF trench. Went back to collecting sample w/ split spoon to avoid heating of sample in core barrel
- Safety meeting to review changes in RadSafety/decon monitoring. New procedure will do the following:
  1. All field personnel will change shoes when they leave the site.
  2. Conduct periodic (2-3 times weekly?) scans of individuals shoes, vehicles, clothes to document a radiation trend
  3. Drill rig will be fully washed + decanned before leaving job site at end of work.
- Discussed logistics of sampling under concrete tanks and floors. Chuck does not want to break up concrete w/ jack hammer. Must drill or use concrete cutter. Tom says he can probably drill it.

3/3/05 THURSDAY P. Bassett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
WEATHER: Partly cloudy to sunny, mid 50s
BOREHOLES: FFF 14-15 FFF 10-12
RAD SAFETY: Raymonds shoes - 10 CPM

- WDC2 - Drilled 25' holes on FFF trench, completed 5 holes (125')
  Drilling is going well
- Completed gamma readings on all planned drill locations. Nothing of interest found, all readings < 30 uR, generally background levels. Readings being taken at waist height.

3/4/05 FRIDAY Penny Barnett

ON SITE: BC - Tina, Raymond
WDC2 - Tom, Larry
WEATHER: Partly cloudy, cold & windy in afternoon
BOREHOLES: FFF 16-18
EEE 15
RAD SAFETY: Raymond shoes - 8 CPM

- WDC2 - drilled 4 25' holes, no problems
- Penny in Carson City

3/5/05 SATURDAY - P. Barnett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
WEATHER: Sunny, mid-high 50s, calm
BOREHOLES: EEE 13-14, 11-12
RAD SAFETY: Penny (shoes) - 9 CPM
Raymond (shoes) 6 CPM
Tina (car tires) - 15 CPM
Raymond (car sidepanel) - 15 CPM

- WDC2 - drilled 4 25' holes until bolt broke on drill head, had to be repaired, no drilling after 2:30
- Penny boxed core from hole PA-GW4, completed & stored in truck shop
- Samples collected today are being frozen ~~in~~ for shipment on dry ice. Only 5035 kit for VOC/TPHG is frozen, 16oz glass jar is stored in refridgerator.

3/6/05 SUNDAY P. Bassett

ON SITE: BC - Penny, Tina
WDC2 - Tom, Larry
WEATHER: Sunny, low 60s
BOREHOLES: EEE 10, 9, 8, 7
RAD SAFETY: Penny (shoes) - 5 cpm
Toms truck - 10 cpm
Pennys truck - 4 cpm

- Drilled 4 25' holes along lower ditch at base of VLT. Some of the holes the soil is very orange, not sure if this is weathered native soil or leached material from VLT. Soil is generally pretty sandy here.

3/7/05 MONDAY P. Bassett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
WEATHER: Sunny, low 60s, slight breeze
BOREHOLES: EEE 6, 5
RAD SAFETY: Raymond (work shoes) - 5 cpm Tina (work shoe) - 4 cpm / (home shoe) 2 cpm
Penny (work shoes) - 3 cpm / (home shoes) - 2 cpm

- Drilled 2 25' holes until bolt came loose on drill head. Tom needed to get some lock-tight + tear down drill head to repair. Will be running by tomorrow a.m. Broke down at ~ 11:00 am, no drilling rest of day.
- Packaged and shipped all weekend samples, total of 14 coolers shipped. All VOC soil samples collected Friday p.m. through Sunday p.m. were frozen + shipped on dry ice. Soil jars were shipped in seperate coolers w/ wet ice (COCs were split. VOC samples handwritten on new COC)
- Conference call with Veridian to discuss data validation issues:
  - Penny to fax copies of COCs when level 4 requested
  - Will pick one day/week + request level 4 on all samples.
  - Sequoia level 4 not adequate + not equal to "standard level 4". Penny will send list of what Seq provided as included L4 to Veridian, who will review and modify if needed for what should be included
  - Concern w/ possible contaminated water in field blanks and equipment blanks. Should request different type of lab pure water.

3/8/05 - TUESDAY P. Barrett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry

WEATHER: Sunny, high 60s

BOREHOLES: EEE 4, 3, 2, 1

RAD SAFETY:

	work shoes	home shoes	car
~~Penny~~			
Tina			
Raymond			
Penny			

3/9/05 - WEDNESDAY

ON SITE: BC - Tina, Raymond
WDC2 - Tom Larry

BOREHOLES: WW 1 - 5

3/10/05 THURSDAY — 3/14/05 MONDAY

No work on site

3/15/05 TUESDAY P. Bassett

ON SITE: BC - Penny, Raymond
WDC2 - Tom, Larry
WEATHER: Sunny 50's - 60's
BOREHOLES: WW 6 - 10 (20' holes)

- WDC2 Drilled 20' holes in deep calcine ditch on North end of Process area. Some holes had sandy clay on upper samples, possibly clay lined ditch?

3/16/05 WED P. Bassett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom Larry
ARCC/BC - Dan Ferriter, Rick
WEATHER: Sunny in morning, cloudy + windy afternoon
BOREHOLES: AA 1-2, NN 1-2, OO 1, 3, 4, CC 1, P/O

- WDC2 drilling mostly 20' holes around core building, and Crushed areas
- Dan and Rick on site at 2:00pm to do - BP "Safety Assist", review of safety activities on the project. They observed drilling + met in office to talk about what is in BC's Safety Manual.

3/17/05 THURS P Bassett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
HSR - Mike Weeks
RMEC/BARTLETT - Frank DeRosso, Walter McMillon
WEATHER - Partly cloudy, mod wind
BOREHOLES - OO2, CC2, EEE 19-21, CCC 1

- Mike did w/his drill site preparation w/backhoe
- WDC2 drilling as usual, no problems total 120'
- Frank + Walter onsite to do additional radiation Safety work. Provided site orientation + tour for Walt.
- They did a β/α scan on Raymond's vehicle interior and it was borderline ~120 CPM. Need to vacuum w/ hepa filtered vac.

3/18/05 FRIDAY

ON SITE: BC - Tina, Raymond
WDC2 - Tom, Larry
RMEC/Bartlett - Frank, Walt

WEATHER: Partly cloudy, mod winds

BOREHOLES: DDD 1-3, KK1, FF3

- WDC2 drilling continued. ~~Mike Weiss completed some~~
- Set up to drill the KK pond location but the ground was too dry + too windy creating a dust health hazard. Also Walt checked w/ Rad meters and it is borderline on alpha/beta exposure at ground level. We chose to move off the location after completing one hole + will return w/ dust control + when less windy.
- Walter + Frank onsite. Completed some radiation monitoring around site. They may have set up the generator to collect air/dust sample.

3/19/05 SATURDAY P. Bartlett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
Bartlett - Walter M. Millon

WEATHER: Light rain in morning clearing to partly cloudy w/ very strong wind gusts in afternoon (~30mph) causing alot of dust from mine site.

BOREHOLES: FF 1, 2, 4, DD 1, 2, 3, 12, 13, 14

- Drilling - decided to modify holes FF2 + 4 to drill to 20' depth instead of 10' as in plan because they are located next to basement structures + tanks that extend 15-20' into the ground. Wanted to do on FF3 but it had already been drilled + would have been hard to set up on again.
- Drilled holes through bottom of concrete solution tanks, 2 in each end tank. Tank thickness is 18" w/ lots of rebar but drilling not too hard. Drilled total depth of 10' vertical below bottom of concrete. Holes DD 1, 2, 3, 14
- Decided to continue delay on drilling KK location due to severe wind. Put together pump + water tank in prep for future.

3/20/05 SUNDAY P. Bassett

ON SITE: BC - Penny, Tina
WDC2 - Tom, Larry
Bartlett - Walter McMillon

WEATHER: Rain and light snow overnight, ground was damp on arrival but no snow on ground. Partly cloudy w/ moderate wind.

BOREHOLES: HHH 1, 2, 3, 4, 5

- Worked on BLM grid samples (HHH) to 25'.
- Finished GPS survey on recent drill holes through ~ 3/17
- All samples collected Friday afternoon through Sunday Noon were frozen for VOC soils

3/21/05 MONDAY P. Bassett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
HSR - Mike Weeks
Bartlett - Walter

WEATHER: Overcast, cold, windy, Mid 50s. Ground still damp from rain so no significant dust.

BOREHOLES: HH 2-7 (Sulfide precip area) → HH1 abandoned
HHH 6 (BLM grid)

- WDC2 drilled in concrete area of Sulfide precip plant. Generally few problems drilling through concrete. Location HH1 encountered surface concrete, 18" soil, then another 2'+" of more concrete. Stopped drilling at TD of 4-5' and abandoned hole. Location HH6 encountered metal plate with void space underneath but then hit soil + continued sampling as planned.
- Mike completed ramp for access to ~~to~~ ZZ location by lined ~~ditch~~ pump back ponds, ~~new~~ drill target is a pumping station below dike. Ed Schneider (HHA) expressed concern that the ramp could negatively impact a pumpback well nearby + asked that we repair/reconstruct when done.
- Shipped out most weekend samples. VOC samples were shipped on dry ice.

3/22/05 TUESDAY P. Bartlett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
Bartlett - Walt
WEATHER: - Cloudy + windy, low 50s, afternoon rain
BOREHOLES: HHH 7, 8, 9, 10, 12 (BLM Grid)

- Continued drilling HHH locations to 25'. Locations were staked by looking at map to locate approximate placement and then moving to any nearby interesting targets. Final locations will not match BLM grid exactly.
- Craig Smith (BLM) on site in a.m. to walk areas where some sample locations were requested to be dropped. He verbally agreed there's no problem dropping the ones that duplicate BLM grid (HHH) samples. He agreed he could not locate northern Solution ditch outlined by Earl Dixon, it looks like they mistook a raised causeway/pipeline for a ditch or if there was a ditch, it is now completely covered. He agreed there is no ditch to sample but unsure if he will recommend sampling to target pipeline. I told him our current drill rig would have difficulty and we would need to use other rig when it comes back in a few months. He also generally agreed with arguments for dropping locations by acid tank. We also figured that tank was an Arimetco installation (Ron Hyatt confirmed this).

3/23/05 WEDNESDAY P. Bartlett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
Bartlett - Walt
WEATHER: Afternoon rain
BOREHOLES: HHH 13, 15, 16, 17

- Drilled until lunchtime + shut down early because of weather + to allow all samples to be shipped.

• - Craig Smith led tour of Alaskan native american group. They have a proposed large Cu, Mo mine (Pebble) going in on or near their land and they are looking to know future potential issues. Approx. 22 people showed up. I assisted in guiding them around the site.

3/24/05 – 3/28/05

No activities on site

3/29/05 TUESDAY P. Barrett

ON SITE: BC - Penny, Tina, Raymond
WDCZ - Tom, Larry
Bartlett - Walter McMillon

WEATHER: Sunny - partly cloudy, mid-high 40s, wind increasing in afternoon, 15-20 mph. Ground slightly damp so no significant dust.

BOREHOLES: HHH 11, 14, 19, 20

- ~~Wor~~ Continued drilling BLM grid locations (HHH) to 25' depth. No issues w/ drilling.
- WDC rig broke down after lunch, quit drilling by ~2:00 and allowed afternoon for repair.
- Received notice that Dan Ferriter, Craig Smith ~~Debra~~ will be on-site Thursday to escort Debra, Sparks Tribune photographer, around site to do story on progress in sampling project.
- Received emails last Friday from Ed Schneider expressing concerns with BC work activities:
  1) Ramp to ZZ location that Mike prepared last week is close to one pumpback well + well could be impacted. Requested that we put back as was when complete. I agreed to do so.
  2) Concerns with vehicle speeds by pumpback wells + broken utility box lid. Asking that all vehicles maintain site speed < 20 mph.

3/30/05 WED P. Bacon

ON SITE: BC - Tina, Raymond HSR - Mike Weeks
WDC2 - Tom, Larry
Bartlett - Walt
WEATHER: ~~Vis~~ Partly cloudy, mod - light wind
BOREHOLES: PP 1, 2, 3, 4

- WDC drill is down for repairs. Received parts + completed repairs by end of day, drill will be running by tomorrow.
- Mike Weeks on site with backhoe. Completed sampling of PP locations by Arimetco Acid Tank. EPA approved modified approach of sampling w/ backhoe at 1' and 5' instead of drilling because drill would have difficulties in crushed VLT. Also, did not collect samples for VOC/TPHG based on EPA approval.

3/31/05 THUR P. Bacon

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
HSR - Mike W.
Bartlett - Walt
Visitors - Dan F, SRK, Debra (Sparks News photographer)
WEATHER: Sunny + calm, mid 60s
BOREHOLES: KK 2, 3, HHH 18, 22, 23, 24 PA - EX01

- WDC drilled 2 remaining holes in PA Pond. Area has thick fine dust in bottom + elevated radiation levels but not above 200mR action level. All personnel wore disposable dust masks. Walt placed personal air monitor pump on Tom to monitor his dust exposure. No dust control used because not much wind blown dust while in area.
- Mike W. Completed stained Soil extavation (EX01) by fuel tanks on N. end of truck shop. None of the excavated soil exceeded 20 ppm on PID. Placed excavated soil on plastic + covered w/ plastic.
- Debra (?) w/ Sparks paper on site to photograph update of sampling activities on site. Dan F. here to answer some questions + to meet w/ SRK.

4/1/05 FRIDAY P. Barnett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry
Barnett - Walt
WEATHER: Sunny + partly cloudy, ~70°, beautiful day
BOREHOLES: HHH _ _ _ _ _ _ (6 holes)

- Continued working on 25' BLM grid locations, no problems
- Walter packed up his radiation equipment + left site by mid day
- Had BBQ cookout

4/2/05 SATURDAY P. Barnett

ON SITE: BC - Tina, Raymond
~~WDC2~~ WDC2 - Tom, Larry
WEATHER: Partly cloudy, mod wind
BOREHOLES: HHH _ _ _ _ _ _ (6 holes)

- Continued working on 25' BLM grid locations
- No problems

4/3/05 SUNDAY P. Barnett (DAYLIGHT SAVINGS)

ON SITE: BC - Penny, Tina
WDC2 - Tom, Larry
WEATHER: Partly cloudy; very windy (gusts to ~50mph)
Causing large amts of dust blowing off tailing + mine site.
BOREHOLES: HHH 33, 34, 38 / ~~HH~~13 / QQ 1, 2 / RR 1, 2

- Finished all HHH locations. Added one 20' hole in HH area that was low point by old pumphouse no longer there. Area has obvious soil contamination + Cu staining. Location was not part of original plan.
- Drilled 4 holes by Arimetco crusher (QQ + RR)
- Wind was very strong. Made sampling difficult

4/4/05 MONDAY P. Bennett

ON SITE: BC - Penny, Tina, Raymond
WDC2 - Tom, Larry

* Completed drilling activities for now for all Process Area samples!
- Drilled outlying samples away from process area including BZZ - pumping station, AAA - pump, VV 1-2 - pumphouse, UU 1-2 crusher near pit
- UU locations by crusher (near pit) - could not complete sampling on UU 1 (nearest crusher) because area filled w/ large rock 2-3". Only sampled to 5'.
- Decided not to drill TT samples by Don Tibbals Motor Cargo building because no utility locating had been done & risk of encountering live utility too great. Will complete later in Summer when more drilling being done.
- Received word from Sequoia that several samples had become contaminated & needed to be rerun but 15 samples were not rerun w/in hold time. Therefore had to redrill & collect samples again & analyze for only Herbicide.
  PA-EEE5 - 1, 5, 10, 15
  PA-EEE7 - 1, 5, 10, 15, 20, 25
  PA-EEE13 - 1, 5, 10, 15, 20, 25
  Cost of redrilling will be charged to Sequoia.

4/5/05 - Collect remaining hand auger samples
EE 7 - 10
VV 3

4/6 SAMPLING COMPLETE

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PROCESS AREA

SONIC DRILL 2 LOG — BOOK 1

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SOIL SAMPLES

1/20/05

AREA RADIATION READINGS:
at waist height

LOCATION ID	AREA uR/hr
FIELD OFFICE	12
PA - A1	16
PA - D1	16
PA - D2	17
PA - E1	16
PA - E2	17
- F1	16
- F2	17
- F3	17
- F4	17
- F5	16
PA - S1	16
- S2	14
PA - R1	16
- R2	16
PA - I1	14
- I2	17

< PA-F6 — 17

LOCATION	uR/hr
PA - K1	15
- K2	17
- K3	15
- K4	15
- K5	17
- K6	15
- K7	15
- K8	15
- K9	15
PA - L1	19
- L2	19
- L3	16
- L4	16
PA - H1	15
- H2	16
PA - G1	17
- G2	17
- G3	16
PA - J1	17
PA - V1	17
PA - U1	16
- U2	20
FIELD OFFICE	11

1/22/05 Saturday
Raymond Lansdale

PA-A1

ID	Interval	time	VR
PA-A1-1	.5-2.5	09:05	18
-1B	.5-2.5	09:05	18
-1G	Trip Blank	—	—
-5	3.5-5	09:25	16
-10	8.5-10	09:50	16

PA-D1

ID		Interval	time	VR
PA-D1-1	CORD BAND	.5-2.5	10:30	15
-1F	G	—	10:35	—
-5	SS	4.0-5.5	11:10	15
-10	SS	8.5-10.0	11:30	15

1/22/05 Cont.

PA-D2

ID	Method	Interval	Time	VR
PA-D2-1	CC	.5-2.5	11:50	15
-1B	CC	.5-2.5	11:50	15
-5	SS	3.5-5	12:00	15
-10	SS	8.5-10.0	12:15	15

PA-E1

ID	Method	Interval	Time	VR
PA-E1-1	CC	.5-2.5	12:25	12
MS/MSD-1	CC	.5-2.5	12:25	12
-5	SS	3.5-5.0	12:45	14
-10	SS	8.5-10.0	12:55	14

1/22/05 Cont.

PA-E2

ID	Method	Interval	Time	VR
PA-E2-1	CC	.5 - 2.5	13:20	15
-1B	CC	.5 - 2.5	13:20	15
-5	SS	3.5 - 5.0	13:30	14
-10	SS	8.5 - 10.0	13:35	17

PA-F1

ID	Method	Interval	Time	VR
PA-F1-1	CC	.5 - 2.5	14:00	17
-5	SS	3.5 - 5.0	14:10	15
-10	SS	8.5 - 10.0	14:15	15
-1F	G	~~.5 - 2.5~~	14:05	17

1/22/05 Cont.

PA-F2

ID	Method	Interval	Time	VR
PA-F2-1	CC	.5 - 2.5	15:20	15
-1B	"	"	"	"
-5	SS	3.5 - 5.0	15:30	16
-10	SS	8.5 - 10.0	15:40	14

PA-F3

ID	Method	Interval	Time	VR
PA-F3-1	CC	.5 - 2.5	16:05	15
MS/MSD	CC	.5 - 2.5	16:05	15
-5	SS	3.5 - 5.0	16:10	15
-10	SS	8.5 - 10.0	16:15	15

F-23-05

PA-F4 T. Cox

ID	Method	Interval	Time	mR
PA-F4-1	CC	.5-2.5	7:50	12
" 1B	CC	.5-2.5	7:50	12
" 5	SS	3.5-5.0	7:55	11
" 10	SS	8.5-10.0	8:05	13

Duplicate collected

PA-F5 P. Bassett

ID	Method	Interval	Time	mR
PA-F5-1	CC	0.5-2.5	08:40	18
-1F	G	—	08:25	—
-5	SS	3.5-5	08:50	16
-10	SS	8.5-10	09:00	15

PA-K2 PB

ID	Meth	Interv.	Time	mR
PA-K2-1	CC	0.5-2.5	09:25	15
-5	SS	3.5-5	09:35	12
-10	SS	8.5-10	09:50	14

ms

PA-K1 PB

ID	Meth	Interv.	Time	mR
PA-K1-1	SS	0.5-25	10:15	14
-1B	SS	↓	10:15	14
-5	SS	3.5-5	10:20	14
-10	SS	8.5-10	10:30	14

PA-K3

~~PA-K3-1~~	Meth	Int.	Time	mR
PA-K3-1	CC	0.5-2.5	10:50	12
-1B	CC	↓	↓	↓
-5	SS	3.5-5	11:00	13
-10	SS	8.5-10	11:10	13

PA-K4

-1	CC	0.5-2.5	12:20	12
-1F	G	—	12:30	—
-5	SS	3.5-5	12:35	13
-10	SS	8.5-10	12:40	12

1/24/05 Monday Raymond Lauster

PA - K5

	method	Interval	Time	uR
-1	CC	0.5-2.5	13:05	12
-1B	CC	"	"	"
-5	SS	3.5-5	13:15	12
-10	SS	8.5-10	13:25	11

Oily horizon @ ~1-1.5'

PA-K6

-1	CC	0.5-2.5	13:45	10	MS
-5	SS	3.5-5	14:00	11	
-10	SS	8.5-10	14:15	11	

PA - K7

-1	CC	0.5-2.5	14:45	11
-1B	CC	↓	↓	↓
-5	SS	3.5-5	14:50	10
-10	SS	8.5-10	1500	10

Soil wet 3.5-4.5' sandy/clayey

PA - K8

-1	CC	0.5-2.5	15:25	11
-1F	G	—	15:20	—
-5	SS	3.5-5	15:30	10
-10	SS	8.5-10	15:40	11

Field Blank

PA - K9

	method	Interval	time	uR
-1	CC	.5 - 2.5	08:20	15
-1B	CC	"	"	"
-5	CC	3.5 - 5.0	08:30	"
-10	CC	8.5 - 10.0	08:40	"

PA - S1

	Method	Interval	time	UR
~~MS/MSD~~ -1	CC	.5-2.5	09:10	15
-5	CC	03.5 - 5.0	09:20	14
-10	SS	8.5 - 10.0	09:40	15
-1G	—	—	09:10	

-5-MS/MSD

~~PS-S2~~

	method	Interval	time	UR
-1				
-1B				
-5				
-10				

DRILL RIG DOWN FOR MAINTENANCE

1/26/05 Wednesday - Raymond

PS-S2	Method	Interval	Time	VR
-1	CC	.5 - 2.5	10:20	14
-1B	CC	"	"	14
-5	SS	3.5 - 5.0	10:30	13
-10		8.5 - 10.0	10:40	13

PA-R1	Method	Interval	Time	VR
-1	CC	.5 - 2.5	11:15	17
-1F	G			
-5	SS	3.5 - 5.0	11:30	16
-10	"	8.5 - 10.0	11:40	16

PA-R2	Method	Interval	time	VR
-1	CC	.5 - 2.5	11:55	15
-1B	CC	"	"	"
-5	SS	3.5 - 5.0	12:10	"
-10	"	8.5 - 10.0	12:20	

PA-I2	Method	Interval	Time	VR
-1	CC	.5 - 2.5	12:55	15
-1B	"	"	"	"
-5	SS	3.5 - 5.0	13:10	"
-10	"	8.5 - 10.0	13:20	14
-10E	G	——	13:45	—

PA-I1	Method	Interval	Time	VR
-1	CC	.5 - 2.5	14:05	15
MS/MSD-1	"	"	"	"
-5	SS	3.5 - 5.0	14:15	16
-10	"	8.5 - 10.0	14:25	"

6" concrete slab

PA-G1	Method	Interval	Time	VR
-1	CC	.5 - 2.5	15:05	17
-1B	"	"	"	"
-5	SS	3.5 - 5.0	15:15	17
-10	"	8.5 - 10.0	15:30	16

all samples taken with core

PA-G2	Method	Interval	Time	VR
-1	CC	.5 - 2.5	15:50	17
MS/MSD-1	"	"	"	"
-5	"	3.5 - 5.0	16:05	16
-10	"	8.5 - 10.0	16:15	"

All samples taken with core

1/27/05 Thursday, Raymond

PA-G3	Method	Interval	Time	VR
-1	CC	.5 - 2.5	08:10	15
~~-1B~~	~~SS~~	~~3.5 " 5.0~~	~~08:20~~	~~"~~
-5	SS	3.5 - 5.0	08:20	"
-10	CC	8.5 - 10.0	08:39	"

-1, -1B & -10 Taken by core
-5 taken by split spoon.

PA-H1	Method	Interval	Time	VR
-1	CC	.5 - 2.5	09:05	14
-1F	G	—	"	—
-5	SS	3.5 - 5.0	09:15	14
-10	"	8.5 - 10.0	09:25	16

PA-H2	Method	Interval	Time	VR
-1	CC	.5 - 2.5	10:10	14
-1B	"	"	"	"
-5	SS	3.5 - 5.0	10:20	15
-10	CC	8.5 - 10.0	10:25	14

1/27/05 Cont.

PA-L1	Method	Interval	Time	VR
-1	CC	.5 - 2.5	11:10	17
MS/MSD-1	"	"	"	"
-5	SS	3.5 - 5.0	11:20	19
-10	"	8.5 - 10.0	11:30	18

Set up drill rig over oil stain
Stain depth approx. 4 in.

2/1/05 Tuesday Raymond Lauster.

PA-L2

	Method	Interval	Time	uR
-1	CC	.5-2.5	8:25	19
-1B	"	"	"	"
-5	SS	3.5-5	8:35	18
-10	"	8.5-10	8:45	18

-1G Trip Blank

PA-L3

	Method	Interval	Time	uR
-1	CC	.5-2.5	9:20	16
-1F	G	—	9:25	—
-5	SS	3.5-5	9:30	15
-10	"	8.5-10	9:40	11

South end blue bldg. near bushes

PA-L4

	Meth.	Interval	Time	uR
-1	CC	.5-2.5	10:20	14
-1B	"	"	"	"
-5	SS	3.5-5.0	10:40	15
-10	"	8.5-10.0	10:55	14

West side blue bldg., 1½ ft off concrete slab.

2/1/05 Cont.

PA-M1

	Method	Interval	Time	uR
-1G TRIP BLANK	G	—	11:15	—
-1	CC	.5-2.5	11:25	16
-1 MS MSD	"	"	"	"
-5	SS	3.5-5.0	11:35	"
-10	CC	8.5-10.0	11:45	15

South east side of truck wash bldg.

PA-M2

	Method	Interval	Time	uR
-1	CC	.5-2.5	12:40	15
-1B	"	"	"	"
-5	SS	3.5-5.0	12:55	16
-10	"	8.5-10.0	13:05	15
-10E	G	—	13:20	—

PA-M3

	Method	Interval	Time	uR
-1	CC	.5-2.5	13:40	12
-1F	G	—	13:45	—
-5	SS	3.5-5.0	13:50	13
-10	"	8.5-10.0	14:10	12

West side of Truck wash bldg. 6 in concrete slab

2/2/05, Wednesday, Raymond L.

PA-C1	Method	Interval	Time	VR
-1	CC	.5-2.5	08:30	14
-1 ms/msd	"	"	"	"
-5	SS	3.5-5.0	08:45	12
-10	"	8.5-10.0	08:53	14

Drilled next to concrete slab & concrete collection box for drain off.

PA-C2	method	Interval	Time	VR
-1	CC	.5-2.5	09:30	13
-1B	"	"	"	"
-5	"	3.5-5.0	09:45	11
-10	"	8.5-10.0	09:55	"

Bored through 6 in. concrete.

2/2/05 cont. T. Cox

PA-J1

depth	Method	Interval	Time	VR
1	CC	0.5-2.5	10:20	16
5	SS	3.5-5.0	10:25	14
10	SS	8.5-10.0	10:30	16

Field blank at 1 foot. Trip blank

PA-V1

Depth	Method	Interval	Time	VR
1	CC	0.5-2.5	10:55	17
5	CC	3.5-5.0	11:05	16
10	CC	8.5-10.0	11:15	18

MS/MSD at 1 foot.

PA-U2

Depth	Method	Interval	Time	VR
1	CC	0.5-2.5	11:35	15
5	SS	3.5-5.0	11:45	17
10	SS	8.5-10.0	11:55	18

Duplicate at 1 foot.

2/2/05 Cont. Raymond Lauster

PA-U1 - method

		Interval	Time	UR
-1G	G	0	12:20	—
-1	CC	.5 - 2.5	12:25	13
-1F	G	—	12:30	—
-5	SS	3.5 - 5.0	12:40	13
-10	"	8.5 - 10.0	12:50	14

Taken from south end and just off concrete slab.

PA-Q1 method Interval

		Interval	Time	UR
-1	CC	.5 - 2.5	13:25	14
-1F	G	—	13:35	—
-5	CC	3.5 - 5.0	13:45	15
-10	"	8.5 - 10.0	13:50	19

Taken at east end of bldg.

2/2/05 Cont. Raymond Lauster

PA-Q2 method

		Interval	Time	UR
-1	CC	.5 - 2.5	14:10	14
-1B	"	"	"	"
-5	SS	3.5 - 5.0	14:25	16
-10	"	8.5 - 10.0	14:35	15

North end of bldg.

PA-Q3 method

		Interval	Time	UR
-1	CC	.5 - 2.5	15:15	15
-1 MS/MSD	"	"	"	"
-5	SS	3.5 - 5.0	15:25	"
-10	"	8.5 - 10.0	15:35	16

Trip blank PA-Q3-1G @ 15:20

PA-Q4 method

		Interval	Time	UR
-1	CC	.5 - 2.5	15:55	16
-1B	"	"	"	"
-5	SS	3.5 - 5.0	16:10	"
-10	"	8.5 - 10.0	16:20	"

Taken on South side of bldg.

2/3/05 Thursday
Raymond Fauster

PA-N1 method

		Interval	Time	NR
-1	CC	.5-2.5	08:45	12
-1B	"	"	~~09:00~~	"
-5	SS	3.5-5.0	09:00	"
-10	"	8.5-10.0	09:10	"

Carpenter shop entrance, center of overhead doorway, 2ft. off concrete slab.

PA-01 method

		Interval	Time	NR
-1	CC	.5-2.5	09:35	15
-1 ms/msD	"	"	"	"
-5	SS	3.5-5.0	09:50	16
-10	"	8.5-10.0	10:00	15

Taken from S.E. corner of Lead Shop, approx. 6 ft from concrete slab

2/3/05 Cont.

PA-02 M

		Interval	Time	NR
-1	CC	.5-2.5	10:35	16
-1B	"	"	"	"
-5	SS	3.5-5.0	10:45	15
-10	"	8.5-10.0	10:55	16

also PA-02-1G @ 10:30
Taken at S.W. corner of Lead Shop, 4ft off concrete slab

PA-03 M

		Interval	Time	NR
-1	CC	.5-2.5	11:15	15
-1F	G	—	11:20	—
-5	SS	3.5-5.0	11:25	14
-10	"	8.5-10.0	11:35	16

Taken from Lead Shop N.E. corner just off concrete slab.

2/3/05 Cont.

PA-GG1

	Method	Interval	Time	UR
- 1	CC	.5-2.5	12:50	16
- 1B	"	~~3.5"5.0~~	"	"
- 5	SS	3.5-5.0	13:10	"
- 10	"	8.5-10.0	13:15	"

Foremans Bldg., Taken 4 ft. from concrete slab and 8 ft. from east side of bldg.

T. Cox

PA-EE11 uR area = 20

Foot	METHOD	SAMPLE TIME	Int.	UR
1	CC	13:55	0.5-2.5	16
5	SS	14:00	3.5-5	15
10	SS	14:10	8.5-10	16
15	SS	14:15	13.5-15	15
20	SS	14:25	18.5-20	16

Duplicate at 1 foot.

2-3-05 cont. T. Cox

PA-EE12 uR area = 16

depth	Method	Sample time	Interval	uR
1	CC	14:55	0.5-2.5	17
5	SS	15:00	3.5-5	17
10	SS	15:05	8.5-10	16
15	CC	15:15	13.5-15	18
20	CC	15:30	18.5-20	18

MS/MSD at 1 foot.
20 feet from concrete slab

PA-EE13 uR area = 18

depth	METHOD	SAMPLE TIME	Int.	UR
1	CC	15:50	0.5-2.5	16
5	SS	15:55	3.5-5	18
10	SS	16:00	8.5-10	17
15	CC	16:10	13.5-15	19
20	CC	16:20	18.5-20	18

Duplicate at 1 foot.
15 foot sample accidently drilled 1 foot past 15 ft. Discarded last foot.

2/4/05 Friday, Raymond Lawter 2/4/05 Cont.

Area VR = 29

PA-EE14

method	Time	Interval	VR
-1	CC	08:25	.5-2.5	23
-1F	G	08:30	0	—
-1G	—	08:10	0	—
-5	CC	08:40	3.5-5.0	24
-10	"	08:50	8.5-10.0	"
-15	"	09:00	13.5-15.0	23
-20	"	09:15	18.5-20.0	24

Taken N. end of Iron Launder.

PA-X1

method	Time	Interval	VR
-1	CC	10:20	.5-2.5	17
-1F	G	10:25	~~3.5-5.0~~ 0	—
-5	SS	10:30	3.5-5.0	18
-10	"	10:40	8.5-10.0	15

PA-W1

method	Time	Interval	VR
-1	CC	11:00	.5-2.5	16
-1B	"	"	"	"
-5	SS	11:15	3.5-5.0	15
-10	"	11:25	8.5-10.0	16

PA-Z1

method	Time	Interval	VR
-1	CC	12:05	.5-2.5	13
-1B	"	"	"	"
-5	SS	12:15	3.5-5.0	15
-10	"	12:25	8.5-10.0	14

PA-YY1

method	Time	Interval	VR
-1	CC	12:55	8.5-10.0	18
-1B	"	"	"	"
-5	"	13:35	13.5-15.0	16
-10	"	13:50	18.5-20.0	17

Crushed fill rock first 8 ft.
Began sampling at 8.5 ft.
Trip Blank PA-YY1-1G @ 12:50

2/4/05 Cont.

PA-YY2	method	Time	Interval	UR
-1	CC	14:15	12.0 - 14.0	16
-1F	G	14:25	—	—
-5	CC	14:35	16.5 - 18.0	16
-10	"	14:50	20.0 - 22.0	17

Crushed fill rock first 12 ft.
Began sampling at 12.0 ft.

PA-II1 P. Bassett

-1	CC	15:35	0.5 - 2.5	12
-5	SS	15:55	3.5 - 5	16
-10	SS	16:05	8.5 - 10	17

Located ~ 4' in front of concrete ramp

PA-II2 PBassett

-1	CC	16:15	0.5 - 2.5	15
-1B	CC	"	"	"
-5	SS	16:30	3.5 - 5	16
-10	SS	16:40	8.5 - 10	16

0 - 4 feet is VLT crushed rock

2/5/05

Tom + Larry worked w/ Chris on Well development. Completed development of MW1 + MW3

2/6/05

Worked on well development of MW2 until ~ 11:30, Then began drilling 25' holes.

PA-FFF7 P. Bassett

				UR	
-1	CC	12:15	.5-2.5	18	
-1F	G	12:25	—	—	
-5	CC	12:35	4-5	16	
-10	"	12:45	9-10	16	
-15	"	12:55	14-15	17	
-20	"	13:05	19-20	16	
-25	"	13:20	24-25	16	
-1G	NA	12:00	—	—	Trip Blank

Sandy, gravelly soil. Very dry at bottom. Sample heats up somewhat but not too bad.

2/7/05 Monday, Raymond Lawler

PA-FFF8 PB

ID	Meth.	Time	Interval	uR
-1	CC	14:05	.5-2.5	16
-1B	"	"	"	"
-5		14:15	4-5	16
-10		14:25	9-10	19
-15		14:35	14-15	18
-20		14:45	19-20	18
-25	↓	—	24-25	—
-25E	G	15:25 [redacted]	0	—
-1G	NA	13:45	0	—

Hole keeps collapsing, unable to collect sample at 25'. Very hard and rocky.
Equipment blank on outside of core barrel + inside of core drill bit

PA-FFF9

	Method	Time	Interval	VR
-1	CC	08:20	.5-2.5	18
-1 MS/MSD	"	"	"	"
-5	"	08:35	4.0-5.0	16
-10	"	08:45	9.0-10.0	18
~~-15~~	"	~~09:05~~	~~14.0-15.0~~	
~~-20~~	"			
~~-25~~	"			
-1G	—	08:10	0	—

Completed taken samples -1, -5 & -10; rig broke down before taking -15.