

Table 4
Soil Boring Summary
PPG Non-Residential Chromium Remediation Project
Remedial Action Work Plan - Site 174

Boring ID	DTW	DTW note	Fill interval	Note (Fill description)
174 SB- 03	8	wet	0.2-8.0	Concrete rubble
174 SB- 04	5	wet	4 - 8	Coal fragments, cinder, ash
174 SB- 07	8	wet	1.1- 8	Coal ash, cinders
174 SB- 08	8	wet	6.0-10.0	Some wood and sandstone
174 SB- 09	7	wet	NA	Brick pieces, some coal fragments
174 SB- 10	8	wet	0.2-17.1	Cinders/coal at 6-8 ft bgs; wood and glass at 10-17.1
174 SB- 11	4	wet	NA	Some coal fragments/cinders 0.2 - 4 ft bgs.
174 SB- 12	7	wet (6-8)	0.4-13.2	Fill and "Coal Cinders" on log
174 SB- 13	8	wet	0.2-10	Wood; cinders
174 SB- 14	7	wet	0.4-8	Coal fragments; wood
174 SB- 15	8	wet (est)	4.0-19	Coal cinders; wood
174 SB- 16	4	wet	4-14.9	Brick pieces, some wood fragments; petroleum sheen at 8-14.9 ft bgs
174 SB- 17	7	wet	0.3-13	Black coal fragments; some wood
174 SB- 18	4	wet	0.2-10.3	Coal fragments; some ashes and cinders
174 SB- 20	7	wet	0.2-7.3	Chromate waste (0.2-0.8 ft bgs); coal ashes/cinders (3.4-4.0 ft bgs)
174 SB- 22	7	wet	0.2-11.6	Red brick pieces, coal fragments
174 SB- 23	10	wet	4.0-12	Concrete fragments, wood
174 SB- 24	7	wet	8.0-12	Coal fragments in silt (0.5-7.5); cidnders; mild petroleum odor (8-12 ft bgs)
174 SB- 25	10	wet	0.4-12	Coal fragments; cinders and ashes (11.7-12 ft bgs)
174 SB- 26	8	wet	4-5.5	Concrete rubble (5.5-6); some wood (14.5-15); no recovery many spoons
174 SB- 27	10	wet (est)	0.3-10	Coal fragments; cinders
174 SB- 28	8	wet	NA	No "Fill" in description or components.
174 SB- 29	10	wet	0.3-10	coal fragments, cinders, ashes, concrete rubble
174 SB- 30	8	wet	0.3-12	some concrete (8-12)
174 SB- 31	4	wet	0.2-8	coal fragments, cinders, concrete pieces, ashes
174 SB- 32	8	wet (est)	0.2-12	coal fragments and brick pieces (8-12)
174 SB- 33	10	wet (est)	2.8-10	Concrete rubble and fine brick (2.8-4.0); oily sheen (14-16)
174 SB- 34	8	wet	0.4-8	Mostly concrete rubble; some wood (6-8)
174 SB- 35	7	wet	0.3-8	Concrete fragments.
174 SB- 36	10	wet	2.0-10.0	Some wood (6-10 ft); wooden plank (13.5-14 ft)
174 SB- 37	7	wet	6.0-10	Some gray cinders
174 SB- 38	8	wet	NA	Sand with coal fragments (4-6 ft bgs); Gravel and Concrete Rubble (8-11.4 ft bgs)
174 SB- 39	10	wet (est)	6.0-10	Some coal fragments 0.3-4.0 ft bgs; wood (12-14 ft bgs)
174 SB- 40	8	wet (est)	4.0-8.0	Also wood, coal fragments, cinders (0.2-4 ft); brick/cinders (8-13.9 ft)
174 SB- 41	Unknown	NA	2.0-8.0	Concrete rubble (1.0-2.0 ft bgs); fine bricks
174 SB- 42	> 8	damp to 8	2.0-8.0	Coal fragments; end of boring at 11.2 ft bgs, no description of material in 8-11.2 ft interval.
174 SB- 43	Unknown	NA	0.2-7.0	Some red bricks and coal fragments; borehole end at 7.0 ft bgs.
174 SB- 44	7	wet	0.2-11.1	Coal fragments (0.2-6.7 ft bgs)
174 SB- 45	9	wet	NA	Silt w/concrete rubble (0.2-3.0); concrete rubble (3-8.5); strong petroleum odor; shells 13-14
174 SB- 46	NA	NA	NA	No boring log found for SB-46
174 S- 01	8	DTW	1-8	Ash, cinders, brick, concrete, glass
174 S- 02	5	DTW	0-11	Possible chromium fill 2-6; brick, cinders, ash, glass; wood
174 S- 03	8	DTW	0-9	Plastic, cinders, brick, ash.
174 S- 04	5	DTW	0-10	Possible chromium fill at 2-3 ft; brick, cinders, ash, glass; plastic, slag; rip-rap at 7 ft.
174 S- 05	6	DTW	10-12	IRM membrane (0-0.5 ft bgs); ash, cinders, brick, concrete; some wood 10-12 ft bgs.

Notes:

DTW = Depth to water
est = Estimated depth to water
NA = Not applicable

Sources:

174-SB-03 through 174-SB-46 series borings by Kimball (1998); reported in Kimball (2001).
174-S-01 through 174-S-05 series borings advanced by Berger (2002); reported in Berger (2003).