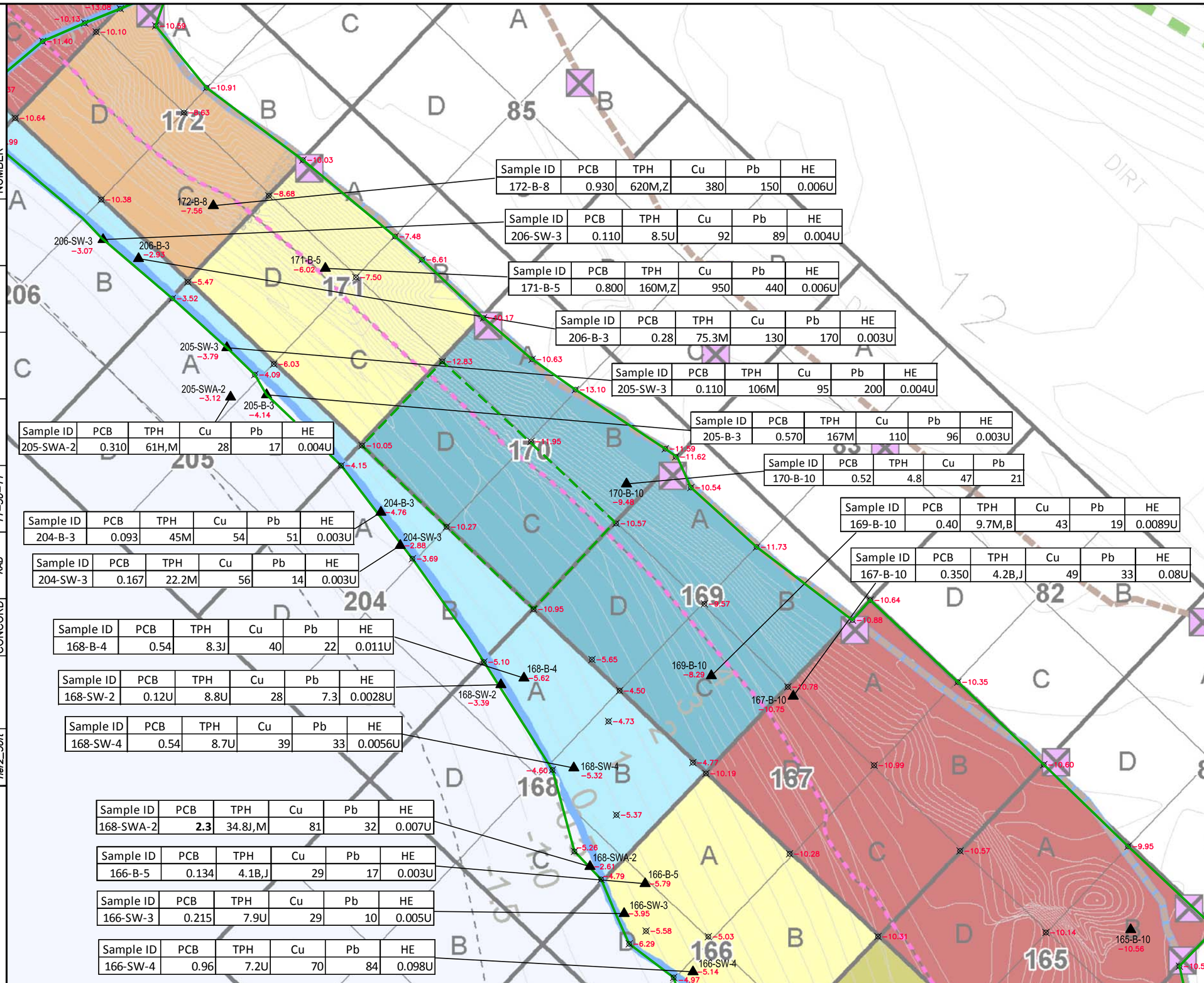

Sample ID	PCB	TPH	Cu	Pb	HE
172-B-8	0.930	620M,Z	380	150	0.006U

Sample ID	PCB	TPH	Cu	Pb	HE
206-SW-3	0.110	8.5U	92	89	0.004U

Sample ID	PCB	TPH	Cu	Pb	HE
171-B-5	0.800	160M,Z	950	440	0.006U

Sample ID	PCB	TPH	Cu	Pb	HE
206-B-3	0.28	75.3M	130	170	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
205-SW-3	0.110	106M	95	200	0.004U

Sample ID	PCB	TPH	Cu	Pb	HE
205-B-3	0.570	167M	110	96	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
205-SWA-2	0.310	61H,M	28	17	0.004U

Sample ID	PCB	TPH	Cu	Pb
170-B-10	0.52	4.8	47	21

Sample ID	PCB	TPH	Cu	Pb	HE
169-B-10	0.40	9.7M,B	43	19	0.0089U

Sample ID	PCB	TPH	Cu	Pb	HE
204-B-3	0.093	45M	54	51	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
204-SW-3	0.167	22.2M	56	14	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
167-B-10	0.350	4.2B,J	49	33	0.08U

Sample ID	PCB	TPH	Cu	Pb	HE
168-B-4	0.54	8.3J	40	22	0.011U

Sample ID	PCB	TPH	Cu	Pb	HE
168-SW-2	0.12U	8.8U	28	7.3	0.0028U

Sample ID	PCB	TPH	Cu	Pb	HE
168-SW-4	0.54	8.7U	39	33	0.0056U

Sample ID	PCB	TPH	Cu	Pb	HE
168-SWA-2	**2.3**	34.8J,M	81	32	0.007U

Sample ID	PCB	TPH	Cu	Pb	HE
166-B-5	0.134	4.1B,J	29	17	0.003U

Sample ID	PCB	TPH	Cu	Pb	HE
166-SW-3	0.215	7.9U	29	10	0.005U

Sample ID	PCB	TPH	Cu	Pb	HE
166-SW-4	0.96	7.2U	70	84	0.098U

LEGEND

- SURVEY POINT LOCATION
- −3.96 EXCAVATION OR SAMPLE DEPTH IN FEET
- ▲ SAMPLE LOCATION
  - B – BOTTOM
  - SW – SIDEWALL
- LIMIT OF EXCAVATION
- AREA OF OVEREXCAVATION
- Excavation to 3-ft Depth
- Excavation to 3.5-ft Depth
- Excavation to 4-ft Depth
- Excavation to 4.5-ft Depth
- Excavation to 5-ft Depth
- Excavation to 6-ft Depth
- Excavation to 7-ft Depth
- Excavation to 8-ft Depth
- Excavation to 10-ft Depth
- Hot Spot Excavation
- Shoreline from Draft Final RI/FS, Feb. 2009

PROJECT ACTION LIMITS (mg/kg)

Matrix	PCB	TPH	Copper (Cu)	Lead (Pb)	Heptachlor Epoxide (HE)
Sediment	1.8	3,500	2,700	2,180	1.9
Soil	7.4	3,500	4,700	1,970	1.9

Bold results are above Project Action Limits (PAL); over excavation and re-sampling will be performed per the SAP.

Samples collected below three feet are con- sidered soil and are compared to the soil PALs.

Sidewall samples that plot inside the excavation limits are due to sloping of the excavation wall.

B analyte reported was detected in the associated method blank
D hydrocarbon pattern resembling diesel was detected in the sample
H heavy fuel hydrocarbons present in the sample
J estimated value
M hydrocarbon pattern resembling motor oil present in the sample chromatogram
U analyte not detected at reporting limit
Z hydrocarbon pattern present did not resemble standard fuel chromatograms

10 0 10 20
Scale in Feet

Shaw®

Hunters Point Naval Shipyard
San Francisco, California
U.S. Department of the Navy
NAVFAC SW
San Diego, California

TIER 1 - SHEET 1
EXCAVATION PROGRESS MAP
11-30-2011

TIME-CRITICAL REMOVAL ACTION FOR THE PCB HOT SPOT AREA AT PARCEL E-2

DRAWING NUMBER	WORKING_Tier1-2
APPROVED BY	
CHECKED BY	
DRAWN BY	KAB
	11-30-11
OFFICE	CONCORD
X-REF	---
IMAGE	Tier2_50ft