

**Table C2-1b
Summary of Cores**

Core Type	Program	Number of Stations	Number of Cores	Total Cores
Phase 1	Phase 1 Investigation Cores	98	142	142
Phase 2	Geochronology A/B	14	24	165
	Vertical Extent of Contamination	1	1	
	Confirmation of Contaminant Distribution in Unique Areas	16	20	
	Confirmation and Delineation of NAPL	4	4	
	Groundwater ¹	68 ^{1,2}	70 ²	
	High Resolution	12	15	
	NYC Post-Dredge Areas Sampling	10	12	
	Phase 1 Archive Cores Processed during Phase 2 Investigation	16	16	
	Refinement of Vertical Contaminant Distribution	3	3	
FS Part 1	NAPL Distribution Refinement	26	30 ³	86
	NAPL Mobility (CM 0 – 2)	11	43	
	Gas Ebullition Pilot Study	2 ¹	13	
National Grid	National Grid Investigations	42	42	42
Historical	Apollo Street Site Investigation	13	13	237
	Laurel Hill OU-6	48	87	
	USEPA Expanded Site Inspection	74	137	

Notes:

1 = This number includes a station where cores were processed as part of multiple programs. At station NC069SC, cores were processed as part of the Phase 2 groundwater program, and the Phase 1 archive cores were processed during the Phase 2 RI program. At station DK052SC, cores were processed as part of the Phase 2 groundwater program and the FS Part 1 gas ebullition pilot study.

2 = This number includes four groundwater program cores with no visual evidence of NAPL and where shake tests were not conducted; they are referred to as Phase 2 deviation cores.

3 = At some FS Part 1 NAPL distribution refinement core stations, multiple core attempts using a combination of coring methods were required to achieve the target percent recovery to the target penetration depth. Each sampling attempt associated with unique coordinates was assigned a unique core ID. Schematics illustrating the individual core(s) used to generate a complete vertical profile for each FS Part 1 NAPL distribution refinement core station are provided as Attachment Bii-B3-10 to the FS DSR Part 1 (Appendix Bii of the RI Report). A total of 68 individual core segments with unique core IDs were used to construct 30 complete vertical profiles at 26 FS Part 1 NAPL distribution refinement core stations. A complete vertical profile is presented as one FS Part 1 NAPL distribution refinement “core.”

Acronyms:

CM = creek mile

FS = Feasibility Study

FS DSR Part 1 = *Feasibility Study Field Program Data Summary Report Part 1*

NAPL = nonaqueous phase liquid

NYC = New York City

OU = operable unit

RI = Remedial Investigation

RI Report = *Remedial Investigation Report*

USEPA = U.S. Environmental Protection Agency