

Hematite Decommissioning Project	Procedure: HDP-PR-FSS-712, Final Status Surveys of Structures, Systems, and Components (SSCs)		
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**APPENDIX A-1
FINAL STATUS SURVEY RESULTS**

Survey Unit Description & Survey Unit Number:	BSA 04-12 (concrete and asphalt)	Survey Log Number:	7341 C 160415	Date:	4/15/2016						
Technician(s):	John Michel / <i>JM</i> 4/18/16	Reviewed by:	Josh Bushman / <i>JB</i> 4/18/16	Time:	15:00						
Print/Sign/Date:	Mike Dekeyser / <i>MD</i> 4-23-16	Print/Sign/Date:	Josh Bushman / <i>JB</i> 4/18/16								
Instrument # 1			Instrument # 2			Tennelec					
Instrument & Probe:	Lud 2360 43-89 M	MDA (dpm/100cm ²):	642.3	Instrument & Probe:	N/A	MDA (dpm/100cm ²):	N/A	Unit #:	1	Cal Due:	9/11/16
Instrument SN:	278647	Bkg 1:	193	Instrument SN:	N/A	Bkg 1:	N/A	Alpha Bkg:	0.7	Beta Bkg:	2.7
Cal Due Date:	9/30/2016	Bkg 2:	186	Cal Due Date:	N/A	Bkg 2:	N/A	Alpha Eff:	25.3%	Beta Eff:	25.4%
Probe Size:	125	Bkg 3:	201	Probe Size:	N/A	Bkg 3:	N/A	Alpha MDA (dpm):	14.0	Beta MDA (dpm):	24.5
Weighted Eff.:	8.1%	Ave. Bkg:	193	Weighted Eff.:	N/A	Ave. Bkg:	N/A	Batch No:	51856		

Comments:		See map page 2 for locations.								
Sample No.	Instrument Number (i.e., 1 or 2)	Description	Removable Alpha		Removable Beta		Total Contamination (α + β)		DCGL Fraction	
			Net CPM	DPM / 100cm ²	Net CPM	DPM / 100cm ²	Gross CPM	DPM / 100cm ²		
1	1	B04-12-01-S-F-S-00	1.3	5.2	-2.2	0.0	188	0	0.00	
2	1	B04-12-02-S-F-S-00	-0.7	0.0	-0.5	0.0	195	16	0.00	
3	1	B04-12-03-S-F-S-00	1.3	5.2	-1.2	0.0	215	214	0.01	
4	1	B04-12-04-S-F-S-00	-0.7	0.0	1.5	6.0	167	0	0.00	
5	1	B04-12-05-S-F-S-00	0.3	1.2	0.2	0.7	181	0	0.00	
6	1	B04-12-06-S-F-S-00	-0.7	0.0	0.5	2.1	177	0	0.00	
7	1	B04-12-07-S-F-S-00	1.3	5.0	1.8	7.3	170	0	0.00	
8	1	B04-12-08-S-F-S-00	-0.7	0.0	1.5	6.0	195	16	0.00	
9	1	B04-12-09-S-F-S-00	-0.7	0.0	1.5	6.0	195	16	0.00	
10	1	B04-12-10-S-F-S-00	4.3	17.1	-1.2	0.0	161	0	0.00	
11	1	B04-12-11-S-F-S-00	-0.7	0.0	-0.5	0.0	175	0	0.00	
12	1	B04-12-12-S-F-S-00	3.2	12.8	4.2	16.5	197	36	0.00	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

BSA 04-12 Sample Coverage Locations

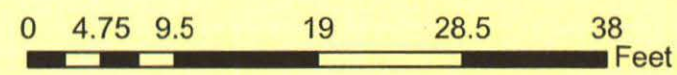
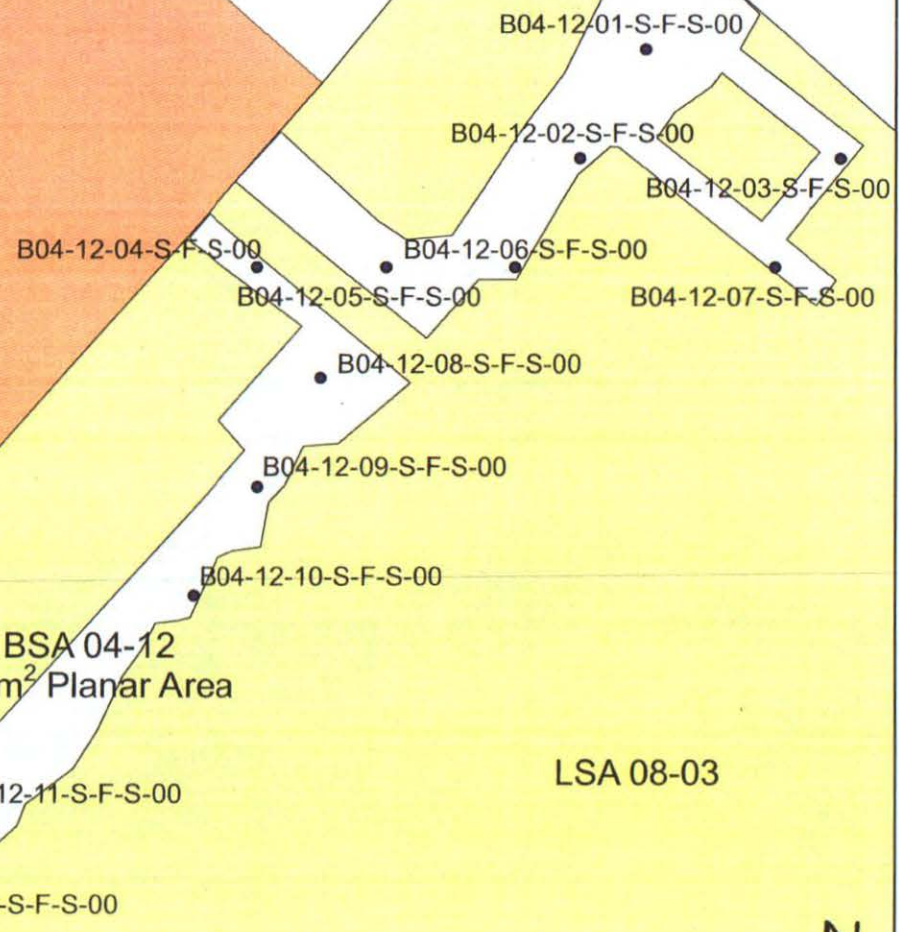


Building 110

BSA 04-12
64 m² Planar Area

LSA 08-03

Sample Locations	Northing	Easting	Elevation
B04-12-01-S-F-S-00	865049.1	827178.9	435.2
B04-12-02-S-F-S-00	865041.9	827174.6	435.2
B04-12-03-S-F-S-00	865041.9	827191.7	434.7
B04-12-04-S-F-S-00	865034.7	827153.3	435.2
B04-12-05-S-F-S-00	865034.7	827161.8	435.2
B04-12-06-S-F-S-00	865034.7	827170.3	435.2
B04-12-07-S-F-S-00	865034.7	827187.4	434.7
B04-12-08-S-F-S-00	865027.4	827157.5	435.2
B04-12-09-S-F-S-00	865020.2	827153.3	435.2
B04-12-10-S-F-S-00	865013.0	827149.0	435.2
B04-12-11-S-F-S-00	864998.6	827131.9	435.2
B04-12-12-S-F-S-00	864991.3	827127.7	435.2



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