

Parameters: As, Pb, Ni
Supervisor: Md. A. Rafique.

S.No	SR No	Sample Code	Air Vol (m ³)	Area of Exposed F/P (cm ²)	Area of Digested (cm ²)	Total Extracted Vol (ml)	Pb (ppb)	C Pb Conc (µg/L)	Pb Conc (µg/ml)	Pb (µg/m ³)	Ni (ppb)	C Ni Conc (µg/L)	Ni Conc (µg/ml)	Ni (µg/m ³)	As (ppb)	C As Conc (µg/L)	As Conc (µg/ml)	As (ng/m ³)	
1	SR00032	L00073	1588	1546.86	773.43	50	824.58	819	0.819	0.052	39.81	33	0.0333	0.0021	2	24.69	24	0.0239	0.002
2	SR00035	L00079	1606	1546.86	773.43	50	1108.94	1104	1.104	0.069	38.85	32	0.0324	0.0020	2	41.11	40	0.0404	0.003
3	SR00038	L00099	1573	1546.86	773.43	50	282.76	2824	2.824	0.180	49.94	43	0.0435	0.0028	3	49.70	49	0.0489	0.003
4	SR00041	L00109	1606	1546.86	773.43	50	3158.53	3153	3.153	0.196	41.98	36	0.0355	0.0022	2	44.50	44	0.0438	0.003
5	SR00044	L00124	1571	1546.86	773.43	50	6816.00	6811	6.811	0.434	118.02	112	0.1115	0.0071	7	64.94	64	0.0642	0.004
6	SR00047	L00139	1639	1546.86	773.43	50	48.18	43	0.043	0.003	13.64	7	0.0072	0.0004	0	89.32	89	0.0886	0.005
7	SR00051	L00157	1594	1546.86	773.43	50	3210.66	3206	3.206	0.201	104.69	98	0.0982	0.0062	6	75.95	75	0.0752	0.005
8	SR00054	L00175	1587	1546.86	773.43	50	4890.00	4885	4.885	0.308	30.41	24	0.0239	0.0015	2	107.25	107	0.1065	0.007
9	SR00057	L00193	1681	1546.86	773.43	50	2042.00	2043	2.043	0.122	35.66	29	0.0292	0.0017	2	53.50	53	0.0527	0.003
10	SR00060	L00211	1672	1546.86	773.43	50	2875.68	2871	2.871	0.172	93.17	87	0.0867	0.0052	5	46.81	46	0.0461	0.003
11	SR00063	L00229	1695	1546.86	773.43	50	1292.53	1287	1.287	0.076	30.16	24	0.0237	0.0014	1	25.81	25	0.0251	0.001
12	SR00066	L00247	1721	1546.86	773.43	50	952.74	948	0.948	0.055	25.51	19	0.0190	0.0011	1	27.55	27	0.0268	0.002
13	SR00069	L00265	1720	1546.86	773.43	50	1107.51	1102	1.102	0.064	58.08	52	0.0516	0.0030	3	15.95	15	0.0152	0.001
14	SR00072	L00283	1717	1546.86	773.43	50	711.50	706	0.706	0.041	43.35	37	0.0369	0.0021	2	17.24	16	0.0165	0.001
15	SR00075	L00301	1741	1546.86	773.43	50	1107.01	1102	1.102	0.063	45.37	39	0.0389	0.0022	2	21.77	21	0.0210	0.001
16	SR00033	L00074	1337	1546.86	773.43	50	391.32	386	0.386	0.029	27.80	21	0.0213	0.0016	2	16.79	16	0.0160	0.001
17	SR00036	L00084	1336	1546.86	773.43	50	906.88	902	0.902	0.067	58.44	52	0.0520	0.0039	4	27.95	27	0.0272	0.002
18	SR00039	L00094	1329	1546.86	773.43	50	4624.00	4619	4.619	0.348	35.50	26	0.0260	0.0020	2	35.43	35	0.0347	0.003
19	SR00042	L00114	1330	1031.24	515.62	50	5751.00	5746	5.746	0.432	38.07	22	0.0216	0.0016	2	32.71	32	0.0320	0.002
20	SR00045	L00129	1337	1546.86	773.43	50	3174.17	3169	3.169	0.237	31.13	25	0.0247	0.0018	2	38.10	37	0.0374	0.003
21	SR00048	L00144	1346	1546.86	773.43	50	5484.00	5479	5.479	0.407	36.73	30	0.0303	0.0022	2	62.18	61	0.0614	0.005
22	SR00052	L00163	1340	1546.86	773.43	50	2071.84	2067	2.067	0.154	24.68	18	0.0182	0.0014	1	47.54	47	0.0468	0.003
23	SR00055	L00181	1308	1546.86	773.43	50	2624.40	2619	2.619	0.200	21.07	15	0.0146	0.0011	1	43.32	43	0.0426	0.003
24	SR00058	L00199	1320	1546.86	773.43	50	1629.62	1624	1.624	0.123	19.68	13	0.0132	0.0010	1	29.14	28	0.0284	0.002
25	SR00061	L00217	1402	1546.86	773.43	50	1409.87	1405	1.405	0.100	22.27	16	0.0158	0.0011	1	19.81	19	0.0191	0.001
26	SR00064	L00235	1394	1546.86	773.43	50	1048.68	1044	1.044	0.075	29.39	23	0.0229	0.0016	2	17.28	17	0.0165	0.001
27	SR00067	L00253	1422	1546.86	773.43	50	1165.59	1160	1.160	0.082	39.47	33	0.0330	0.0023	2	26.70	26	0.0259	0.002
28	SR00070	L00271	1458	1546.86	773.43	50	501.74	497	0.497	0.034	31.52	25	0.0251	0.0017	2	9.31	9	0.0086	0.001
29	SR00073	L00289	1423	1546.86	773.43	50	686.52	681	0.681	0.048	18.46	12	0.0120	0.0008	1	12.19	11	0.0114	0.001
30	SR00076	L00306	1411	1546.86	773.43	50	809.38	804	0.804	0.057	27.81	21	0.0213	0.0015	2	12.12	11	0.0114	0.001
31	SR00034	L00075	1385	1546.86	773.43	50	1753.77	1747	1.747	0.126	36.40	30	0.0299	0.0022	2	20.27	20	0.0195	0.001
32	SR00037	L00089	1378	1546.86	773.43	50	2550.98	2546	2.546	0.185	45.45	32	0.0390	0.0028	3	28.22	27	0.0275	0.002
33	SR00040	L00104	1362	1546.86	773.43	50	3956.00	3951	3.951	0.290	38.66	32	0.0322	0.0024	2	37.71	37	0.0370	0.003
34	SR00043	L00119	1370	1546.86	773.43	50	5637.00	5632	5.632	0.411	74.62	68	0.0682	0.0050	5	59.13	58	0.0584	0.004
35	SR00046	L00134	1379	1546.86	773.43	50	4732.00	4727	4.727	0.343	61.02	55	0.0545	0.0040	4	46.09	45	0.0453	0.003
36	SR00049	L00150	1386	1546.86	773.43	50	5492.00	5487	5.487	0.396	59.89	53	0.0534	0.0039	4	77.52	77	0.0768	0.006
37	SR00053	L00169	1378	1546.86	773.43	50	9650.00	9645	9.645	0.700	53.76	47	0.0473	0.0034	3	82.63	82	0.0819	0.006
38	SR00056	L00187	1330	1546.86	773.43	50	11645.00	11640	11.640	0.875	34.58	28	0.0281	0.0021	2	86.50	86	0.0857	0.006
39	SR00059	L00205	1394	1546.86	773.43	50	4512.00	4507	4.507	0.335	30.10	24	0.0236	0.0017	2	75.69	75	0.0749	0.005
40	SR00062	L00223	1442	1546.86	773.43	50	5782.00	5777	5.777	0.401	43.96	37	0.0375	0.0026	3	37.71	37	0.0370	0.003
41	SR00065	L00241	1447	1546.86	773.43	50	3614.00	3609	3.609	0.249	38.93	32	0.0325	0.0022	2	34.07	33	0.0333	0.002
42	SR00068	L00259	1457	1546.86	773.43	50	2236.72	2230	2.230	0.084	25.67	19	0.0192	0.0013	1	28.47	28	0.0277	0.002
43	SR00071	L00277	1458	1546.86	773.43	50	7138.11	708	0.708	0.049	17.19	11	0.0107	0.0007	1	10.84	10	0.0101	0.001
44	SR00074	L00295	1463	1546.86	773.43	50	1398.11	1393	1.393	0.095	18.94	12	0.0125	0.0009	1	16.66	16	0.0159	0.001
45	SR00077	L00312	1458	1546.86	773.43	50	1992.60	1987	1.987	0.136	25.83	19	0.0194	0.0013	1	18.63	18	0.0179	0.001

A. Mondal
22-11-23

22-11-23