A0567-00 - M8 JUNCTION, SITE INVESTIGATION

Sample Reference	Laboratory Reference	Date Received	Date Completed	Date Reported	As mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Hg mg/kg	Se mg/kg	Cu mg/kg	Ni mg/kg	Zn mg/kg	Boron (W/S) mg/kg	Naphthalene mg/kg	Acenaphthylene mg/kg	Acenaphthene mg/kg	Fluorene mg/kg	Phenanthrene mg/kg	Anthracene mg/kg	Fluoranthene mg/kg	Pyrene mg/kg	Benz(a)anthracene mg/kg	Chrysene mg/kg	Benzo(b)fluoanthene mg/kg	Benz(k)fluoanthene mg/kg	Benz(a)pyrene mg/kg	Indeno(1.2.3-cd)pyrene mg/kg	Dibenz(a.h)anthracene mg/kg	Benzo(ghi)perylene mg/kg	Total PAH's mg/kg	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40	MTBE	Benzene	Toluene	Ethyl Benzene
BH04 0.35m	LN1401/06	21/04/2006	10/05/2006	10/05/2006	7	<0.3	38	4	0.3	<0.3	34	38	53	0.3	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	0.2	0.2	0.1	0.3	0.2	0.1	0.2	0.2	<0.1	0.2	1.8	<1.5	<2.0	<1.0	<2.0	<20	53	2130	<0.5	<0.5	<0.5	<0.5
BH04 1.0m	LN1402/06	21/04/2006	10/05/2006	10/05/2006	15	<0.3	32	250	<0.1	0.8	329	39	160	1.1	0.2	<0.1	0.1	0.1	1.3	0.3	1.8	1.6	0.8	1	0.8	0.7	0.9	0.6	0.2	0.7	11.1	<1.5	<2.0	<1.0	<2.0	<20	42	282	<0.5	<0.5	<0.5	<0.5
BH04 3.0m	LN1403/06	21/04/2006	10/05/2006	10/05/2006	10	<0.3	47	9	1	0.3	24	40	66	1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.8											
TP01 0.1m	LN1404/06	21/04/2006	10/05/2006	10/05/2006	9	<0.3	40	316	<0.1	0.7	53	38	140	0.7	0.2	<0.1	0.2	0.2	1.6	0.4	2.6	2.4	1.2	1.4	1.2	1.2	1.4	0.9	0.2	1.1	16.2											
TP01 1.1m	LN1405/06	21/04/2006	10/05/2006	10/05/2006	9	<0.3	42	300	0.2	0.6	52	40	140	0.8	0.4	<0.1	0.4	0.4	3	0.9	4.4	3.7	1.9	2.1	1.7	1.6	2	1.3	0.3	1.4	25.5	<1.5	<2.0	<1.0	<2.0	20	69	554	<0.5	<0.5	<0.5	<0.5
TP01 2.3m	LN1406/06	21/04/2006	10/05/2006	10/05/2006	7	<0.3	43	54	0.2	0.4	51	46	120	0.4	0.2	<0.1	0.3	0.2	1.9	0.5	2.4	2.1	1	1.1	0.9	0.9	1.1	0.7	0.2	0.8	14.3	<1.5	<2.0	<1.0	<2.0	<20	31	497	<0.5	<0.5	<0.5	<0.5
TP02 0.5m	LN1407/06	21/04/2006	10/05/2006	10/05/2006	7	<0.3	33	34	<0.1	0.4	42	36	170	0.5	0.5	<0.1	0.3	0.2	1.2	0.3	1.2	1	0.5	0.6	0.4	0.4	0.4	0.3	<0.1	0.3	7.6											
TP02 0.8m	LN1408/06	21/04/2006	10/05/2006	10/05/2006	7	<0.3	35	81	0.1	0.5	56	34	160	0.5	0.7	<0.1	0.4	0.4	2.7	0.7	3.5	3	1.6	1.7	1.4	1.3	1.6	1	0.3	1.1	21.4	<1.5	<2.0	<1.0	<2.0	<20	53	372	<0.5	<0.5	<0.5	<0.5
TP02 2.9m	LN1409/06	21/04/2006	10/05/2006	10/05/2006	8	<0.3	38	63	<0.1	0.4	43	39	120	0.5	1.2	<0.1	1.9	1.6	10.5	2.7	12.4	10.6	5	5.5	4.2	3.8	5.3	3.3	0.8	3.7	72.5	<1.5	<2.0	<1.0	<2.0	29	96	346	<0.5	<0.5	<0.5	<0.5
TP03 0.3m	LN1410/06	21/04/2006	10/05/2006	10/05/2006	8	<0.3	49	46	0.2	0.4	37	45	94	0.4	0.1	<0.1	<0.1	<0.1	0.8	0.2	1.2	1.1	0.6	0.6	0.6	0.5	0.6	0.4	0.1	0.5	7.3											
TP03 1.2m	LN1411/06	21/04/2006	10/05/2006	10/05/2006	8	<0.3	41	150	0.2	0.7	51	39	140	0.7	0.4	<0.1	0.3	0.3	2.1	0.6	3	2.6	1.3	1.5	1.2	1.2	1.4	0.9	0.2	1	18											
TP03 2.3m	LN1412/06	21/04/2006	10/05/2006	10/05/2006	10	<0.3	56	10	<0.1	0.3	24	43	66	1.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.8											
TP04 0.2m	LN1413/06	21/04/2006	10/05/2006	10/05/2006	9	<0.3	35	91	0.2	0.6	65	38	180	0.5	0.5	<0.1	0.4	0.4	3.2	0.9	4.7	3.9	2.1	2.3	1.8	1.9	2.2	1.4	0.4	1.4	27.5	<1.5	<2.0	<1.0	<2.0	<20	46	334	<0.5	<0.5	<0.5	<0.5
TP04 0.8m	LN1414/06	21/04/2006	10/05/2006	10/05/2006	9	<0.3	32	110	0.2	0.6	39	32	110	0.4	0.2	<0.1	0.3	0.3	2.6	0.9	3.7	3.1	1.7	1.8	1.4	1.5	1.7	1	0.3	1.1	21.6	<1.5	<2.0	<1.0	<2.0	<20	43	218	<0.5	<0.5	<0.5	<0.5
TP05 0.15m	LN1415/06	21/04/2006	10/05/2006	10/05/2006	10	<0.3	65	110	0.2	0.8	48	50	130	0.4	4	<0.1	2.2	1.7	12	3.3	12.8	10.3	4.9	5.1	3.9	3.9	4.8	3	0.7	3.1	75.7	<1.5	<2.0	<1.0	<2.0	27	87	365	<0.5	<0.5	<0.5	<0.5
TP05 0.5m	LN1416/06	21/04/2006	10/05/2006	10/05/2006	11	<0.3	45	84	0.1	0.6	36	37	170	0.5	0.9	0.1	1.4	1.5	9.9	3.9	10.4	7.5	3.8	3.7	2.6	2.9	3.3	1.9	0.5	1.8	56.1											
TP05 1.0m	LN1417/06	21/04/2006	10/05/2006	10/05/2006	4	<0.3	38	87	0.1	0.5	41	34	99	0.6	0.6	<0.1	0.7	0.6	4	1	4.2	4	1.9	2.1	1.6	1.6	2	1.2	0.3	1.3	27.1	<1.5	<2.0	<1.0	<2.0	24	76	337	<0.5	<0.5	<0.5	<0.5
TP06 0.4m	LN1418/06	21/04/2006	10/05/2006	10/05/2006	11	<0.3	50	120	0.3	0.7	82	47	150	0.6	0.4	<0.1	0.5	0.4	3.8	1.1	6.5	5.8	3.2	3.5	3.1	2.9	3.8	2.5	0.6	2.6	40.7											
TP06 1.7m	LN1419/06	21/04/2006	10/05/2006	10/05/2006	7	<0.3	52	11	<0.1	<0.3	22	50	63	1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	0.1	0.1	0.1	<0.1	0.1	<0.1	<0.1	0.2	1.3											
TP06 2.3m	LN1420/06	21/04/2006	10/05/2006	10/05/2006	6	<0.3	44	7	<0.1	<0.3	18	44	50	1.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3											
BH01 0.5m	LN1442/06	26/04/2006	18/05/2006	18/05/2006	5	<0.3	18	41	0.1	<0.3	19	18	46	<0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.2	<0.1	<0.1	0.1	1.9											
BH01 1.75m	LN1443/06	26/04/2006	18/05/2006	18/05/2006	7	<0.3	47	12	<0.1	<0.3	26	47	66	0.7	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5											
BH01 2.5m	LN1444/06	26/04/2006	18/05/2006	18/05/2006	6	<0.3	50	10	<0.1	0.4	28	47	76	3.7	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.2	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.2	1											
CPT1 1.0m	LN1492/06	03/05/2006	31/05/2006	31/05/2006	9	<0.3	40	110	0.3	0.8	82	38	170	1.6	0.9	<0.1	0.6	0.6	4.3	1.4	5	4.3	2.1	2.2	1.5	1.6	1.8	1	0.3	1.1	28.7											
CPT2 0.55m	LN1493/06	03/05/2006	31/05/2006	31/05/2006	12	<0.3	46	26	0.3	0.4	30	43	92	1.1	0.2	<0.1	<0.1	<0.1	0.7	0.1	0.9	0.8	0.4	0.5	0.4	0.4	0.4	0.2	<0.1	0.4	5.4											
CPT3 0.5m	LN1494/06	03/05/2006	31/05/2006	31/05/2006	9	<0.3	36	120	0.3	0.6	130	53	150	1.3	1	0.2	0.4	0.4	3.2	1.1	6.5	5.9	3.1	3.4	3.1	3	3.7	2.4	0.6	2.4	40.4											
BH2 0.6m	LN1496/06	03/05/2006	31/05/2006	31/05/2006	9	<0.3	77	130	0.3	1.1	95	46	200	0.8	0.4	<0.1	0.2	0.3	2.1	0.8	3.2	2.7	1.5	1.8	1.3	1.2	1.3	0.7	0.2	0.8	18.5											
BH2 0.9m	LN1497/06	03/05/2006	31/05/2006	31/05/2006	8	<0.3	29	260	0.6	0.6	74	31	280	0.7	0.9	<0.1	0.7	0.6	5.1	1.3	4.5	4.7	2.1	2.3	1.6	1.6	2	1.1	0.3	1.2	30	<1.5	<2	<1	<2	<20	28	402	<0.5	<0.5	<0.5	<0.5
BH2 1.4m	LN1498/06	03/05/2006	31/05/2006	31/05/2006	17	<0.3	37	91	0.4	0.5	50	31	170	0.7	0.5	0.2	1.9	2.5	15.3	6.3	17.3	12.9	6.8	6.7	4.8	5.1	6.1	3.5	0.9	3.3	94.1											
BH3 1.0m	LN1510/06	05/05/2006	31/05/2006	31/05/2006	26	0.4	37	531	0.8	1.2	230	70	421	4.4	2.1	0.1	3.5	2.6	25.2	6.9	37.4	33.8	16	17.8	14.4	13.1	17.1	11	2.5	11.6	215											
BH3 2.0m	LN1511/06	05/05/2006	31/05/2006	31/05/2006	6	<0.3	49	12	0.3	<0.3	24	39	67	1	0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	0.2	<0.1	0.1	0.2	<0.1	<0.1	<0.1	<0.1	0.1	1.2	<1.5	<2	<1	<2	<20	<20	64	<0.5	<0.5	<0.5	<0.5
TP07 0.2m	LN3386/06	01/09/06	14/09/2006	14/09/2006	11	<0.3	35	77	0.3	1	31	22	63	0.5	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	0.5	0.4	0.3	0.3	0.3	0.2	0.3	0.2	<0.1	0.2	3.2											
TP07 0.5m	LN3387/06	01/09/06	14/09/2006	14/09/2006	6	<0.3	43	9	0.1	<0.3	21	40	77	<0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3											
TP08 0.1m	LN3388/06	01/09/06	14/09/2006	14/09/2006	12	<0.3	40	130	0.4	<0.3	60	32	110	0.5	0.2	<0.1	0.1	0.1	1.2	0.2	1.3	1.2	0.7	0.8	0.7	0.6	0.7	0.5	0.1	0.6	9.0	<1.5	<2	<1	<2	<20	<20	66	<0.5	<0.5	<0.5	<0.5
TP08 1.2m	LN3389/06	01/09/06	14/09/2006	14/09/2006	7	<0.3	47	8	<0.1	<0.3	23	41	68	1.0	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.7											
TP08 4.0m	LN3390/06	01/09/06	14/09/2006	14/09/2006	6	<0.3	45	8	<0.1	0	24	42	67	2.3	0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.8											
TP09 0.4m	LN3391/06	01/09/06	14/09/2006	14/09/2006	4	<0.3	48	9	<0.1	<0.3	25	38	81	<0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<1.5	<2	<1	<2	<20	<20	168	<0.5	<0.5	<0.5	<0.5
TP09 2.0m	LN3392/06	01/09/06	14/09/2006	14/09/2006	4	<0.3	44	8	<0.1	<0.3	23	41	68	1.6	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.7											
TP10 0.2m	LN3393/06	01/09/06	14/09/2006	14/09/2006	9	<0.3	45	110	0.2	1	60	41	130	0.4	0.4	<0.1	0.5	0.3	3.0	0.7	3.5	3.0	1.4	1.6	1.2	1.1	1.4	1.0	0.2	1.0	20.3											
TP10 1.5m	LN3394/06	01/09/06	14/09/2006	14/09/2006	4	<0.3	46	8	<0.1	<0.3	23	44	67	<0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.7											
TP11 0.1m	LN3395/06	01/09/06	14/09/2006	14/09/2006	9	<0.3	44	69	0.1	0	38	30	82	0.4	0.2	<0.1	0.2	0.1	1.1	0.2	1.1	1.0	0.5	0.6	0.5	0.4	0.5	0.3	<0.1	0.3	7.0	<1.8	<2.4	<1.2	<2.4	23	88	933	<0.6	<0.6	<0.6	<0.6
TP11 1.5m	LN3396/06	01/09/06	14/09/2006	14/09/2006	5	<0.3	69	8	<0.1	<0.3	25	78	67	1.4	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5											
TP15 0.3m	LN3397/06	01/09/06	14/09/2006	14/09/2006	25	0.9	22	250	1.0	1	140	44	341	0.9	0.5	0.2	0.4	0.4	3.4	0.9	4.6	4.2	2.2	2.4	2.0	1.8	2.4	1.8	0.4	1.8	29.4	<1.5	<2	<1	<2	<20	<20	<20	<0.5	<0.5	<0.5	<0.5
TP15 2.0m	LN3398/06	01/09/06	14/09/2006	14/09/2006	2	<0.3	34	6	<0.1	<0.3	18	30	50	0.4	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2											
TP16 0.1m	LN3399/06	01/09/06	14/09/2006	14/09/2006	28	0.5	29	250	0.5	1.3	150	40	210	1.0	0.5	<0.1	0.7	0.5	4.4	1.1	5.6	4.9	2.5	2.8	2.2	2.0	2.5	1.8	0.4	1.8	33.7											
TP16 0.6m	LN3400/06	01/09/06	14/09/2006	14/09/2006	3	<0.3	38	9	<0.1	<0.3	19	33	56	0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3											
TP18 0.9m	LN3401/06	01/09/06	14/09/2006	14/09/2006	<1	<0.3	18	6	0.2	<0.3	9	24	25	<0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<1.5	<2	<1	<2	<20	40	530	<0.5	<0.5	<0.5	<0.5
TP18 1.5m	LN3402/06	01/09/06	14/09/2006	14/09/2006	<1	<0.3	18	3	<0.1	<0.3	8	14	21	<0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1											
BH9 0.3m	LN3403/06	01/09/06	14/09/2006	14/09/2006	4	<0.3	40	11	<0.1	<0.3	14	22	49	<0.3	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1											
BH9 1.0m	LN3404/06	01/09/06	14/09/2006	14/09/2006	5	<0.3	43	8	<0.1	<0.3	21	39	64	0.3	0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3											
TP17 0.4m	LN3405/06	01/09/06	14/09/2006	14/09/2006	45	0.8	40	280	1.1	1.4	92	59	240	0.8	0.2	<0.1	<0.1	<0.1	0.8	0.2	1.1	1.0	0.7	0.8	0.8	0.7	0.8	0.7	0.2	0.7	8.7	<1.5	<2	<1	<2	<20	37	324	<0.5	<0.5	<0.5	<0.5
TP17 2.0m	LN3406/06	01/09/06	14/09/2006	14/09/2006	8	<0.3	51	8	<0.1	0.3	30	50	76	<0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	0.1	0.1	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	0.2	0.8											
TP19 0.2m	LN3407/06	01/09/06	14/09/2006	14/09/2006	24	0.7	30	343	1.1	0.7	160	54	280	1.4	1.2	0.1	1.7	1.2	9.8	2.4	11.3	9.5	4.7	5.1	4.0	3.5	4.6	3.2	0.7	3.1	66.1	<1.8	<2.4	<1.2	<2.4	<20	<20	44	<0.6	<0.6	<0.6	<0.6
TP19 1.5m	LN3408/06	01/09/06	14/09/2006	14/09/2006	<1	<0.3	28	6	<0.1	<0.3	15	23	36	0.6	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1											
TP20 0.5m	LN3409/06	01/09/06	14/09/2006	14/09/2006	14	<0.3	39	120	0.1	0.4	53	38	120	0.6	0.1	<0.1	0.2	0.1	1.6	0.5	3.1	2.8	1.5	1.6	1.4	1.3	1.7	1.3	0.1	1.2	18.5											
TP20 2.2m	LN3410/06	01/09/06	14/09/2006	14/09/2006	9	<0.3	47	33	<0.1	<0.3	32	45	95	0.6	0.1	<0.1	0.1	<0.1	0.8	0.2	0.8	0.7	0.3	0.4	0.3	0.3	0.3	0.2	<0.1	0.3	4.8	<1.5	<2	<1	<2	<20	40	250	<0.5	<0.5	<0.5	<0.5
TP12 1.0m	LN3411/06	01/09/06	14/09/2006	14/09/2006	4	<0.3	45	9	1.1	<0.3	23	41	70	0.4	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2											
TP12 3.0m	LN3412/06	01/09/06	14/09/2006	14/09/2006	6	<0.3	44	8	<0.1	<0.3	22	42	66	2.6	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.6											
TP13 0.7m	LN3413/06	01/09/06	14/09/2006	14/09/2006	3	<0.3	51	10	<0.1	<0.3	26	43	76	<0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2											
TP14 0.1m	LN3414/06	01/09/06	14/09/2006	14/09/2006	14	<0.3	42	150	0.3	0.6	74	51	150	1.0	0.2	<0.1	0.3	0.2	1.9	0.4	2.2	1.8	1.0	1.1	0.9	0.7	0.9	0.6	<0.1	0.7	12.9											
TP14 2.0m	LN3415/06	01/09/06	14/09/2006	14/09/2006	6	<0.3	43	8	<0.1	<0.3	24	41	66	1.7	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	0.6											
TP18 0.3m	LN3432/06	04/09/06	14/09/2006	14/09/2006	5	<0.3	38	6	<0.1	<0.3	20	35	51	0.4	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2											

A0567-00 - M8 JUNCTION, SITE INVESTIGATION																
Sample Reference	Laboratory Reference	Date Received	Date Completed	Date Reported	m,p-Xylene	o-Xylene	Sulphate mg/kg	Sulphide mg/kg	Cr (VI) mg/kg	Total Cyanide mg/kg	pH pH Units	Solids %	MC %	% Passing 2mm Sieve	ASBESTOS
BH04 0.35m	LN1401/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	300	<5	<5	<0.5	8.3	72.7	27.3	28.1	ABSENT
BH04 1.0m	LN1402/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	520	8	<5	<0.5	6.8	71.7	28.3	77	ABSENT
BH04 3.0m	LN1403/06	21/04/2006	10/05/2006	10/05/2006			360	195	<5	<0.5	7.3	78.8	21.2	96	ABSENT
TP01 0.1m	LN1404/06	21/04/2006	10/05/2006	10/05/2006			820	<5	<5	<0.5	7.6	83.3	16.7	55.2	ABSENT
TP01 1.1m	LN1405/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	740	28.4	<5	<0.5	7.9	75.4	24.6	66.9	ABSENT
TP01 2.3m	LN1406/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	580	7.8	<5	<0.5	7.8	78.4	21.6	58.4	ABSENT
TP02 0.5m	LN1407/06	21/04/2006	10/05/2006	10/05/2006			290	<5	<5	<0.5	7.7	78.3	21.7	92.9	ABSENT
TP02 0.8m	LN1408/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	460	10.3	<5	<0.5	7.8	83.4	16.6	61.7	ABSENT
TP02 2.9m	LN1409/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	290	6.5	<5	<0.5	8	80	20	78.1	ABSENT
TP03 0.3m	LN1410/06	21/04/2006	10/05/2006	10/05/2006			260	<5	<5	<0.5	7.5	79.4	20.6	69.5	ABSENT
TP03 1.2m	LN1411/06	21/04/2006	10/05/2006	10/05/2006			460	<5	<5	<0.5	7.8	80.9	19.1	85.1	ABSENT
TP03 2.3m	LN1412/06	21/04/2006	10/05/2006	10/05/2006			270	1321	<5	<0.5	7.6	78.4	21.6	90.8	ABSENT
TP04 0.2m	LN1413/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	400	14.6	<5	<0.5	7.6	79.7	20.3	72.7	ABSENT
TP04 0.8m	LN1414/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	390	7.2	<5	<0.5	7.8	81	19	79	ABSENT
TP05 0.15m	LN1415/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	340	5.1	<5	<0.5	7.4	80.8	19.2	70.5	ABSENT
TP05 0.5m	LN1416/06	21/04/2006	10/05/2006	10/05/2006			420	<5	<5	<0.5	7.6	79.3	20.7	52.5	ABSENT
TP05 1.0m	LN1417/06	21/04/2006	10/05/2006	10/05/2006	<0.5	<0.5	320	12.6	<5	<0.5	7.9	83.9	16.1	67.8	ABSENT
TP06 0.4m	LN1418/06	21/04/2006	10/05/2006	10/05/2006			510	6.1	<5	<0.5	7.5	71.7	28.3	87.1	ABSENT
TP06 1.7m	LN1419/06	21/04/2006	10/05/2006	10/05/2006			<250	6.1	<5	<0.5	7.8	79.8	20.2	88.1	ABSENT
TP06 2.3m	LN1420/06	21/04/2006	10/05/2006	10/05/2006			280	535	<5	<0.5	7.9	79.6	20.4	95.1	ABSENT
BH01 0.5m	LN1442/06	26/04/2006	18/05/2006	18/05/2006			<250	<5	<5	<0.5	7.9	87.2	12.8	68	ABSENT
BH01 1.75m	LN1443/06	26/04/2006	18/05/2006	18/05/2006			<250	<5	<5	<0.5	8.1	72.8	27.2	85.6	ABSENT
BH01 2.5m	LN1444/06	26/04/2006	18/05/2006	18/05/2006			<250	6.2	<5	<0.5	7.7	92	8	84.2	
CPT1 1.0m	LN1492/06	03/05/2006	31/05/2006	31/05/2006			580	83	<5	<0.5	7.6	75.6	24.4	53.5	ABSENT
CPT2 0.55m	LN1493/06	03/05/2006	31/05/2006	31/05/2006			280	<5	<5	<0.5	7.5	78.5	21.5	56.2	ABSENT
CPT3 0.5m	LN1494/06	03/05/2006	31/05/2006	31/05/2006			430	7	<5	<0.5	8.1	81	19	43	ABSENT
BH2 0.6m	LN1496/06	03/05/2006	31/05/2006	31/05/2006			440	7	<5	<0.5	7.6	79.6	20.4	35.5	ABSENT
BH2 0.9m	LN1497/06	03/05/2006	31/05/2006	31/05/2006	<0.5	<0.5	860	11	<5	<0.5	7.9	81.3	18.7	51.4	ABSENT
BH2 1.4m	LN1498/06	03/05/2006	31/05/2006	31/05/2006			420	24	<5	<0.5	7.9	75.6	24.4	53.4	ABSENT
BH3 1.0m	LN1510/06	05/05/2006	31/05/2006	31/05/2006			720	11.9	<5	<0.5	7.3	76.3	23.7	62.5	ABSENT
BH3 2.0m	LN1511/06	05/05/2006	31/05/2006	31/05/2006	<0.5	<0.5	<250	<5	<5	<0.5	7.9	75.5	24.5	77.9	
TP07 0.2m	LN3386/06	01/09/06	14/09/2006	14/09/2006			1380				6.1	67.0	33	100	ABSENT
TP07 0.5m	LN3387/06	01/09/06	14/09/2006	14/09/2006			<250				7.2	83.9	16	93.4	ABSENT
TP08 0.1m	LN3388/06	01/09/06	14/09/2006	14/09/2006	<0.5	<0.5	1090				6.3	73.2	27	93.9	ABSENT
TP08 1.2m	LN3389/06	01/09/06	14/09/2006	14/09/2006			310				8.0	78.0	22	91	ABSENT
TP08 4.0m	LN3390/06	01/09/06	14/09/2006	14/09/2006			520				9.1	74.3	26	93.9	ABSENT
TP09 0.4m	LN3391/06	01/09/06	14/09/2006	14/09/2006	<0.5	<0.5	<250				6.5	80.4	20	100	ABSENT
TP09 2.0m	LN3392/06	01/09/06	14/09/2006	14/09/2006			700				8.1	74.7	25.3	100	ABSENT
TP10 0.2m	LN3393/06	01/09/06	14/09/2006	14/09/2006			420				6.3	76.8	23.2	89.1	ABSENT
TP10 1.5m	LN3394/06	01/09/06	14/09/2006	14/09/2006			<250				7.4	84.4	15.6	100	ABSENT
TP11 0.1m	LN3395/06	01/09/06	14/09/2006	14/09/2006	<0.6	<0.6	1110				6.2	76.4	23.6	94.9	ABSENT
TP11 1.5m	LN3396/06	01/09/06	14/09/2006	14/09/2006			500				8.1	75.9	24.1	100	ABSENT
TP15 0.3m	LN3397/06	01/09/06	14/09/2006	14/09/2006	<0.5	<0.5	1300				8.1	65.9	34.1	85.4	ABSENT
TP15 2.0m	LN3398/06	01/09/06	14/09/2006	14/09/2006			260				6.0	80.3	19.7	97.1	ABSENT
TP16 0.1m	LN3399/06	01/09/06	14/09/2006	14/09/2006			1460				6.0	62.9	37.1	90.6	ABSENT
TP16 0.6m	LN3400/06	01/09/06	14/09/2006	14/09/2006			<250				7.3	78.8	21.2	100	ABSENT
TP18 0.9m	LN3401/06	01/09/06	14/09/2006	14/09/2006	<0.5	<0.5	<250				6.9	82.3	17.7	100	ABSENT
TP18 1.5m	LN3402/06	01/09/06	14/09/2006	14/09/2006			<250				7.2	83.5	16.5	100	ABSENT
BH9 0.3m	LN3403/06	01/09/06	14/09/2006	14/09/2006			1000				6.7	79.7	20.3	80.5	ABSENT
BH9 1.0m	LN3404/06	01/09/06	14/09/2006	14/09/2006			<250				7.0	76.8	23.2	95.4	ABSENT
TP17 0.4m	LN3405/06	01/09/06	14/09/2006	14/09/2006	<0.5	<0.5	1060				6.1	68.0	32.0	72.5	ABSENT
TP17 2.0m	LN3406/06	01/09/06	14/09/2006	14/09/2006			<250				7.7	75.5	24.5	71	ABSENT
TP19 0.2m	LN3407/06	01/09/06	14/09/2006	14/09/2006	<0.6	<0.6	1470				6.0	62.2	37.8	68.3	ABSENT
TP19 1.5m	LN3408/06	01/09/06	14/09/2006	14/09/2006			<250				7.4	80.2	19.8	84.3	ABSENT
TP20 0.5m	LN3409/06	01/09/06	14/09/2006	14/09/2006			690				8.2	85.7	14.3	44.3	ABSENT
TP20 2.2m	LN3410/06	01/09/06	14/09/2006	14/09/2006	<0.5	<0.5	<250				7.5	49.7	50.3	89.9	ABSENT
TP12 1.0m	LN3411/06	01/09/06	14/09/2006	14/09/2006			<250	<5	<5	<0.5	7.4	62.0	38.0	84	ABSENT
TP12 3.0m	LN3412/06	01/09/06	14/09/2006	14/09/2006			400	1360	<5	<0.5	9.1	72.2	27.8	65.4	ABSENT
TP13 0.7m	LN3413/06	01/09/06	14/09/2006	14/09/2006			<250	6	<5	<0.5	7.2	82.1	17.9	76.7	ABSENT
TP14 0.1m	LN3414/06	01/09/06	14/09/2006	14/09/2006			540	<5	<5	<0.5	7.2	82.0	18.0	64	ABSENT
TP14 2.0m	LN3415/06	01/09/06	14/09/2006	14/09/2006			440	1680	<5	<0.5	8.3	95.9	4.1	79.1	ABSENT
TP18 0.3m	LN3432/06	04/09/06	14/09/2006	14/09/2006			<250				8.0	77.4	22.6	93.6	ABSENT

A0567-00-R2-1 M8 Junction, Site Investigation - Landfill Waste

Sample Reference	Depth	As mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Log of Pb	Hg mg/kg	Se mg/kg	Ni mg/kg	Cr (VI) mg/kg	Total Cyanide mg/kg	Naphthalene mg/kg	Acenaphthylene mg/kg	Acenaphthene mg/kg	Fluorene mg/kg	Phenanthrene mg/kg	Anthracene mg/kg	Fluoranthene mg/kg	Pyrene mg/kg	Benz(a)anthracene mg/kg	Chrysene mg/kg	Benzo(b)fluoranthene mg/kg	Benz(k)fluoranthene mg/kg	Benz(a)pyrene mg/kg
TP01	**1.1**	9	0.3	42	300	2.48	0.2	0.6	40	5	0.5	0.4	0.1	0.4	0.4	3	0.9	4.4	3.7	1.9	2.1	1.7	1.6	2
TP01	**2.3**	7	0.3	43	54	1.73	0.2	0.4	46	5	0.5	0.2	0.1	0.3	0.2	1.9	0.5	2.4	2.1	1	1.1	0.9	0.9	1.1
TP02	**0.8**	7	0.3	35	81	1.91	0.1	0.5	34	5	0.5	0.7	0.1	0.4	0.4	2.7	0.7	3.5	3	1.6	1.7	1.4	1.3	1.6
TP04	**0.8**	9	0.3	32	110	2.04	0.2	0.6	32	5	0.5	0.2	0.1	0.3	0.3	2.6	0.9	3.7	3.1	1.7	1.8	1.4	1.5	1.7
TP05	**1**	4	0.3	38	87	1.94	0.1	0.5	34	5	0.5	0.6	0.1	0.7	0.6	4	1	4.2	4	1.9	2.1	1.6	1.6	2
BH01	**0.5**	5	0.3	18	41	1.61	0.1	0.3	18	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.2
BH01	**1.75**	7	0.3	47	12	1.08	0.1	0.3	47	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
CPT1	**1**	9	0.3	40	110	2.04	0.3	0.8	38	5	0.5	0.9	0.1	0.6	0.6	4.3	1.4	5	4.3	2.1	2.2	1.5	1.6	1.8
BH2	**0.6**	9	0.3	77	130	2.11	0.3	1.1	46	5	0.5	0.4	0.1	0.2	0.3	2.1	0.8	3.2	2.7	1.5	1.8	1.3	1.2	1.3
BH2	**0.9**	8	0.3	29	260	2.41	0.6	0.6	31	5	0.5	0.9	0.1	0.7	0.6	5.1	1.3	4.5	4.7	2.1	2.3	1.6	1.6	2
BH2	**1.4**	17	0.3	37	91	1.96	0.4	0.5	31	5	0.5	0.5	0.2	1.9	2.5	15.3	6.3	17.3	12.9	6.8	6.7	4.8	5.1	6.1
Guidance Value - G		**500**	**1400**	**5000**	**750**	**2.88**	**480**	**8000**	**5000**	**500**	**39**	**35**		**64000**	**52000**		**430000**	**59000**	**44000**	**290**	**2900**	**290**	**290**	**29**
Guidance Value - Type		sgv	sgv	sgv	sgv		sgv	sgv	sgv			SNIFFER		SNIFFER	SNIFFER		SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER
No of exceedences of G		0	0	0		0	0	0	0			0		0	0		0	0	0	0	0	0	0	0
Minimum Value		4	0.3	18	12	1.08	0.1	0.3	18	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Maximum Value		17	0.3	77	300	2.48	0.6	1.1	47	5	0.5	0.9	0.2	1.9	2.5	15.3	6.3	17.3	12.9	6.8	6.7	4.8	5.1	6.1
2nd Highest		9	0.3	47	260	2.41	0.4	0.8	46	5	0.5	0.9	0.1	0.7	0.6	5.1	1.4	5	4.7	2.1	2.3	1.7	1.6	2
Mean Value Test																								
Number of samples		11	11	11		11.00	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Arithemetic sample mean, x*		8.27	0.30	39.82		1.94	0.24	0.56	36.09			0.45		0.52	0.55	3.76	1.27	4.42	3.72	1.90	2.01	1.50	1.52	1.81
Unbiased sample deviation, s		3.35	0.00	14.62		0.38	0.16	0.23	8.60			0.29		0.51	0.67	4.12	1.72	4.57	3.39	1.77	1.73	1.23	1.31	1.58
t value		1.796	1.796	1.796		1.80	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796	1.796
Upper Bound (95th % ile)		10	0	48		2.14	0	1	41	0	0	1	0	1	1	6	2	7	6	3	3	2	2	3
Upper Bound > G ??		**Pass**	**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**			**Pass**		**Pass**	**Pass**	**Fail**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - Landfill Waste

Sample Reference	Depth	Indeno(1,2,3-cd)pyrene mg/kg	Dibenz(a,h)anthracene mg/kg	Benzo(ghi)perylene mg/kg	Total PAH's mg/kg	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40	MTBE	Benzene	Toluene	Ethyl Benzene	m,p-Xylene	o-Xylene	pH pH Units
TP01	**1.1**	1.3	0.3	1.4	25.5	1.5	2	1	2	20	69	554	0.5	0.5	0.5	0.5	0.5	0.5	7.9
TP01	**2.3**	0.7	0.2	0.8	14.3	1.5	2	1	2	20	31	497	0.5	0.5	0.5	0.5	0.5	0.5	7.8
TP02	**0.8**	1	0.3	1.1	21.4	1.5	2	1	2	20	53	372	0.5	0.5	0.5	0.5	0.5	0.5	7.8
TP04	**0.8**	1	0.3	1.1	21.6	1.5	2	1	2	20	43	218	0.5	0.5	0.5	0.5	0.5	0.5	7.8
TP05	**1**	1.2	0.3	1.3	27.1	1.5	2	1	2	24	76	337	0.5	0.5	0.5	0.5	0.5	0.5	7.9
BH01	**0.5**	0.1	0.1	0.1	1.9														7.9
BH01	**1.75**	0.1	0.1	0.1	0.5														8.1
CPT1	**1**	1	0.3	1.1	28.7														7.6
BH2	**0.6**	0.7	0.2	0.8	18.5														7.6
BH2	**0.9**	1.1	0.3	1.2	30														7.9
BH2	**1.4**	3.5	0.9	3.3	94.1														7.9
Guidance Value - G		**290**	**29**			**160**	**62**	**100**	**530**	**2400**	**6890**	**10650**		**0.9**	**150**	**48000**	**149**	**149**	
Guidance Value - Type		SNIFFER	SNIFFER			SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER		SNIFFER	SGV	SGV	SNIFFER	SNIFFER	
No of exceedences of G		0	0			0	0	0	0	0	0	0		0	0	0	0	0	
Minimum Value		0.1	0.1	0.1	0.5	1.5	2	1	2	20	31	218	0.5	0.5	0.5	0.5	0.5	0.5	7.6
Maximum Value		3.5	0.9	3.3	94.1	1.5	2	1	2	24	76	554	0.5	0.5	0.5	0.5	0.5	0.5	8.1
2nd Highest		1.3	0.3	1.4	30	1.5	2	1	2	20	69	497	0.5	0.5	0.5	0.5	0.5	0.5	7.9
Mean Value Test																			
Number of samples		11	11	11	11	5	5	5	5	5	5	5	5	5	5	5	5	5	11
Arithemetic sample mean, x*		1.06	0.30																
Unbiased sample deviation, s		0.90	0.21																
t value		1.796	1.796	1.796	1.796	2.015	2.015	2.015	2.015	2.015	2.015	2.015	2.015	2.015	2.015	2.015	2.015	2.015	1.796
Upper Bound (95th % ile)		2	0																
Upper Bound > G ??		**Pass**	**Pass**																

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - All samples

Sample Reference	Depth	As mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Log of Pb	Hg mg/kg	Se mg/kg	Ni mg/kg	Cr (VI) mg/kg	Total Cyanide mg/kg	Naphthalene mg/kg	Acenaphthylene mg/kg	Acenaphthene mg/kg	Fluorene mg/kg	Phenanthrene mg/kg	Anthracene mg/kg	Fluoranthene mg/kg	Pyrene mg/kg	Benz(a)anthracene mg/kg	Chrysene mg/kg	Benzo(b)fluoranthene mg/kg	Benz(k)fluoranthene mg/kg	Benz(a)pyrene mg/kg
BH04	**0.35**	7	0.3	38	4	0.60	0.3	0.3	38	5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.3	0.2	0.1	0.2
BH04	**1**	15	0.3	32	250	2.40	0.1	0.8	39	5	0.5	0.2	0.1	0.1	0.1	1.3	0.3	1.8	1.6	0.8	1	0.8	0.7	0.9
BH04	**3**	10	0.3	47	9	0.95	1	0.3	40	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP01	**0.1**	9	0.3	40	316	2.50	0.1	0.7	38	5	0.5	0.2	0.1	0.2	0.2	1.6	0.4	2.6	2.4	1.2	1.4	1.2	1.2	1.4
TP01	**1.1**	9	0.3	42	300	2.48	0.2	0.6	40	5	0.5	0.4	0.1	0.4	0.4	3	0.9	4.4	3.7	1.9	2.1	1.7	1.6	2
TP01	**2.3**	7	0.3	43	54	1.73	0.2	0.4	46	5	0.5	0.2	0.1	0.3	0.2	1.9	0.5	2.4	2.1	1	1.1	0.9	0.9	1.1
TP02	**0.5**	7	0.3	33	34	1.53	0.1	0.4	36	5	0.5	0.5	0.1	0.3	0.2	1.2	0.3	1.2	1	0.5	0.6	0.4	0.4	0.4
TP02	**0.8**	7	0.3	35	81	1.91	0.1	0.5	34	5	0.5	0.7	0.1	0.4	0.4	2.7	0.7	3.5	3	1.6	1.7	1.4	1.3	1.6
TP02	**2.9**	8	0.3	38	63	1.80	0.1	0.4	39	5	0.5	1.2	0.1	1.9	1.6	10.5	2.7	12.4	10.6	5	5.5	4.2	3.8	5.3
TP03	**0.3**	8	0.3	49	46	1.66	0.2	0.4	45	5	0.5	0.1	0.1	0.1	0.1	0.8	0.2	1.2	1.1	0.6	0.6	0.6	0.5	0.6
TP03	**1.2**	8	0.3	41	150	2.18	0.2	0.7	39	5	0.5	0.4	0.1	0.3	0.3	2.1	0.6	3	2.6	1.3	1.5	1.2	1.2	1.4
TP03	**2.3**	10	0.3	56	10	1.00	0.1	0.3	43	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP04	**0.2**	9	0.3	35	91	1.96	0.2	0.6	38	5	0.5	0.5	0.1	0.4	0.4	3.2	0.9	4.7	3.9	2.1	2.3	1.8	1.9	2.2
TP04	**0.8**	9	0.3	32	110	2.04	0.2	0.6	32	5	0.5	0.2	0.1	0.3	0.3	2.6	0.9	3.7	3.1	1.7	1.8	1.4	1.5	1.7
TP05	**0.15**	10	0.3	65	110	2.04	0.2	0.8	50	5	0.5	4	0.1	2.2	1.7	12	3.3	12.8	10.3	4.9	5.1	3.9	3.9	4.8
TP05	**0.5**	11	0.3	45	84	1.92	0.1	0.6	37	5	0.5	0.9	0.1	1.4	1.5	9.9	3.9	10.4	7.5	3.8	3.7	2.6	2.9	3.3
TP05	**1**	4	0.3	38	87	1.94	0.1	0.5	34	5	0.5	0.6	0.1	0.7	0.6	4	1	4.2	4	1.9	2.1	1.6	1.6	2
TP06	**0.4**	11	0.3	50	120	2.08	0.3	0.7	47	5	0.5	0.4	0.1	0.5	0.4	3.8	1.1	6.5	5.8	3.2	3.5	3.1	2.9	3.8
TP06	**1.7**	7	0.3	52	11	1.04	0.1	0.3	50	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
TP06	**2.3**	6	0.3	44	7	0.85	0.1	0.3	44	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BH01	**0.5**	5	0.3	18	41	1.61	0.1	0.3	18	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.3	0.3	0.2	0.2	0.2	0.2	0.2
BH01	**1.75**	7	0.3	47	12	1.08	0.1	0.3	47	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BH01	**2.5**	6	0.3	50	10	1.00	0.1	0.4	47	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
CPT1	**1**	9	0.3	40	110	2.04	0.3	0.8	38	5	0.5	0.9	0.1	0.6	0.6	4.3	1.4	5	4.3	2.1	2.2	1.5	1.6	1.8
CPT2	**0.55**	12	0.3	46	26	1.41	0.3	0.4	43	5	0.5	0.2	0.1	0.1	0.1	0.7	0.1	0.9	0.8	0.4	0.5	0.4	0.4	0.4
CPT3	**0.5**	9	0.3	36	120	2.08	0.3	0.6	53	5	0.5	1	0.2	0.4	0.4	3.2	1.1	6.5	5.9	3.1	3.4	3.1	3	3.7
BH2	**0.6**	9	0.3	77	130	2.11	0.3	1.1	46	5	0.5	0.4	0.1	0.2	0.3	2.1	0.8	3.2	2.7	1.5	1.8	1.3	1.2	1.3
BH2	**0.9**	8	0.3	29	260	2.41	0.6	0.6	31	5	0.5	0.9	0.1	0.7	0.6	5.1	1.3	4.5	4.7	2.1	2.3	1.6	1.6	2
BH2	**1.4**	17	0.3	37	91	1.96	0.4	0.5	31	5	0.5	0.5	0.2	1.9	2.5	15.3	6.3	17.3	12.9	6.8	6.7	4.8	5.1	6.1
BH3	**1**	26	0.4	37	531	2.73	0.8	1.2	70	5	0.5	2.1	0.1	3.5	2.6	25.2	6.9	37.4	33.8	16	17.8	14.4	13.1	17.1
BH3	**2**	6	0.3	49	12	1.08	0.3	0.3	39	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1
TP07	**0.2**	11	0.3	35	77	1.89	0.3	0.6	22			0.1	0.1	0.1	0.1	0.5	0.1	0.5	0.4	0.3	0.3	0.3	0.2	0.3
TP07	**0.5**	6	0.3	43	9	0.95	0.1	0.3	40			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP08	**0.1**	12	0.3	40	130	2.11	0.4	0.3	32			0.2	0.1	0.1	0.1	1.2	0.2	1.3	1.2	0.7	0.8	0.7	0.6	0.7
TP08	**1.2**	7	0.3	47	8	0.90	0.1	0.3	41			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP08	**4**	6	0.3	45	8	0.90	0.1	0.3	42			0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP09	**0.4**	4	0.3	48	9	0.95	0.1	0.3	38			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP09	**2**	4	0.3	44	8	0.90	0.1	0.3	41			0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP10	**0.2**	9	0.3	45	110	2.04	0.2	0.5	41			0.4	0.1	0.5	0.3	3	0.7	3.5	3	1.4	1.6	1.2	1.1	1.4
TP10	**1.5**	4	0.3	46	8	0.90	0.1	0.3	44			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP11	**0.1**	9	0.3	44	69	1.84	0.1	0.3	30			0.2	0.1	0.2	0.1	1.1	0.2	1.1	1	0.5	0.6	0.5	0.4	0.5
TP11	**1.5**	5	0.3	69	8	0.90	0.1	0.3	78			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP15	**0.3**	25	0.9	22	250	2.40	1	0.8	44			0.5	0.2	0.4	0.4	3.4	0.9	4.6	4.2	2.2	2.4	2	1.8	2.4
TP15	**2**	2	0.3	34	6	0.78	0.1	0.3	30			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP16	**0.1**	28	0.5	29	250	2.40	0.5	1.3	40			0.5	0.1	0.7	0.5	4.4	1.1	5.6	4.9	2.5	2.8	2.2	2	2.5
TP16	**0.6**	3	0.3	38	9	0.95	0.1	0.3	33			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP18	**0.9**	1	0.3	18	6	0.78	0.2	0.3	24			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP18	**1.5**	1	0.3	18	3	0.48	0.1	0.3	14			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BH9	**0.3**	4	0.3	40	11	1.04	0.1	0.3	22			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BH9	**1**	5	0.3	43	8	0.90	0.1	0.3	39			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP17	**0.4**	45	0.8	40	280	2.45	1.1	1.4	59			0.2	0.1	0.1	0.1	0.8	0.2	1.1	1	0.7	0.8	0.8	0.7	0.8
TP17	**2**	8	0.3	51	8	0.90	0.1	0.3	50			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP19	**0.2**	24	0.7	30	343	2.54	1.1	0.7	54			1.2	0.1	1.7	1.2	9.8	2.4	11.3	9.5	4.7	5.1	4	3.5	4.6
TP19	**1.5**	1	0.3	28	6	0.78	0.1	0.3	23			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP20	**0.5**	14	0.3	39	120	2.08	0.1	0.4	38			0.1	0.1	0.2	0.1	1.6	0.5	3.1	2.8	1.5	1.6	1.4	1.3	1.7
TP20	**2.2**	9	0.3	47	33	1.52	0.1	0.3	45			0.1	0.1	0.1	0.1	0.8	0.2	0.8	0.7	0.3	0.4	0.3	0.3	0.3
TP12	**1**	4	0.3	45	9	0.95	1.1	0.3	41	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP12	**3**	6	0.3	44	8	0.90	0.1	0.3	42	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP13	**0.7**	3	0.3	51	10	1.00	0.1	0.3	43	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP14	**0.1**	14	0.3	42	150	2.18	0.3	0.6	51	5	0.5	0.2	0.1	0.3	0.2	1.9	0.4	2.2	1.8	1	1.1	0.9	0.7	0.9
TP14	**2**	6	0.3	43	8	0.90	0.1	0.3	41	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP18	**0.3**	5	0.3	38	6	0.78	0.1	0.3	35			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Guidance Value - G		**500**	**1400**	**5000**	**750**	**2.88**	**480**	**8000**	**5000**	**5000**	**39**	**35**		**64000**	**52000**		**430000**	**59000**	**44000**	**290**	**2900**	**290**	**290**	**29**
Guidance Value - Type		sgv	sgv	sgv	sgv		sgv	sgv	sgv	sgv	SNIFFER	SNIFFER		SNIFFER	SNIFFER		SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER
No of exceedences of G		0	0	0		0	0	0	0			0		0	0		0	0	0	0	0	0	0	0
Minimum Value		1	0.3	18	3	0.48	0.1	0.3	14	5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Maximum Value		45	0.9	77	531	2.73	1.1	1.4	78	5	0.5	4	0.2	3.5	2.6	25.2	6.9	37.4	33.8	16	17.8	14.4	13.1	17.1
2nd Highest		28	0.8	69	343	2.54	1.1	1.3	70	5	0.5	2.1	0.2	2.2	2.5	15.3	6.3	17.3	12.9	6.8	6.7	4.8	5.1	6.1
Mean Value Test																								
Number of samples		62	62	62		62.00	62	62	62	36	36	62		62	62		62	62	62	62	62	62	62	62
Arithemetic sample mean, x*		9.21	0.33	41.40		1.53	0.26	0.48	40.15	5.00	0.50	0.37		0.39	0.35		0.73	3.03	2.61	1.33	1.44	1.15	1.10	1.36
Unbiased sample deviation, s		7.28	0.11	10.61		0.63	0.28	0.26	10.63	0.00	0.00	0.60		0.62	0.54		1.33	5.75	4.99	2.40	2.61	2.07	1.93	2.50
t value		1.67	1.67	1.67		1.67	1.67	1.67	1.67	1.697	1.697	1.67		1.67	1.67		1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
Upper Bound (95th % ile)		11	0	44		1.67	0	1	42	5	1	0		1	0		1	4	4	2	2	2	2	2
Upper Bound > G ??		**Pass**	**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - All samples

Sample Reference	Depth	Indeno(1,2,3-cd)pyrene mg/kg	Dibenz(a,h)anthracene mg/kg	Benzo(ghi)perylene mg/kg	Total PAH's mg/kg	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40	MTBE	Benzene	Toluene	Ethyl Benzene	m,p-Xylene	o-Xylene	pH pH Units
BH04	**0.35**	0.2	0.1	0.2	1.8	1.5	2	1	2	20	53	2130	0.5	0.5	0.5	0.5	0.5	0.5	8.3
BH04	**1**	0.6	0.2	0.7	11.1	1.5	2	1	2	20	42	282	0.5	0.5	0.5	0.5	0.5	0.5	6.8
BH04	**3**	0.1	0.1	0.1	0.8														7.3
TP01	**0.1**	0.9	0.2	1.1	16.2														7.6
TP01	**1.1**	1.3	0.3	1.4	25.5	1.5	2	1	2	20	69	554	0.5	0.5	0.5	0.5	0.5	0.5	7.9
TP01	**2.3**	0.7	0.2	0.8	14.3	1.5	2	1	2	20	31	497	0.5	0.5	0.5	0.5	0.5	0.5	7.8
TP02	**0.5**	0.3	0.1	0.3	7.6														7.7
TP02	**0.8**	1	0.3	1.1	21.4	1.5	2	1	2	20	53	372	0.5	0.5	0.5	0.5	0.5	0.5	7.8
TP02	**2.9**	3.3	0.8	3.7	72.5	1.5	2	1	2	29	96	346	0.5	0.5	0.5	0.5	0.5	0.5	8
TP03	**0.3**	0.4	0.1	0.5	7.3														7.5
TP03	**1.2**	0.9	0.2	1	18														7.8
TP03	**2.3**	0.1	0.1	0.1	0.8														7.6
TP04	**0.2**	1.4	0.4	1.4	27.5	1.5	2	1	2	20	46	334	0.5	0.5	0.5	0.5	0.5	0.5	7.6
TP04	**0.8**	1	0.3	1.1	21.6	1.5	2	1	2	20	43	218	0.5	0.5	0.5	0.5	0.5	0.5	7.8
TP05	**0.15**	3	0.7	3.1	75.7	1.5	2	1	2	27	87	365	0.5	0.5	0.5	0.5	0.5	0.5	7.4
TP05	**0.5**	1.9	0.5	1.8	56.1														7.6
TP05	**1**	1.2	0.3	1.3	27.1	1.5	2	1	2	24	76	337	0.5	0.5	0.5	0.5	0.5	0.5	7.9
TP06	**0.4**	2.5	0.6	2.6	40.7														7.5
TP06	**1.7**	0.1	0.1	0.2	1.3														7.8
TP06	**2.3**	0.1	0.1	0.1	0.3														7.9
BH01	**0.5**	0.1	0.1	0.1	1.9														7.9
BH01	**1.75**	0.1	0.1	0.1	0.5														8.1
BH01	**2.5**	0.1	0.1	0.2	1														7.7
CPT1	**1**	1	0.3	1.1	28.7														7.6
CPT2	**0.55**	0.2	0.1	0.4	5.4														7.5
CPT3	**0.5**	2.4	0.6	2.4	40.4														8.1
BH2	**0.6**	0.7	0.2	0.8	18.5														7.6
BH2	**0.9**	1.1	0.3	1.2	30														7.9
BH2	**1.4**	3.5	0.9	3.3	94.1														7.9
BH3	**1**	11	2.5	11.6	215														7.3
BH3	**2**	0.1	0.1	0.1	1.2														7.9
TP07	**0.2**	0.2	0.1	0.2	3.2	1.5	2	1	2	20	28	402	0.5	0.5	0.5	0.5	0.5	0.5	6.1
TP07	**0.5**	0.1	0.1	0.1	0.3														7.2
TP08	**0.1**	0.5	0.1	0.6	9														6.3
TP08	**1.2**	0.1	0.1	0.1	0.7	1.5	2	1	2	20	20	64	0.5	0.5	0.5	0.5	0.5	0.5	8
TP08	**4**	0.1	0.1	0.1	0.8														9.1
TP09	**0.4**	0.1	0.1	0.1	0.2														6.5
TP09	**2**	0.1	0.1	0.1	0.7	1.5	2	1	2	20	20	66	0.5	0.5	0.5	0.5	0.5	0.5	8.1
TP10	**0.2**	1	0.2	1	20.3														6.3
TP10	**1.5**	0.1	0.1	0.1	0.7														7.4
TP11	**0.1**	0.3	0.1	0.3	7	1.5	2	1	2	20	20	168	0.5	0.5	0.5	0.5	0.5	0.5	6.2
TP11	**1.5**	0.1	0.1	0.1	0.5														8.1
TP15	**0.3**	1.8	0.4	1.8	29.4														8.1
TP15	**2**	0.1	0.1	0.1	0.2														6
TP16	**0.1**	1.8	0.4	1.8	33.7	1.8	2.4	1.2	2.4	23	88	933	0.6	0.6	0.6	0.6	0.6	0.6	6
TP16	**0.6**	0.1	0.1	0.1	0.3														7.3
TP18	**0.9**	0.1	0.1	0.1	0.1	1.5	2	1	2	20	20	20	0.5	0.5	0.5	0.5	0.5	0.5	6.9
TP18	**1.5**	0.1	0.1	0.1	0.1														7.2
BH9	**0.3**	0.1	0.1	0.1	0.1														6.7
BH9	**1**	0.1	0.1	0.1	0.3														7
TP17	**0.4**	0.7	0.2	0.7	8.7	1.5	2	1	2	20	40	530	0.5	0.5	0.5	0.5	0.5	0.5	6.1
TP17	**2**	0.1	0.1	0.2	0.8														7.7
TP19	**0.2**	3.2	0.7	3.1	66.1														6
TP19	**1.5**	0.1	0.1	0.1	0.1														7.4
TP20	**0.5**	1.3	0.1	1.2	18.5	1.5	2	1	2	20	37	324	0.5	0.5	0.5	0.5	0.5	0.5	8.2
TP20	**2.2**	0.2	0.1	0.3	4.8														7.5
TP12	**1**	0.1	0.1	0.1	0.2	1.8	2.4	1.2	2.4	20	20	44	0.6	0.6	0.6	0.6	0.6	0.6	7.4
TP12	**3**	0.1	0.1	0.1	0.6														9.1
TP13	**0.7**	0.1	0.1	0.1	0.2														7.2
TP14	**0.1**	0.6	0.1	0.7	12.9	1.5	2	1	2	20	40	250	0.5	0.5	0.5	0.5	0.5	0.5	7.2
TP14	**2**	0.1	0.1	0.1	0.6														8.3
TP18	**0.3**	0.1	0.1	0.1	0.2														8

Guidance Value - G	**290**	**29**			**160**	**62**	**100**	**530**	**1000**	**1000**	**1000**		**0.9**	**150**	**48000**	**149**	**149**	
Guidance Value - Type	SNIFFER	SNIFFER			SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER		SNIFFER	SGV	SGV	SNIFFER	SNIFFER	
No of exceedences of G	0	0			0	0	0	0	0	0	1		0	0	0	0	0	
Minimum Value	0.1	0.1	0.1	0.1	1.5	2	1	2	20	20	20	0.5	0.5	0.5	0.5	0.5	0.5	6
Maximum Value	11	2.5	11.6	215	1.8	2.4	1.2	2.4	29	96	2130	0.6	0.6	0.6	0.6	0.6	0.6	9.1
2nd Highest	3.5	0.9	3.7	94.1	1.8	2.4	1.2	2.4	27	88	933	0.6	0.6	0.6	0.6	0.6	0.6	9.1
Mean Value Test																		
Number of samples	62	62			20	20	20	20	20	20	20		20	20	20	20	20	
Arithemetic sample mean, x*	0.89	0.25			1.53	2.04	1.02	2.04	21.15	46.45	411.80		0.51	0.51	0.51	0.51	0.51	
Unbiased sample deviation, s	1.59	0.35			0.09	0.12	0.06	0.12	2.60	24.68	456.66		0.03	0.03	0.03	0.03	0.03	
t value	1.67	1.67			1.725	1.725	1.725	1.725	1.725	1.725	1.725		1.725	1.725	1.725	1.725	1.725	
Upper Bound (95th % ile)	1	0				2	1	2	22	56	588		1	1	1	1	1	
Upper Bound > G ??	**Pass**	**Pass**			**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - Made Ground

Sample Reference	Depth	As mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Log of Pb	Hg mg/kg	Se mg/kg	Ni mg/kg	Cr (VI) mg/kg	Total Cyanide mg/kg	Naphthalene mg/kg	Acenaphthylene mg/kg	Acenaphthene mg/kg	Fluorene mg/kg	Phenanthrene mg/kg	Anthracene mg/kg	Fluoranthene mg/kg	Pyrene mg/kg	Benz(a)anthracene mg/kg	Chrysene mg/kg	Benzo(b)fluoranthene mg/kg	Benz(k)fluoranthene mg/kg	Benz(a)pyrene mg/kg
BH04	**0.35**	7	0.3	38	4	0.60	0.3	0.3	38	5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.3	0.2	0.1	0.2
BH04	**1**	15	0.3	32	250	2.40	0.1	0.8	39	5	0.5	0.2	0.1	0.1	0.1	1.3	0.3	1.8	1.6	0.8	1	0.8	0.7	0.9
CPT3	**0.5**	9	0.3	36	120	2.08	0.3	0.6	53	5	0.5	1	0.2	0.4	0.4	3.2	1.1	6.5	5.9	3.1	3.4	3.1	3	3.7
BH3	**1**	26	0.4	37	531	2.73	0.8	1.2	70	5	0.5	2.1	0.1	3.5	2.6	25.2	6.9	37.4	33.8	16	17.8	14.4	13.1	17.1
TP20	**0.5**	14	0.3	39	120	2.08	0.1	0.4	38			0.1	0.1	0.2	0.1	1.6	0.5	3.1	2.8	1.5	1.6	1.4	1.3	1.7
Guidance Value - G		**500**	**1400**	**5000**	**750**	**2.88**	**480**	**8000**	**5000**	**5000**	**39**	**35**		**64000**	**52000**		**430000**	**59000**	**44000**	**290**	**2900**	**290**	**290**	**29**
Guidance Value - Type		sgv	sgv	sgv	sgv		sgv	sgv	sgv	sgv	SNIFFER	SNIFFER		SNIFFER	SNIFFER		SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER
No of exceedences of G		0	0	0		0	0	0	0	0	0	0		0	0		0	0	0	0	0	0	0	0
Minimum Value		7	0.3	32	4	0.60	0.1	0.3	38	5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.3	0.2	0.1	0.2
Maximum Value		26	0.4	39	531	2.73	0.8	1.2	70	5	0.5	2.1	0.2	3.5	2.6	25.2	6.9	37.4	33.8	16	17.8	14.4	13.1	17.1
2nd Highest		15	0.3	38	250	2.40	0.3	0.8	53	5	0.5	1	0.1	0.4	0.4	3.2	1.1	6.5	5.9	3.1	3.4	3.1	3	3.7
Mean Value Test																								
Number of samples		5	5	5		5.00	5	5	5	4	4	5		5	5		5	5	5	5	5	5	5	5
Arithemetic sample mean, x*		14.20	0.32	36.40		1.98	0.32	0.66	47.60	5.00	0.50	0.70		0.86	0.66		1.78	9.80	8.86	4.30	4.82	3.98	3.64	4.72
Unbiased sample deviation, s		7.40	0.04	2.70		0.81	0.29	0.36	14.05	0.00	0.00	0.87		1.48	1.09		2.89	15.60	14.10	6.63	7.35	5.92	5.40	7.04
t value		2.015	2.015	2.015		2.02	2.015	2.015	2.015	2.132	2.132	2.015		2.015	2.015		2.015	2.015	2.015	2.015	2.015	2.015	2.015	2.015
Upper Bound (95th % ile)		21	0	39		2.71	1	1	60	5	1	1		2	2		4	24	22	10	11	9	9	11
Upper Bound > G ??		**Pass**	**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - Made Ground

Sample Reference	Depth	Indeno(1,2,3-cd)pyrene mg/kg	Dibenz(a,h)anthracene mg/kg	Benzo(ghi)perylene mg/kg	Total PAH's mg/kg	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40	MTBE	Benzene	Toluene	Ethyl Benzene	m,p-Xylene	o-Xylene	pH pH Units
BH04	**0.35**	0.2	0.1	0.2	1.8	1.5	2	1	2	20	53	2130	0.5	0.5	0.5	0.5	0.5	0.5	8.3
BH04	**1**	0.6	0.2	0.7	11.1	1.5	2	1	2	20	42	282	0.5	0.5	0.5	0.5	0.5	0.5	6.8
CPT3	**0.5**	2.4	0.6	2.4	40.4														8.1
BH3	**1**	11	2.5	11.6	215														7.3
TP20	**0.5**	1.3	0.1	1.2	18.5	1.5	2	1	2	20	37	324	0.5	0.5	0.5	0.5	0.5	0.5	8.2
Guidance Value - G		**290**	**29**			**160**	**62**	**100**	**530**	**2400**	**6890**	**10650**		**0.9**	**150**	**48000**	**149**	**149**	
Guidance Value - Type		SNIFFER	SNIFFER			SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER		SNIFFER	SGV	SGV	SNIFFER	SNIFFER	
No of exceedences of G		0	0			0	0	0	0	0	0	0		0	0	0	0	0	
Minimum Value		0.2	0.1	0.2	1.8	1.5	2	1	2	20	37	282	0.5	0.5	0.5	0.5	0.5	0.5	6.8
Maximum Value		11	2.5	11.6	215	1.5	2	1	2	20	53	2130	0.5	0.5	0.5	0.5	0.5	0.5	8.3
2nd Highest		2.4	0.6	2.4	40.4	1.5	2	1	2	20	42	324	0.5	0.5	0.5	0.5	0.5	0.5	8.2
Mean Value Test																			
Number of samples		5	5			3	3	3	3	3	3	3	3	3	3	3	3	3	5
Arithemetic sample mean, x*		3.10	0.70			1.50	2.00	1.00	2.00	20.00	44.00	912.00	0.50	0.50	0.50	0.50	0.50	0.50	
Unbiased sample deviation, s		4.49	1.03			0.00	0.00	0.00	0.00	0.00	8.19	1055.03	0.00	0.00	0.00	0.00	0.00	0.00	
t value		2.015	2.015			2.353	2.353	2.353	2.353	2.353	2.353	2.353	2.353	2.353	2.353	2.353	2.353	2.353	
Upper Bound (95th % ile)		7	2			2	2	1	2	20	55	2345	1	1	1	1	1	1	
Upper Bound > G ??		**Pass**	**Pass**			**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Fail**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - Capping

Sample Reference	Depth	As mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Log of Pb	Hg mg/kg	Se mg/kg	Ni mg/kg	Cr (VI) mg/kg	Total Cyanide mg/kg	Naphthalene mg/kg	Acenaphthylene mg/kg	Acenaphthene mg/kg	Fluorene mg/kg	Phenanthrene mg/kg	Anthracene mg/kg	Fluoranthene mg/kg	Pyrene mg/kg	Benz(a)anthracene mg/kg	Chrysene mg/kg	Benzo(b)fluoranthene mg/kg	Benz(k)fluoranthene mg/kg	Benz(a)pyrene mg/kg
TP01	**0.1**	9	0.3	40	316	2.50	0.1	0.7	38	5	0.5	0.2	0.1	0.2	0.2	1.6	0.4	2.6	2.4	1.2	1.4	1.2	1.2	1.4
TP02	**0.5**	7	0.3	33	34	1.53	0.1	0.4	36	5	0.5	0.5	0.1	0.3	0.2	1.2	0.3	1.2	1	0.5	0.6	0.4	0.4	0.4
TP03	**0.3**	8	0.3	49	46	1.66	0.2	0.4	45	5	0.5	0.1	0.1	0.1	0.1	0.8	0.2	1.2	1.1	0.6	0.6	0.6	0.5	0.6
TP04	**0.2**	9	0.3	35	91	1.96	0.2	0.6	38	5	0.5	0.5	0.1	0.4	0.4	3.2	0.9	4.7	3.9	2.1	2.3	1.8	1.9	2.2
TP05	**0.15**	10	0.3	65	110	2.04	0.2	0.8	50	5	0.5	4	0.1	2.2	1.7	12	3.3	12.8	10.3	4.9	5.1	3.9	3.9	4.8
TP05	**0.5**	11	0.3	45	84	1.92	0.1	0.6	37	5	0.5	0.9	0.1	1.4	1.5	9.9	3.9	10.4	7.5	3.8	3.7	2.6	2.9	3.3
Guidance Value - G	**500**	**1400**	**5000**	**750**	**2.88**	**480**	**8000**	**5000**	**500**	**39**	**35**		**64000**	**52000**		**430000**	**59000**	**44000**	**290**	**2900**	**290**	**290**	**29**
Guidance Value - Type	sgv	sgv	sgv	sgv		sgv	sgv	sgv	sgv	SNIFFER	SNIFFER		SNIFFER	SNIFFER		SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER
No of exceedences of G	0	0	0		0	0	0	0	0	0	0		0	0		0	0	0	0	0	0	0	0
Minimum Value	7	0.3	33	34	1.53	0.1	0.4	36	5	0.5	0.1	0.1	0.1	0.1	0.8	0.2	1.2	1	0.5	0.6	0.4	0.4	0.4
Maximum Value	11	0.3	65	316	2.50	0.2	0.8	50	5	0.5	4	0.1	2.2	1.7	12	3.9	12.8	10.3	4.9	5.1	3.9	3.9	4.8
2nd Highest	10	0.3	49	110	2.04	0.2	0.7	45	5	0.5	0.9	0.1	1.4	1.5	9.9	3.3	10.4	7.5	3.8	3.7	2.6	2.9	3.3
Mean Value Test																								
Number of samples	6	6	6		6.00	6	6	6	6	6	6		6	6		6	6	6	6	6	6	6	6
Arithemetic sample mean, x*	9.00	0.30	40.00		1.94	0.15	0.58	40.67	5.00	0.50	1.03		0.77	0.68		1.50	5.48	4.37	2.18	2.28	1.75	1.80	2.12
Unbiased sample deviation, s	1.41	0.00	11.69		0.34	0.05	0.16	5.57	0.00	0.00	1.48		0.85	0.72		1.66	4.97	3.77	1.81	1.81	1.33	1.39	1.70
t value	1.94	1.94	1.94		1.94	1.94	1.94	1.94	1.94	1.94	1.94		1.94	1.94		1.94	1.94	1.94	1.94	1.94	1.94	1.94	1.94
Upper Bound (95th % ile)	10	0	49		2.20	0	1	45	5	1	2		1	1		3	9	7	4	4	3	3	3
Upper Bound > G ??	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - Capping

Sample Reference	Depth	Indeno(1,2,3-cd)pyrene mg/kg	Dibenz(a,h)anthracene mg/kg	Benzo(ghi)perylene mg/kg	Total PAH's mg/kg	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40	MTBE	Benzene	Toluene	Ethyl Benzene	m,p-Xylene	o-Xylene	pH pH Units
TP01	**0.1**	0.9	0.2	1.1	16.2														7.6
TP02	**0.5**	0.3	0.1	0.3	7.6														7.7
TP03	**0.3**	0.4	0.1	0.5	7.3														7.5
TP04	**0.2**	1.4	0.4	1.4	27.5	1.5	2	1	2	20	46	334	0.5	0.5	0.5	0.5	0.5	0.5	7.6
TP05	**0.15**	3	0.7	3.1	75.7	1.5	2	1	2	27	87	365	0.5	0.5	0.5	0.5	0.5	0.5	7.4
TP05	**0.5**	1.9	0.5	1.8	56.1														7.6
Guidance Value - G	**290**	**29**				**160**	**62**	**100**	**530**	**1000**	**1000**	**1000**		**0.9**	**150**	**48000**	**149**	**149**	
Guidance Value - Type	SNIFFER	SNIFFER				SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER		SNIFFER	SGV	SGV	SNIFFER	SNIFFER	
No of exceedences of G	0	0				0	0	0	0	0	0	0		0	0	0	0	0	
Minimum Value	0.3	0.1	0.3	7.3	1.5	2	1	2	20	46	334	0.5	0.5	0.5	0.5	0.5	0.5	7.4	
Maximum Value	3	0.7	3.1	75.7	1.5	2	1	2	27	87	365	0.5	0.5	0.5	0.5	0.5	0.5	7.7	
2nd Highest	1.9	0.5	1.8	56.1	1.5	2	1	2	20	46	334	0.5	0.5	0.5	0.5	0.5	0.5	7.6	
Mean Value Test																			
Number of samples	6	6			2	2	2	2	2	2	2		2	2	2	2	2	6	
Arithemetic sample mean, x*	1.32	0.33																	
Unbiased sample deviation, s	1.02	0.24																	
t value	1.94	1.94			2.92	2.92	2.92	2.92	2.92	2.92	2.92		2.92	2.92	2.92	2.92	2.92	1.94	
Upper Bound (95th % ile)	2	1																	
Upper Bound > G ??	**Pass**	**Pass**																	

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - Natural

Sample Reference	Depth	As mg/kg	Cd mg/kg	Cr mg/kg	Pb mg/kg	Log of Pb	Hg mg/kg	Se mg/kg	Ni mg/kg	Cr (VI) mg/kg	Total Cyanide mg/kg	Naphthalene mg/kg	Acenaphthylene mg/kg	Acenaphthene mg/kg	Fluorene mg/kg	Phenanthrene mg/kg	Anthracene mg/kg	Fluoranthene mg/kg	Pyrene mg/kg	Benz(a)anthracene mg/kg	Chrysene mg/kg	Benzo(b)fluoranthene mg/kg	Benz(k)fluoranthene mg/kg	Benz(a)pyrene mg/kg
BH04	**3**	10	0.3	47	9	0.95	1	0.3	40	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP02	**2.9**	8	0.3	38	63	1.80	0.1	0.4	39	5	0.5	1.2	0.1	1.9	1.6	10.5	2.7	12.4	10.6	5	5.5	4.2	3.8	5.3
TP03	**1.2**	8	0.3	41	150	2.18	0.2	0.7	39	5	0.5	0.4	0.1	0.3	0.3	2.1	0.6	3	2.6	1.3	1.5	1.2	1.2	1.4
TP03	**2.3**	10	0.3	56	10	1.00	0.1	0.3	43	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP06	**1.7**	7	0.3	52	11	1.04	0.1	0.3	50	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
TP06	**2.3**	6	0.3	44	7	0.85	0.1	0.3	44	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BH01	**2.5**	6	0.3	50	10	1.00	0.1	0.4	47	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1
BH3	**2**	6	0.3	49	12	1.08	0.3	0.3	39	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.1
TP07	**0.2**	11	0.3	35	77	1.89	0.3	0.6	22			0.1	0.1	0.1	0.1	0.5	0.1	0.5	0.4	0.3	0.3	0.3	0.2	0.3
TP07	**0.5**	6	0.3	43	9	0.95	0.1	0.3	40			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP08	**0.1**	12	0.3	40	130	2.11	0.4	0.3	32			0.2	0.1	0.1	0.1	1.2	0.2	1.3	1.2	0.7	0.8	0.7	0.6	0.7
TP08	**1.2**	7	0.3	47	8	0.90	0.1	0.3	41			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP08	**4**	6	0.3	45	8	0.90	0.1	0.3	42			0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP09	**0.4**	4	0.3	48	9	0.95	0.1	0.3	38			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP09	**2**	4	0.3	44	8	0.90	0.1	0.3	41			0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP10	**0.2**	9	0.3	45	110	2.04	0.2	0.5	41			0.4	0.1	0.5	0.3	3	0.7	3.5	3	1.4	1.6	1.2	1.1	1.4
TP10	**1.5**	4	0.3	46	8	0.90	0.1	0.3	44			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP11	**0.1**	9	0.3	44	69	1.84	0.1	0.3	30			0.2	0.1	0.2	0.1	1.1	0.2	1.1	1	0.5	0.6	0.5	0.4	0.5
TP11	**1.5**	5	0.3	69	8	0.90	0.1	0.3	78			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP15	**0.3**	25	0.9	22	250	2.40	1	0.8	44			0.5	0.2	0.4	0.4	3.4	0.9	4.6	4.2	2.2	2.4	2	1.8	2.4
TP15	**2**	2	0.3	34	6	0.78	0.1	0.3	30			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP16	**0.1**	28	0.5	29	250	2.40	0.5	1.3	40			0.5	0.1	0.7	0.5	4.4	1.1	5.6	4.9	2.5	2.8	2.2	2	2.5
TP16	**0.6**	3	0.3	38	9	0.95	0.1	0.3	33			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP18	**0.9**	1	0.3	18	6	0.78	0.2	0.3	24			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP18	**1.5**	1	0.3	18	3	0.48	0.1	0.3	14			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BH9	**0.3**	4	0.3	40	11	1.04	0.1	0.3	22			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
BH9	**1**	5	0.3	43	8	0.90	0.1	0.3	39			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP17	**0.4**	45	0.8	40	280	2.45	1.1	1.4	59			0.2	0.1	0.1	0.1	0.8	0.2	1.1	1	0.7	0.8	0.8	0.7	0.8
TP17	**2**	8	0.3	51	8	0.90	0.1	0.3	50			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP19	**0.2**	24	0.7	30	343	2.54	1.1	0.7	54			1.2	0.1	1.7	1.2	9.8	2.4	11.3	9.5	4.7	5.1	4	3.5	4.6
TP19	**1.5**	1	0.3	28	6	0.78	0.1	0.3	23			0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP20	**2.2**	9	0.3	47	33	1.52	0.1	0.3	45			0.1	0.1	0.1	0.1	0.8	0.2	0.8	0.7	0.3	0.4	0.3	0.3	0.3
TP12	**1**	4	0.3	45	9	0.95	1.1	0.3	41	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP12	**3**	6	0.3	44	8	0.90	0.1	0.3	42	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP13	**0.7**	3	0.3	51	10	1.00	0.1	0.3	43	5	0.5	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP14	**0.1**	14	0.3	42	150	2.18	0.3	0.6	51	5	0.5	0.2	0.1	0.3	0.2	1.9	0.4	2.2	1.8	1	1.1	0.9	0.7	0.9
TP14	**2**	6	0.3	43	8	0.90	0.1	0.3	41	5	0.5	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TP18	**0.3**	5	0.3	38	6	0.78	0.1	0.3	35			0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Guidance Value - G	**500**	**1400**	**5000**	**750**	**2.88**	**480**	**8000**	**5000**	**5000**	**39**	**35**		**64000**	**52000**		**430000**	**59000**	**44000**	**290**	**2900**	**290**	**290**	**29**
Guidance Value - Type	sgv	sgv	sgv	sgv		sgv	sgv	sgv	sgv	SNIFFER	SNIFFER		SNIFFER	SNIFFER		SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER
No of exceedences of G	0	0	0		0	0	0	0	0	0	0		0	0		0	0	0	0	0	0	0	0
Minimum Value	1	0.3	18	3	0.48	0.1	0.3	14	5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Maximum Value	45	0.9	69	343	2.54	1.1	1.4	78	5	0.5	1.2	0.2	1.9	1.6	10.5	2.7	12.4	10.6	5	5.5	4.2	3.8	5.3
2nd Highest	28	0.8	56	280	2.45	1.1	1.3	59	5	0.5	1.2	0.1	1.7	1.2	9.8	2.4	11.3	9.5	4.7	5.1	4	3.5	4.6
Mean Value Test																							
Number of samples	38	38	38		38.00	38	38	38	13	13	38		38	38		38	38	38	38	38	38	38	38
Arithemetic sample mean, x*	8.74	0.34	41.68		1.28	0.27	0.42	40.00	5.00	0.50	0.21		0.24	0.20		0.32	1.32	1.15	0.61	0.67	0.55	0.50	0.62
Unbiased sample deviation, s	8.60	0.14	10.01		0.60	0.33	0.26	11.26	0.00	0.00	0.26		0.40	0.30		0.58	2.84	2.42	1.17	1.28	0.99	0.89	1.20
t value	1.684	1.684	1.684		1.68	1.684	1.684	1.684	1.771	1.771	1.698		1.698	1.698		1.698	1.698	1.698	1.698	1.698	1.698	1.698	1.698
Upper Bound (95th % ile)	11	0	44		1.45	0	0	43	5	1	0		0	0		0	2	2	1	1	1	1	1
Upper Bound > G ??	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

* Geometric mean used for lead

A0567-00-R2-1 M8 Junction, Site Investigation - Natural

Sample Reference	Depth	Indeno(1,2,3-cd)pyrene mg/kg	Dibenz(a,h)anthracene mg/kg	Benzo(ghi)perylene mg/kg	Total PAH's mg/kg	C5-C6	>C6-C8	>C8-C10	>C10-C12	>C12-C16	>C16-C21	>C21-C40	MTBE	Benzene	Toluene	Ethyl Benzene	m,p-Xylene	o-Xylene	pH pH Units
BH04	**3**	0.1	0.1	0.1	0.8														7.3
TP02	**2.9**	3.3	0.8	3.7	72.5	1.5	2	1	2	29	96	346	0.5	0.5	0.5	0.5	0.5	0.5	8
TP03	**1.2**	0.9	0.2	1	18														7.8
TP03	**2.3**	0.1	0.1	0.1	0.8														7.6
TP06	**1.7**	0.1	0.1	0.2	1.3														7.8
TP06	**2.3**	0.1	0.1	0.1	0.3														7.9
BH01	**2.5**	0.1	0.1	0.2	1														7.7
BH3	**2**	0.1	0.1	0.1	1.2														7.9
TP07	**0.2**	0.2	0.1	0.2	3.2	1.5	2	1	2	20	28	402	0.5	0.5	0.5	0.5	0.5	0.5	6.1
TP07	**0.5**	0.1	0.1	0.1	0.3														7.2
TP08	**0.1**	0.5	0.1	0.6	9														6.3
TP08	**1.2**	0.1	0.1	0.1	0.7	1.5	2	1	2	20	20	64	0.5	0.5	0.5	0.5	0.5	0.5	8
TP08	**4**	0.1	0.1	0.1	0.8														9.1
TP09	**0.4**	0.1	0.1	0.1	0.2														6.5
TP09	**2**	0.1	0.1	0.1	0.7	1.5	2	1	2	20	20	66	0.5	0.5	0.5	0.5	0.5	0.5	8.1
TP10	**0.2**	1	0.2	1	20.3														6.3
TP10	**1.5**	0.1	0.1	0.1	0.7														7.4
TP11	**0.1**	0.3	0.1	0.3	7	1.5	2	1	2	20	20	168	0.5	0.5	0.5	0.5	0.5	0.5	6.2
TP11	**1.5**	0.1	0.1	0.1	0.5														8.1
TP15	**0.3**	1.8	0.4	1.8	29.4														8.1
TP15	**2**	0.1	0.1	0.1	0.2														6
TP16	**0.1**	1.8	0.4	1.8	33.7	1.8	2.4	1.2	2.4	23	88	933	0.6	0.6	0.6	0.6	0.6	0.6	6
TP16	**0.6**	0.1	0.1	0.1	0.3														7.3
TP18	**0.9**	0.1	0.1	0.1	0.1	1.5	2	1	2	20	20	20	0.5	0.5	0.5	0.5	0.5	0.5	6.9
TP18	**1.5**	0.1	0.1	0.1	0.1														7.2
BH9	**0.3**	0.1	0.1	0.1	0.1														6.7
BH9	**1**	0.1	0.1	0.1	0.3														7
TP17	**0.4**	0.7	0.2	0.7	8.7	1.5	2	1	2	20	40	530	0.5	0.5	0.5	0.5	0.5	0.5	6.1
TP17	**2**	0.1	0.1	0.2	0.8														7.7
TP19	**0.2**	3.2	0.7	3.1	66.1														6
TP19	**1.5**	0.1	0.1	0.1	0.1														7.4
TP20	**2.2**	0.2	0.1	0.3	4.8														7.5
TP12	**1**	0.1	0.1	0.1	0.2	1.8	2.4	1.2	2.4	20	20	44	0.6	0.6	0.6	0.6	0.6	0.6	7.4
TP12	**3**	0.1	0.1	0.1	0.6														9.1
TP13	**0.7**	0.1	0.1	0.1	0.2														7.2
TP14	**0.1**	0.6	0.1	0.7	12.9	1.5	2	1	2	20	40	250	0.5	0.5	0.5	0.5	0.5	0.5	7.2
TP14	**2**	0.1	0.1	0.1	0.6														8.3
TP18	**0.3**	0.1	0.1	0.1	0.2														8
Guidance Value - G	**290**	**29**			**160**	**62**	**100**	**530**	**2400**	**6890**	**10650**		**0.9**	**150**	**48000**	**149**	**149**		
Guidance Value - Type	SNIFFER	SNIFFER			SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER	SNIFFER		SNIFFER	SGV	SGV	SNIFFER	SNIFFER		
No of exceedences of G	0	0			0	0	0	0	0	0	0		0	0	0	0	0		
Minimum Value	0.1	0.1	0.1	0.1	1.5	2	1	2	20	20	20	0.5	0.5	0.5	0.5	0.5	0.5	6	
Maximum Value	3.3	0.8	3.7	72.5	1.8	2.4	1.2	2.4	29	96	933	0.6	0.6	0.6	0.6	0.6	0.6	9.1	
2nd Highest	3.2	0.7	3.1	66.1	1.8	2.4	1.2	2.4	23	88	530	0.6	0.6	0.6	0.6	0.6	0.6	9.1	
Mean Value Test																			
Number of samples	38	38			10	10	10	10	10	10	10		10	10	10	10	10		
Arithemetic sample mean, x*	0.45	0.16			1.56	2.08	1.04	2.08	21.20	39.20	282.30		0.52	0.52	0.52	0.52	0.52		
Unbiased sample deviation, s	0.79	0.16			0.13	0.17	0.08	0.17	2.90	29.02	286.22		0.04	0.04	0.04	0.04	0.04		
t value	1.698	1.698			1.812	1.812	1.812	1.812	1.812	1.812	1.812		1.812	1.812	1.812	1.812	1.812		
Upper Bound (95th % ile)	1	0			2	2	1	2	23	56	446		1	1	1	1	1		
Upper Bound > G ??	**Pass**	**Pass**			**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**		**Pass**	**Pass**	**Pass**	**Pass**	**Pass**		

* Geometric mean used for lead