

TABLE 1: PID and ANALYTICAL RESULTS FOR STOCKPILE 1 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP1-A	289	712	<200	-	-	-	-	-	cell (5 aliquots)
SP1-B	200	904	<200	-	-	-	-	-	cell (5 aliquots)
SP1-C	350	1630	273	-	-	-	-	-	cell (5 aliquots)
SP1-Dup	-	415	<200	-	-	-	-	-	duplicate of SP1-C
SP1-D	320	827	<200	-	-	-	-	-	cell (5 aliquots)
SP1-E	260	1180	<200	-	-	-	-	-	cell (5 aliquots)
SP1-COMP	-	4050	923	-	-	-	-	-	stockpile (250m ³)

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP1-C	SP1-D	Mean (X)	SP1-Comp	Calc Value	Standard	Comments
SP-1 (LEPH)	1630	827	1228.5	4050	6872	2000	Calculated value > Standard
SP-1 (HEPH)	273	200	236.5	923	1609.5	5000	Calculated value < Standard

Note: The composite value for LEPH was above the 2000 mg/kg standard. Therefore, all remaining cell samples were analysed. The results for all cell samples were below the applicable standard, therefore, the material was classified as below suspect class (between residential and industrial class)

TABLE 2: PID and ANALYTICAL RESULTS FOR STOCKPILE 2 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP2-A	595	-	-	-	-	-	-	-	cell (5 aliquots)
SP2-B	89	-	-	-	-	-	-	-	cell (5 aliquots)
SP2-C	133	409	<200	-	-	-	-	-	cell (5 aliquots)
SP2-D	140	-	-	-	-	-	-	-	cell (5 aliquots)
SP2-E	330	440	<200	-	-	-	-	-	cell (5 aliquots)
SP2-COMP	-	840	<200	<.04	<.05	<.05	<.05	<100	stockpile (250m ³)

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP2-C	SP2-E	Mean (X)	SP2-Comp	Calc Value	Standard	Comments
SP-2 (LEPH)	409	440	424.5	840	1256	2000	Calculated value < Standard
SP-2 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 3: PID and ANALYTICAL RESULTS FOR STOCKPILE 3 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP3-A	400	782	<200	-	-	-	-	-	cell (5 aliquots)
SP3-B	120	-	-	-	-	-	-	-	cell (5 aliquots)
SP3-C	94	-	-	-	-	-	-	-	cell (5 aliquots)
SP3-D	130	-	-	-	-	-	-	-	cell (5 aliquots)
SP3-E	130	842	<200	-	-	-	-	-	cell (5 aliquots)
SP3-COMP	-	518	<200	-	-	-	-	-	-

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP3-A	SP3-E	Mean (X)	SP3-Comp	Calc Value	Standard	Comments
SP-3 (LEPH)	782	842	812	518	812	2000	Calculated value < Standard
SP-3 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 4: PID and ANALYTICAL RESULTS FOR STOCKPILE 4 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP4-A	260	1220	<200	-	-	-	-	-	cell (5 aliquots)
SP4-B	300	542	<200	-	-	-	-	-	cell (5 aliquots)
SP4-C	250	-	-	-	-	-	-	-	cell (5 aliquots)
SP4-D	190	-	-	-	-	-	-	-	cell (5 aliquots)
SP4-E	140	-	-	-	-	-	-	-	cell (5 aliquots)
SP4-COMP	-	889	<200	-	-	-	-	-	stockpile (250m ³)

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP4-A	SP4-B	Mean (X)	SP4-Comp	Calc Value	Standard	Comments
SP-4 (LEPH)	1220	542	881	889	897	2000	Calculated value < Standard
SP-4 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 5: PID and ANALYTICAL RESULTS FOR STOCKPILE 5 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta- & para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP5-A	235			-	-	-	-	-	cell (5 aliquots)
SP5-B	260	816	<200	-	-	-	-	-	cell (5 aliquots)
SP5-C	210	-	-	-	-	-	-	-	cell (5 aliquots)
SP5-D	120	-	-	-	-	-	-	-	cell (5 aliquots)
SP5-E	400	1690	277	-	-	-	-	-	cell (5 aliquots)
SP5-COMP	-	1320	202	-	-	-	-	-	stockpile (250m ³)

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP5-B	SP5-E	Mean (X)	SP5-Comp	Calc Value	Standard	Comments
SP-5 (LEPH)	816	1690	1253	1320	1387	2000	Calculated value < Standard
SP-5 (HEPH)	200	277	238.5	202	238.5	5000	Calculated value < Standard

TABLE 6: PID and ANALYTICAL RESULTS FOR STOCKPILE 6 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta- & para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP6-A	220	-	-	-	-	-	-	-	cell (5 aliquots)
SP6-B	240	1250	<200	-	-	-	-	-	cell (5 aliquots)
SP6-DUP	-	1020	211	-	-	-	-	-	duplicate of SP6-B
SP6-C	260	338	<200	-	-	-	-	-	cell (5 aliquots)
SP6-D	240	-	-	-	-	-	-	-	cell (5 aliquots)
SP6-E	220	-	-	-	-	-	-	-	cell (5 aliquots)
SP6-COMP	-	747	<200	-	-	-	-	-	stockpile (250m ³)

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP6-B	SP6-C	Mean (X)	SP6-Comp	Calc Value	Standard	Comments
SP-6 (LEPH)	1250	338	794	747	794	2000	Calculated value < Standard
SP-6 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 7: PID and ANALYTICAL RESULTS FOR STOCKPILE 7 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta- & para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP7-A	92	-	-	-	-	-	-	-	cell (5 aliquots)
SP7-B	120	-	-	-	-	-	-	-	cell (5 aliquots)
SP7-C	180	677	<200	-	-	-	-	-	cell (5 aliquots)
SP7-D	170	664	<200	-	-	-	-	-	cell (5 aliquots)
SP7-E	60	-	-	-	-	-	-	-	cell (5 aliquots)
SP7-COMP	-	549	<200	<0.04	<0.05	<0.05	<0.05	<100	stockpile (250m ³)

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP7-C	SP7-D	Mean (X)	SP7-Comp	Calc Value	Standard	Comments
SP-7 (LEPH)	677	664	670.5	549	671	2000	Calculated value < Standard
SP-7 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 8: PID and ANALYTICAL RESULTS FOR STOCKPILE 8 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta- & para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP8-A	130	335	<200	-	-	-	-	-	cell (5 aliquots)
SP8-B	340	582	<200	-	-	-	-	-	cell (5 aliquots)
SP8-C	80	-	-	-	-	-	-	-	cell (5 aliquots)
SP8-D	100	-	-	-	-	-	-	-	cell (5 aliquots)
SP8-E	110	-	-	-	-	-	-	-	cell (5 aliquots)
SP8-COMP	-	<200	<200	-	-	-	-	-	stockpile (250m ³)

Calculated Value Based on BCE Confirmation Testing Guidelines

Stockpile	SP8-A	SP8-B	Mean (X)	SP8-Comp	Calc Value	Standard	Comments
SP-8 (LEPH)	335	582	458.5	200	459	2000	Calculated value < Standard
SP-8 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 9: PID and ANALYTICAL RESULTS FOR STOCKPILE 9 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP9-A	70	-	-	-	-	-	-	-	cell (5 aliquots)
SP9-B	80	428	<200	-	-	-	-	-	cell (5 aliquots)
SP9-C	50	-	-	-	-	-	-	-	cell (5 aliquots)
SP9-D	75	-	-	-	-	-	-	-	cell (5 aliquots)
SP9-E	90	265	<200	-	-	-	-	-	cell (5 aliquots)
SP9-COMP	-	305	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP9-B	SP9-E	Mean (X)	SP9-Comp	Calc Value	Standard	Comments		
SP-9 (LEPH)	428	265	346.5	305	347	2000	Calculated value < Standard		
SP-9 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 10: PID and ANALYTICAL RESULTS FOR STOCKPILE 18 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP18-A	160	-	-	-	-	-	-	-	cell (5 aliquots)
SP18-B	240	1350	255	-	-	-	-	-	cell (5 aliquots)
SP18-D	270	1030	<200	-	-	-	-	-	cell (5 aliquots)
SP18-E	130	-	-	-	-	-	-	-	cell (5 aliquots)
SP18-COMP	-	1200	227	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP18-B	SP18-D	Mean (X)	SP18-Comp	Calc Value	Standard	Comments		
SP-18 (LEPH)	1350	1030	1190	1200	1210	2000	Calculated value < Standard		
SP-18 (HEPH)	255	200	227.5	227	227.5	5000	Calculated value < Standard		

TABLE 11: PID and ANALYTICAL RESULTS FOR STOCKPILE 19 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP19-A	90	-	-	-	-	-	-	-	cell (5 aliquots)
SP19-B	130	790	<200	-	-	-	-	-	cell (5 aliquots)
SP19-C	100	648	<200	-	-	-	-	-	cell (5 aliquots)
SP19-E	80	-	-	-	-	-	-	-	cell (5 aliquots)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP19-B	SP19-C	Mean (X)	SP19-Comp	Calc Value	Standard	Comments		
SP-19 (LEPH)	790	648	719	545	719	2000	Calculated value < Standard		
SP-19 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 12: PID and ANALYTICAL RESULTS FOR STOCKPILE 20 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP20-A	95	346	<200	-	-	-	-	-	cell (5 aliquots)
SP20-B	85	1100	219	-	-	-	-	-	cell (5 aliquots)
SP20-C	125	530	-	-	-	-	-	-	cell (5 aliquots)
SP20-D	200	3390	-	-	-	-	-	-	cell (5 aliquots)
SP20-E	110	292	<200	-	-	-	-	-	cell (5 aliquots)
SP20-COMP	-	2670	-	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP20-C	SP20-D	Mean (X)	SP20-Comp	Calc Value	Standard	Comments		
SP-20(LEPH)	530	3390	1960	2670	3380	2000	Calculated value > Standard		
SP-20 (HEPH)	200	743	471.5	589	706.5	5000	Calculated value < Standard		

Note: Cell SP20D is in exceedance of CSR-IL; this material was removed from the stockpile and reprocessed in crusher

TABLE 13: PID and ANALYTICAL RESULTS FOR STOCKPILE 21 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP21-A	100	1040	<200	-	-	-	-	-	cell (5 aliquots)
SP21-B	210	921	<200	-	-	-	-	-	cell (5 aliquots)
SP21-C	70	-	-	-	-	-	-	-	cell (5 aliquots)
SP21-COMP	-	980	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP21-A	SP21-B	Mean (X)	SP21-Comp	Calc Value	Standard	Comments		
SP-21 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 14: PID and ANALYTICAL RESULTS FOR STOCKPILE 22 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP22-A	73	-	-	-	-	-	-	-	cell (5 aliquots)
SP22-B	66	-	-	-	-	-	-	-	cell (5 aliquots)
SP22-C	86	3120	293	-	-	-	-	-	cell (5 aliquots)
SP22-D	22	-	-	-	-	-	-	-	cell (5 aliquots)
SP22-E	170	848	<200	-	-	-	-	-	cell (5 aliquots)
SP22-COMP	-	690	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
SP-22(LEPH)	3120	848	1984	690	1984	2000	Calculated value < Standard		
SP-22 (HEPH)	293	200	246.5	200	246.5	5000	Calculated value < Standard		

TABLE 15: PID and ANALYTICAL RESULTS FOR STOCKPILE 23 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP23-A	23	-	-	-	-	-	-	-	cell (5 aliquots)
SP23-B	94	1760	<200	-	-	-	-	-	cell (5 aliquots)
SP23-C	62	-	-	-	-	-	-	-	cell (5 aliquots)
SP23-D	110	1750	<200	-	-	-	-	-	cell (5 aliquots)
SP23-E	65	-	-	-	-	-	-	-	cell (5 aliquots)
SP23-COMP	-	787	<200	<.04	<.05	<.05	<.05	<100	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP23-B	SP23-D	Mean (X)	SP23-Comp	Calc Value	Standard	Comments		
SP-23 (LEPH)	1760	1750	1755	787	1755	2000	Calculated value < Standard		
SP-23 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 16: PID and ANALYTICAL RESULTS FOR STOCKPILE 24 (50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP24-A	63	-	-	-	-	-	-	-	cell (5 aliquots)
SP24-B	93	-	-	-	-	-	-	-	cell (5 aliquots)
SP24-C	200	719	<200	-	-	-	-	-	cell (5 aliquots)
SP24-D	85	-	-	-	-	-	-	-	cell (5 aliquots)
SP24-E	94	473	<200	-	-	-	-	-	cell (5 aliquots)
SP24-DUP	-	520	<200	-	-	-	-	-	duplicate of SP24-E
SP24-COMP	-	442	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP24-C	SP24-E	Mean (X)	SP24-Comp	Calc Value	Standard	Comments		
SP-24(LEPH)	719	473	596	442	596	2000	Calculated value < Standard		
SP-24 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 17: PID and ANALYTICAL RESULTS FOR STOCKPILE 25(50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP25-A	93	-	-	-	-	-	-	-	cell (5 aliquots)
SP25-B	115	401	<200	-	-	-	-	-	cell (5 aliquots)
SP25-C	92	-	-	-	-	-	-	-	cell (5 aliquots)
SP25-D	110	-	-	-	-	-	-	-	cell (5 aliquots)
SP25-E	181	613	<200	-	-	-	-	-	cell (5 aliquots)
SP25-COMP	-	712	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP25-B	SP25-E	Mean (X)	SP25-Comp	Calc Value	Standard	Comments		
SP-25(LEPH)	401	613	507	712	917	2000	Calculated value < Standard		
SP-25 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 18: PID and ANALYTICAL RESULTS FOR STOCKPILE 26(50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP26-A	140	-	-	-	-	-	-	-	cell (5 aliquots)
SP26-B	200	-	-	-	-	-	-	-	cell (5 aliquots)
SP26-C	230	1940	<200	-	-	-	-	-	cell (5 aliquots)
SP26-D	240	680	<200	-	-	-	-	-	cell (5 aliquots)
SP26-E	160	-	-	-	-	-	-	-	cell (5 aliquots)
SP26-COMP	-	520	<200	<.04	<.05	<.05	0.27	<100	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP26-C	SP26-D	Mean (X)	SP26-Comp	Calc Value	Standard	Comments		
SP-26(LEPH)	1940	680	1310	520	1310	2000	Calculated value < Standard		
SP-26 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 19: PID and ANALYTICAL RESULTS FOR STOCKPILE 27(50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP27-A	100	-	-	-	-	-	-	-	cell (5 aliquots)
SP27-B	130	-	-	-	-	-	-	-	cell (5 aliquots)
SP27-C	185	534	<200	-	-	-	-	-	cell (5 aliquots)
SP27-D	130	578	<200	-	-	-	-	-	cell (5 aliquots)
SP27-E	115	-	-	-	-	-	-	-	cell (5 aliquots)
SP27-COMP	-	343	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP27-C	SP27-D	Mean (X)	SP27-Comp	Calc Value	Standard	Comments		
SP-27(LEPH)	534	578	556	343	556	2000	Calculated value < Standard		
SP-27 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 20: PID and ANALYTICAL RESULTS FOR STOCKPILE 28(50 mm crush - Area 1)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP28-A	160	535	<200	-	-	-	-	-	cell (5 aliquots)
SP28-B	150	585	<200	-	-	-	-	-	cell (5 aliquots)
SP28-C	140	-	-	-	-	-	-	-	cell (5 aliquots)
SP28-D	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP28-E	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP28-COMP	-	421	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP28-A	SP28-B	Mean (X)	SP28-Comp	Calc Value	Standard	Comments		
SP-28(LEPH)	535	585	560	421	560	2000	Calculated value < Standard		
SP-28 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

Note: there were only 3 cells in stockpile 28

TABLE 21: PID and ANALYTICAL RESULTS FOR STOCKPILE 10 (20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP10-A	100	-	-	-	-	-	-	-	cell (5 aliquots)
SP10-B	120	-	-	-	-	-	-	-	cell (5 aliquots)
SP10-C	80	-	-	-	-	-	-	-	cell (5 aliquots)
SP10-D	200	777	<200	-	-	-	-	-	cell (5 aliquots)
SP10-E	150	1700	385	-	-	-	-	-	cell (5 aliquots)
SP10-COMP	-	285	<200	<.04	<.05	<.05	<.05	<100	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP10-B	SP10-E	Mean (X)	SP10-Comp	Calc Value	Standard	Comments		
SP-10 (LEPH)	777	1700	1238.5	285	1239	2000	Calculated value < Standard		
SP-10 (HEPH)	200	385	292.5	200	292.5	5000	Calculated value < Standard		

TABLE 22: PID and ANALYTICAL RESULTS FOR STOCKPILE 11 (20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP11-A	200	332	<200	-	-	-	-	-	cell (5 aliquots)
SP11-B	130	-	-	-	-	-	-	-	cell (5 aliquots)
SP11-C	100	-	-	-	-	-	-	-	cell (5 aliquots)
SP11-D	100	-	-	-	-	-	-	-	cell (5 aliquots)
SP11-E	140	412	<200	-	-	-	-	-	cell (5 aliquots)
SP11-COMP	-	456	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP11-A	SP11-E	Mean (X)	SP11-Comp	Calc Value	Standard	Comments		
SP-11 (LEPH)	332	412	372	456	540	2000	Calculated value < Standard		
SP-11 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 23: PID and ANALYTICAL RESULTS FOR STOCKPILE 12 (20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP12-A	40	-	-	-	-	-	-	-	cell (5 aliquots)
SP12-B	90	-	-	-	-	-	-	-	cell (5 aliquots)
SP12-C	50	-	-	-	-	-	-	-	cell (5 aliquots)
SP12-D	90	422	<200	-	-	-	-	-	cell (5 aliquots)
SP12-E	90	550	<200	-	-	-	-	-	cell (5 aliquots)
SP12-DUP	-	633	<200	-	-	-	-	-	duplicate of SP12-E
SP12-COMP	-	572	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP12-D	SP12-E	Mean (X)	SP12-Comp	Calc Value	Standard	Comments		
SP-12 (LEPH)	422	550	486	572	658	2000	Calculated value < Standard		
SP-12 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 24: PID and ANALYTICAL RESULTS FOR STOCKPILE 13 (20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP13-A	80	-	-	-	-	-	-	-	cell (5 aliquots)
SP13-B	85	-	-	-	-	-	-	-	cell (5 aliquots)
SP13-DUP	-	-	-	-	-	-	-	-	duplicate of SP6-B
SP13-C	95	-	-	-	-	-	-	-	cell (5 aliquots)
SP13-D	100	397	<200	-	-	-	-	-	cell (5 aliquots)
SP13-E	220	650	<200	-	-	-	-	-	cell (5 aliquots)
SP13-COMP	-	528	<200	<.04	<.05	<.05	<.05	<100	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP13-D	SP13-E	Mean (X)	SP13-Comp	Calc Value	Standard	Comments		
SP-13 (LEPH)	397	650	523.5	528	533	2000	Calculated value < Standard		
SP-13 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 25: PID and ANALYTICAL RESULTS FOR STOCKPILE 14(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL STANDARD ⁽¹⁾									
		2000	5000	0.04	2.5	7	20	200	
SP14-A	70	-	-	-	-	-	-	-	cell (5 aliquots)
SP14-B	270	804	<200	-	-	-	-	-	cell (5 aliquots)
SP14-C	200	699	<200	-	-	-	-	-	cell (5 aliquots)
SP14-D	150	-	-	-	-	-	-	-	cell (5 aliquots)
SP14-E	110	-	-	-	-	-	-	-	cell (5 aliquots)
SP14-COMP	-	516	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP14-B	SP14-C	Mean (X)	SP14-Comp	Calc Value	Standard	Comments		
SP-14 (LEPH)	804	699	751.5	516	752	2000	Calculated value < Standard		
SP-14 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard		

TABLE 26: PID and ANALYTICAL RESULTS FOR STOCKPILE 15(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR IL STANDARD ⁽¹⁾									
		2000	5000	0.04	2.5	7	20	200	
SP15-A	140	846	<200	-	-	-	-	-	cell (5 aliquots)
SP15-B	120	-	-	-	-	-	-	-	cell (5 aliquots)
SP15-C	125	-	-	-	-	-	-	-	cell (5 aliquots)
SP15-D	250	2600	532	-	-	-	-	-	cell (5 aliquots)
SP15-E	180	982	<200	-	-	-	-	-	cell (5 aliquots)
SP15-COMP	-	792	<200	-	-	-	-	-	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP15-D	SP15-E	Mean (X)	SP15-Comp	Calc Value	Standard	Comments		
SP-15 (LEPH)	2600	982	1791	792	1791	2000	Calculated value < Standard		
SP-15 (HEPH)	532	200	366	200	366	5000	Calculated value < Standard		

Note: Cell Sample SP15-D was above CSR-IL standards and therefore, this material was removed from the stockpile for reprocessing in the crusher. Since 1 cell sample (SP15-D) was above CSR-IL but calculated value for LEPH was <2000 mg/kg, an additional cell sample was analysed (SP15-A). Since the result for sample SP15-A was below the CSR-IL standard for this cell sample, the stockpile was classified as below suspect class (between residential and industrial class)

TABLE 27: PID and ANALYTICAL RESULTS FOR STOCKPILE 16(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR-IL STANDARD ⁽¹⁾									
		2000	5000	0.04	2.5	7	20	200	
SP16-A	140	-	-	-	-	-	-	-	cell (5 aliquots)
SP16-B	210	-	-	-	-	-	-	-	cell (5 aliquots)
SP16-C	200	-	-	-	-	-	-	-	cell (5 aliquots)
SP16-D	270	1180	202	-	-	-	-	-	cell (5 aliquots)
SP16-E	220	835	<200	-	-	-	-	-	cell (5 aliquots)
SP16-COMP	-	850	<200	<.04	<.05	<.05	0.06	<100	stockpile (250m ³)
Calculated Value Based on BCE Confirmation Testing Guidelines									
Stockpile	SP16-D	SP16-E	Mean (X)	SP16-COMP	Calc Value	Standard	Comments		
SP-16 (LEPH)	1180	835	1007.5	850	1008	2000	Calculated value < Standard		
SP-16 (HEPH)	202	200	201	200	201	5000	Calculated value < Standard		

TABLE 28: PID and ANALYTICAL RESULTS FOR STOCKPILE 17(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR-IL STANDARD ⁽¹⁾									
		2000	5000	0.04	2.5	7	20	200	
SP17-A	310	945	<200	-	-	-	-	-	cell (5 aliquots)

Note: there was only 1 cell in stockpile 17

TABLE 29: PID and ANALYTICAL RESULTS FOR STOCKPILE 29(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR-IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP29-A	130	-	-	-	-	-	-	-	cell (5 aliquots)
SP29-B	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP29-C	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP29-D	-	262	<200	-	-	-	-	-	cell (5 aliquots)
SP29-E	-	300	<200	-	-	-	-	-	cell (5 aliquots)
SP29-COMP	-	370	<200	<0.04	<0.05	<0.05	0.33	<100	stockpile (250m ³)

Stockpile	SP29-D	SP29-E	Mean (X)	SP29-COMP	Calc Value	Standard	Comments
SP-29 (LEPH)	262	300	281	370	459	2000	Calculated value < Standard
SP-29 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

Note: PID malfunctioning - sent to Hazco for repair (no PID results for SP29, SP30, SP31 or SP32)

TABLE 30: PID and ANALYTICAL RESULTS FOR STOCKPILE 30(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR-IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP30-A	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP30-B	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP30-C	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP30-D	-	230	<200	-	-	-	-	-	cell (5 aliquots)
SP30-DUP	-	227	<200	-	-	-	-	-	duplicate of SP30-D
SP30-E	-	279	<200	-	-	-	-	-	cell (5 aliquots)
SP30-COMP	-	282	<200	-	-	-	-	-	stockpile (250m ³)

Stockpile	SP30-D	SP30-E	Mean (X)	SP30-COMP	Calc Value	Standard	Comments
SP-30 (LEPH)	230	279	254.5	282	310	2000	Calculated value < Standard
SP-30 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 31: PID and ANALYTICAL RESULTS FOR STOCKPILE 31(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR-IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP31-A	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP31-B	-	306	<200	-	-	-	-	-	cell (5 aliquots)
SP31-C	-	<200	<200	-	-	-	-	-	cell (5 aliquots)
SP31-D	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP31-E	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP31-COMP	-	226	<200	-	-	-	-	-	stockpile (250m ³)

Stockpile	SP31-D	SP31-E	Mean (X)	SP31-COMP	Calc Value	Standard	Comments
SP-31 (LEPH)	306	200	253	226	253	2000	Calculated value < Standard
SP-31 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

TABLE 32: PID and ANALYTICAL RESULTS FOR STOCKPILE 32(20 mm crush - Area 2)

SITE	PID	LEPH	HEPH	benzene	toluene	ethylbenzene	meta -& para-Xylene	VPH	Comments
CSR-IL									
STANDARD ⁽¹⁾		2000	5000	0.04	2.5	7	20	200	
SP32-A	-	385	<200	-	-	-	-	-	cell (5 aliquots)
SP32-B	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP32-C	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP32-D	-	382	<200	-	-	-	-	-	cell (5 aliquots)
SP32-E	-	-	-	-	-	-	-	-	cell (5 aliquots)
SP32-COMP	-	210	<200	<0.04	<0.05	<0.05	0.33	<100	stockpile (250m ³)

Stockpile	SP32-A	SP32-D	Mean (X)	SP32-COMP	Calc Value	Standard	Comments
SP-32 (LEPH)	385	382	383.5	210	384	2000	Calculated value < Standard
SP-32 (HEPH)	200	200	200	200	200	5000	Calculated value < Standard

Table 33: Quality control on duplicate sampling

Sample	Sample Conc. (mg/kg)	Duplic. Conc. (mg/kg)	Variability (%)
SP1-C	1630	415	119
SP6-B	1250	1020	20
SP24-E	473	520	9
SP12-E	550	633	14
SP30-D	230	227	1