Table 1. Summary of Soil Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Location ID	Residential	Impact to	SR6-PE-01B	SR6-PE-02B	SR6-PE-03B	SR6-PE-04B	SR6-PE-05B	SR6-PE-06B	SR6-PE-07S	SR6-PE-08S	SR6-PE-09S	SR6-PE-10S	SR6-PE-11S	SR6-PE-12S	SR6-PE-13S
Sample ID	Direct Contact	Groundwater	SR6-PE-01B	SR6-PE-02B	SR6-PE-03B	SR6-PE-04B	SR6-PE-05B	SR6-PE-06B	SR6-PE-07S	SR6-PE-08S	SR6-PE-09S	SR6-PE-10S	SR6-PE-11S	SR6-PE-12S	SR6-PE-13S
Sample Date	Soil Criteria	Soil Criteria	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/10/2007	10/10/2007	10/9/2007	10/10/2007	10/9/2007	10/10/2007
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC															
1,1,1-Trichloroethane	210	50	< 0.00038	< 0.00045	< 0.00048	< 0.00074	< 0.00035	< 0.00036	< 0.00051	< 0.00061	< 0.00088	< 0.00051	< 0.00039	< 0.00046	< 0.00049
1,1,2,2-Tetrachloroethane	34	1	< 0.0003	< 0.00035	< 0.00037	< 0.00057	< 0.00027	< 0.00028	< 0.0004	< 0.00047	< 0.00068	< 0.0004	< 0.0003	< 0.00036	< 0.00038
1,1,2-Trichloroethane	22	1	< 0.0003	< 0.00035	< 0.00037	< 0.00057	< 0.00027	< 0.00028	< 0.0004	< 0.00047	< 0.00068	< 0.0004	< 0.0003	< 0.00036	< 0.00038
1,1-Dichloroethane	570	10	< 0.0007	< 0.00082	< 0.00088	< 0.0014	< 0.00064	< 0.00067	< 0.00094	< 0.0011	< 0.0016	< 0.00093	< 0.00071	< 0.00084	< 0.0009
1,1-Dichloroethene	8	10	< 0.00047	< 0.00055	< 0.00059	< 0.00091	< 0.00043	< 0.00045	< 0.00063	< 0.00075	< 0.0011	< 0.00063	< 0.00048	< 0.00057	< 0.0006
1,2,4-Trichlorobenzene	68	100	< 0.00036	< 0.00042	< 0.00045	< 0.00069	< 0.00033	< 0.00034	< 0.00048	< 0.00057	< 0.00082	< 0.00048	< 0.00036	< 0.00043	< 0.00046
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.00095	< 0.0011	< 0.0012	< 0.0018	< 0.00087	< 0.0009	< 0.0013	< 0.0015	< 0.0022	< 0.0013	< 0.00097	< 0.0011	< 0.0012
1,2-Dibromoethane	NS	NS	< 0.0003	< 0.00035	< 0.00037	< 0.00057	< 0.00027	< 0.00028	< 0.0004	< 0.00047	< 0.00068	< 0.00039	< 0.0003	< 0.00036	< 0.00038
1,2-Dichlorobenzene	5100	50	< 0.00028	< 0.00033	< 0.00035	< 0.00054	< 0.00026	< 0.00027	< 0.00038	< 0.00045	< 0.00065	< 0.00037	< 0.00029	< 0.00034	< 0.00036
1,2-Dichloroethane	6	1	< 0.00024	< 0.00028	< 0.0003	< 0.00046	< 0.00022	< 0.00023	< 0.00032	< 0.00038	< 0.00055	< 0.00032	< 0.00024	< 0.00029	< 0.00031
1,2-Dichloropropane	10	NS	< 0.00042	< 0.00049	< 0.00052	< 0.00081	< 0.00038	< 0.0004	< 0.00056	< 0.00067	< 0.00096	< 0.00056	< 0.00043	< 0.0005	< 0.00053
1,3-Dichlorobenzene	5100	100	< 0.00037	< 0.00044	< 0.00047	0.0026 J	< 0.00034	< 0.00035	< 0.0005	< 0.00059	< 0.00086	< 0.0005	< 0.00038	< 0.00045	< 0.00048
1,4-Dichlorobenzene	570	100	< 0.0003	< 0.00036	< 0.00038	0.0026 J	< 0.00028	< 0.00029	< 0.00041	< 0.00049	< 0.0007	< 0.0004	< 0.00031	< 0.00037	< 0.00039
2-Butanone (MEK)	1000	50	< 0.0029	< 0.0034	< 0.0036	< 0.0055	< 0.0026	< 0.0027	< 0.0038	< 0.0046	< 0.0066	< 0.0038	< 0.0029	0.0116 J	< 0.0037
2-Hexanone	NS	NS	< 0.0017	< 0.0021	< 0.0022	< 0.0034	< 0.0016	< 0.0017	< 0.0023	< 0.0028	< 0.004	< 0.0023	< 0.0018	< 0.0021	< 0.0022
4-methyl-2-pentanone (MIBK)	1000	50	< 0.002	< 0.0024	< 0.0025	< 0.0039	< 0.0018	< 0.0019	< 0.0027	< 0.0032	< 0.0046	< 0.0027	< 0.002	< 0.0024	< 0.0026
Acetone	1000	100	< 0.0041	< 0.0049	0.0117 J	0.123	< 0.0038	< 0.0039	< 0.0055	< 0.0066	< 0.0096	0.0131	< 0.0042	0.0946	< 0.0053
Benzene	3	1	< 0.00073	< 0.00086	< 0.00092	< 0.0014	< 0.00067	< 0.0007	< 0.00098	< 0.0012	< 0.0017	< 0.00098	< 0.00075	< 0.00088	< 0.00094
Bromodichloromethane	11	1	< 0.00025	< 0.0003	< 0.00032	< 0.00049	< 0.00023	< 0.00024	< 0.00034	< 0.0004	< 0.00058	< 0.00034	< 0.00026	< 0.0003	< 0.00032
Bromoform	86	1	< 0.00083	< 0.00097	< 0.001	< 0.0016	< 0.00076	< 0.00079	< 0.0011	< 0.0013	< 0.0019	< 0.0011	< 0.00084	< 0.001	< 0.0011
Bromomethane	79	1	< 0.00049	< 0.00058	< 0.00062	< 0.00095	< 0.00045	< 0.00047	< 0.00066	< 0.00079	< 0.0011	< 0.00066	< 0.0005	< 0.00059	< 0.00063
Carbon disulfide	NS	NS	< 0.00029	< 0.00035	< 0.00037	< 0.00057	< 0.00027	< 0.00028	< 0.00039	< 0.00047	< 0.00068	< 0.00039	< 0.0003	< 0.00035	< 0.00038
Carbon tetrachloride	2	1	< 0.00025	< 0.0003	< 0.00032	< 0.00049	< 0.00023	< 0.00024	< 0.00034	< 0.0004	< 0.00058	< 0.00034	< 0.00026	< 0.0003	< 0.00032
Chlorobenzene	37	1	< 0.00056	< 0.00066	< 0.00071	< 0.0011	< 0.00052	< 0.00054	< 0.00076	< 0.0009	< 0.0013	< 0.00075	< 0.00058	< 0.00068	< 0.00072
Chloroethane	NS	NS	< 0.00053	< 0.00062	< 0.00066	< 0.001	< 0.00048	< 0.0005	< 0.0007	< 0.00084	< 0.0012	< 0.0007	< 0.00054	< 0.00063	< 0.00067
Chloroform	19	1	< 0.0004	< 0.00047	< 0.0005	< 0.00077	< 0.00037	< 0.00038	< 0.00054	< 0.00064	< 0.00093	< 0.00054	< 0.00041	< 0.00048	< 0.00051
Chloromethane	520	10	< 0.00053	< 0.00062	< 0.00067	< 0.001	< 0.00049	< 0.00051	< 0.00071	< 0.00085	< 0.0012	< 0.00071	< 0.00054	< 0.00064	< 0.00068
cis-1,2-Dichloroethene	79	1	< 0.00019	< 0.00023	< 0.00024	< 0.00038	< 0.00018	< 0.00019	< 0.00026	< 0.00031	< 0.00045	< 0.00026	< 0.0002	< 0.00023	< 0.00025
cis-1,3-Dichloropropene	4	1	< 0.00051	< 0.0006	< 0.00064	< 0.00098	< 0.00046	< 0.00048	< 0.00068	< 0.00081	< 0.0012	< 0.00068	< 0.00052	< 0.00061	< 0.00065
Cyclohexane	NS	NS	< 0.0004	< 0.00047	< 0.0005	< 0.00077	< 0.00036	< 0.00038	< 0.00053	< 0.00064	< 0.00092	< 0.00053	< 0.00041	< 0.00048	< 0.00051
Dibromochloromethane	110	1	< 0.00021	< 0.00025	< 0.00027	< 0.00041	< 0.00019	< 0.0002	< 0.00028	< 0.00034	< 0.00049	< 0.00028	< 0.00022	< 0.00026	< 0.00027
Dichlorodifluoromethane	NS	NS	< 0.00041	< 0.00048	< 0.00052	< 0.0008	< 0.00038	< 0.00039	< 0.00055	< 0.00066	< 0.00095	< 0.00055	< 0.00042	< 0.0005	< 0.00053
Ethylbenzene	1000	100	< 0.00049	< 0.00057	< 0.00062	0.0019	< 0.00045	< 0.00047	< 0.00066	< 0.00078	< 0.0011	< 0.00065	< 0.0005	< 0.00059	< 0.00063
Freon 113	NS	NS	< 0.00038	< 0.00044	< 0.00047	0.0057 J	< 0.00034	< 0.00036	< 0.0005	< 0.0006	< 0.00087	< 0.0005	< 0.00038	< 0.00045	< 0.00048
Isopropylbenzene	NS	NS	< 0.0003	< 0.00036	< 0.00038	0.0035 J	< 0.00028	< 0.00029	< 0.00041	< 0.00048	< 0.0007	< 0.0004	< 0.00031	< 0.00036	< 0.00039
Methyl acetate	NS	NS	< 0.0032	< 0.0037	< 0.004	< 0.0061	< 0.0029	< 0.003	< 0.0042	< 0.005	< 0.0073	< 0.0042	< 0.0032	< 0.0038	< 0.004
Methyl tert butyl ether	NS	NS	< 0.00064	< 0.00075	< 0.0008	< 0.0012	< 0.00058	< 0.00061	< 0.00085	< 0.001	< 0.0015	< 0.00085	< 0.00065	< 0.00077	< 0.00082
Methylcyclohexane	NS	NS	< 0.00051	< 0.0006	< 0.00064	0.0042 J	< 0.00047	< 0.00049	< 0.00068	< 0.00081	< 0.0012	< 0.00068	< 0.00052	< 0.00061	< 0.00065
Methylene chloride	49	1	< 0.00048	< 0.00056	< 0.0006	< 0.00092	< 0.00044	< 0.00045	< 0.00064	< 0.00076	< 0.0011	< 0.00064	< 0.00049	< 0.00057	< 0.00061
o-Xylene	NS	NS	< 0.00026	< 0.00031	< 0.00033	< 0.00051	< 0.00024	< 0.00025	< 0.00035	< 0.00042	< 0.0006	< 0.00035	< 0.00027	< 0.00032	< 0.00034
Styrene	23	100	< 0.00023	< 0.00027	< 0.00029	< 0.00044	< 0.00021	< 0.00022	< 0.00031	< 0.00037	< 0.00053	< 0.00031	< 0.00023	< 0.00028	< 0.0003
Tetrachloroethene	4	1	< 0.00034	< 0.0004	< 0.00042	0.0104	< 0.00031	< 0.00032	< 0.00045	< 0.00054	< 0.00078	< 0.00045	< 0.00034	< 0.00041	< 0.00043
Toluene	1000	500	< 0.00042	< 0.0005	< 0.00053	< 0.00082	< 0.00039	< 0.00041	< 0.00057	< 0.00068	< 0.00098	< 0.00057	< 0.00043	< 0.00051	< 0.00054
Trans-1,2-dichloroethene	1000	50	< 0.00056	< 0.00066	< 0.0007	< 0.0011	< 0.00051	< 0.00053	< 0.00075	< 0.0009	< 0.0013	< 0.00075	< 0.00057	< 0.00067	< 0.00072
trans-1,3-Dichloropropene	4	1	< 0.00081	< 0.00096	< 0.001	< 0.0016	< 0.00075	< 0.00078	< 0.0011	< 0.0013	< 0.0019	< 0.0011	< 0.00083	< 0.00098	< 0.001
Trichloroethene	23	1	< 0.00033	< 0.00039	< 0.00041	0.0017 J	< 0.0003	< 0.00031	< 0.00044	< 0.00053	< 0.00076	< 0.00044	< 0.00033	< 0.0004	< 0.00042
Trichlorofluoromethane	NS	NS	< 0.00047	< 0.00056	< 0.0006	0.0021 J	< 0.00043	< 0.00045	< 0.00064	< 0.00076	< 0.0011	< 0.00063	< 0.00048	< 0.00057	< 0.00061
Vinyl Chloride	2	10	< 0.00056	< 0.00066	< 0.00071	< 0.0011	< 0.00052	< 0.00054	< 0.00075	< 0.0009	< 0.0013	< 0.00075	< 0.00057	< 0.00068	< 0.00072
Xylene, -m,p	NS	NS	< 0.00049	< 0.00058	< 0.00062	0.0049	< 0.00045	< 0.00047	< 0.00066	< 0.00079	< 0.0011	< 0.00066	< 0.0005	< 0.00059	< 0.00063
Xylenes	410	67	< 0.00026	< 0.00031	< 0.00033	0.0049	< 0.00024	< 0.00025	< 0.00035	< 0.00042	< 0.0006	< 0.00035	< 0.00027	< 0.00032	< 0.00034
Total TIC, Volatile	NS	NS	0	0	0	0.011 J	0	0	0	0	0	0	0	0	0

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Location ID	Residential	Impact to	SR6-PE-01B	SR6-PE-02B	SR6-PE-03B	SR6-PE-04B	SR6-PE-05B	SR6-PE-06B	SR6-PE-07S	SR6-PE-08S	SR6-PE-09S	SR6-PE-10S	SR6-PE-11S	SR6-PE-12S	SR6-PE-13S
Sample ID	Direct Contact	Groundwater	SR6-PE-01B	SR6-PE-02B	SR6-PE-03B	SR6-PE-04B	SR6-PE-05B	SR6-PE-06B	SR6-PE-07S	SR6-PE-08S	SR6-PE-09S	SR6-PE-10S	SR6-PE-11S	SR6-PE-12S	SR6-PE-13S
Sample Date	Soil Criteria	Soil Criteria	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/10/2007	10/10/2007	10/9/2007	10/10/2007	10/9/2007	10/10/2007
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC															
1,1'-Biphenyl	NS	NS	< 0.011	< 0.011	< 0.011	< 0.011	< 0.01	< 0.011	< 0.012	< 0.012	< 0.02	< 0.011	< 0.0091	< 0.011	< 0.012
2,4,5-Trichlorophenol	5600	50	< 0.074	< 0.078	< 0.08	< 0.075	< 0.073	< 0.074	< 0.083	< 0.086	< 0.14	< 0.078	< 0.064	< 0.076	< 0.081
2,4,6-Trichlorophenol	62	10	< 0.078	< 0.083	< 0.085	< 0.079	< 0.078	< 0.079	< 0.089	< 0.092	< 0.15	< 0.083	< 0.068	< 0.081	< 0.086
2,4-Dichlorophenol	170	10	< 0.04	< 0.043	< 0.044	< 0.041	< 0.04	< 0.04	< 0.046	< 0.047	< 0.075	< 0.043	< 0.035	< 0.042	< 0.044
2,4-Dimethylphenol	1100	10	< 0.047	< 0.05	< 0.051	< 0.048	< 0.047	< 0.048	< 0.054	< 0.055	< 0.088	< 0.05	< 0.041	< 0.049	< 0.052
2,4-Dinitrophenol	110	10	< 0.043	< 0.045	< 0.046	< 0.043	< 0.042	< 0.043	< 0.048	< 0.05	< 0.08	< 0.045	< 0.037	< 0.044	< 0.047
2,4-Dinitrotoluene	1	10	< 0.013	< 0.013	< 0.014	< 0.013	< 0.012	< 0.013	< 0.014	< 0.015	< 0.023	< 0.013	< 0.011	< 0.013	< 0.014
2,6-Dinitrotoluene	1	10	< 0.015	< 0.016	< 0.017	< 0.016	< 0.015	< 0.016	< 0.018	< 0.018	< 0.029	< 0.016	< 0.013	< 0.016	< 0.017
2-Chloronaphthalene	NS	NS	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.013	< 0.014	< 0.022	< 0.012	< 0.01	< 0.012	< 0.013
2-Chlorophenol	280	10	< 0.025	< 0.026	< 0.027	< 0.025	< 0.024	< 0.025	< 0.028	< 0.029	< 0.046	< 0.026	< 0.021	< 0.025	< 0.027
2-Methylnaphthalene	NS	NS	< 0.035	< 0.037	< 0.038	< 0.035	< 0.034	< 0.035	< 0.039	< 0.041	< 0.065	< 0.037	< 0.03	< 0.036	< 0.038
2-Methylphenol	2800	NS	< 0.037	< 0.04	< 0.041	< 0.038	< 0.037	< 0.038	< 0.042	< 0.044	< 0.07	< 0.04	< 0.033	< 0.039	< 0.041
2-Nitroaniline	NS	NS	< 0.025	< 0.026	< 0.027	< 0.025	< 0.024	< 0.025	< 0.028	< 0.029	< 0.046	< 0.026	< 0.021	< 0.025	< 0.027
2-Nitrophenol	NS	NS	< 0.045	< 0.048	< 0.049	< 0.046	< 0.045	< 0.045	< 0.051	< 0.053	< 0.084	< 0.048	< 0.039	< 0.046	< 0.049
3&4-Methylphenol	NS	NS	< 0.048	< 0.051	< 0.052	< 0.049	< 0.048	< 0.048	< 0.054	< 0.056	< 0.09	< 0.051	< 0.042	< 0.05	< 0.053
3,3'-Dichlorobenzidine	2	100	< 0.028	< 0.03	< 0.03	< 0.028	< 0.028	< 0.028	< 0.032	< 0.033	< 0.052	< 0.03	< 0.024	< 0.029	< 0.031
3-Nitroaniline	NS	NS	< 0.026	< 0.027	< 0.028	< 0.026	< 0.026	< 0.026	< 0.029	< 0.03	< 0.048	< 0.027	< 0.022	< 0.027	< 0.028
4,6-Dinitro-2-methylphenol	NS	NS	< 0.071	< 0.075	< 0.077	< 0.072	< 0.07	< 0.071	< 0.08	< 0.083	< 0.13	< 0.075	< 0.061	< 0.073	< 0.078
4-Bromophenyl phenyl ether	NS	NS	< 0.017	< 0.018	< 0.018	< 0.017	< 0.017	< 0.017	< 0.019	< 0.02	< 0.032	< 0.018	< 0.015	< 0.017	< 0.019
4-Chloro-3-Methylphenol	10000	100	< 0.053	< 0.056	< 0.057	< 0.053	< 0.052	< 0.053	< 0.06	< 0.062	< 0.099	< 0.056	< 0.046	< 0.054	< 0.058
4-Chloroaniline	230	NS	< 0.014	< 0.015	< 0.015	< 0.014	< 0.014	< 0.014	< 0.016	< 0.016	< 0.026	< 0.015	< 0.012	< 0.014	< 0.015
4-Chlorophenyl phenyl ether	NS	NS	< 0.011	< 0.012	< 0.012	< 0.011	< 0.011	< 0.011	< 0.013	< 0.013	< 0.021	< 0.012	< 0.0096	< 0.011	< 0.012
4-Nitroaniline	NS	NS	< 0.022	< 0.023	< 0.024	< 0.022	< 0.022	< 0.022	< 0.025	< 0.026	< 0.041	< 0.023	< 0.019	< 0.023	< 0.024
4-Nitrophenol	NS	NS	< 0.068	< 0.072	< 0.074	< 0.069	< 0.068	< 0.069	< 0.077	< 0.08	< 0.13	< 0.072	< 0.059	< 0.07	< 0.075
Acenaphthene	3400	100	< 0.012	< 0.013	< 0.013	< 0.013	< 0.012	< 0.012	< 0.014	< 0.014	< 0.023	< 0.013	< 0.011	< 0.013	< 0.014
Acenaphthylene	NS	NS	< 0.0079	< 0.0083	< 0.0085	< 0.008	< 0.0078	< 0.0079	< 0.0089	< 0.0092	< 0.015	< 0.0083	< 0.0068	< 0.0081	< 0.0087
Acetophenone	NS	NS	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.013	< 0.014	< 0.022	< 0.012	< 0.01	< 0.012	< 0.013
Anthracene	10000	100	< 0.036	< 0.038	< 0.039	< 0.036	< 0.035	< 0.036	< 0.04	< 0.042	< 0.067	< 0.038	< 0.031	< 0.037	< 0.039
Atrazine	NS	NS	< 0.022	< 0.024	< 0.024	< 0.023	< 0.022	< 0.022	< 0.025	< 0.026	< 0.042	< 0.024	< 0.019	< 0.023	< 0.024

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Sample ID	Direct Contact	Groundwater	SR6-PE-01B	SR6-PE-02B	SR6-PE-03B	SR6-PE-04B	SR6-PE-05B	SR6-PE-06B	SR6-PE-07S	SR6-PE-08S	SR6-PE-09S	SR6-PE-10S	SR6-PE-11S	SR6-PE-12S	SR6-PE-13S
Sample Date	Soil Criteria	Soil Criteria	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/9/2007	10/10/2007	10/10/2007	10/9/2007	10/10/2007	10/9/2007	10/10/2007
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	0.113 J	0.0766 J	0.108 J	< 0.0074	< 0.0073	< 0.0074	< 0.0083	< 0.0086	< 0.014	< 0.0078	< 0.0064	< 0.0075	< 0.0081
Benzo(a)anthracene	0.9	500	< 0.008	< 0.0085	0.015 J	0.0169 J	< 0.0079	< 0.0081	< 0.0091	0.0209 J	0.0324 J	< 0.0085	< 0.007	< 0.0083	< 0.0088
Benzo(a)pyrene	0.66	100	< 0.019	< 0.02	< 0.021	< 0.019	< 0.019	< 0.019	< 0.022	< 0.022	< 0.036	< 0.02	< 0.016	< 0.02	< 0.021
Benzo(b)fluoranthene	0.9	50	< 0.013	< 0.013	0.0212 J	0.0186 J	< 0.013	< 0.013	< 0.014	< 0.015	< 0.024	< 0.013	< 0.011	< 0.013	< 0.014
Benzo(g,h,i)perylene	NS	NS	< 0.015	< 0.016	0.0308 J	< 0.016	< 0.015	< 0.016	< 0.017	< 0.018	< 0.029	< 0.016	< 0.013	< 0.016	< 0.017
Benzo(k)fluoranthene	0.9	500	< 0.017	< 0.018	0.0206 J	< 0.017	< 0.017	< 0.017	< 0.019	< 0.02	< 0.031	< 0.018	< 0.015	< 0.017	< 0.018
Benzyl butyl phthalate	1100	100	< 0.014	< 0.015	< 0.015	< 0.014	< 0.014	< 0.014	< 0.016	< 0.017	< 0.026	< 0.015	< 0.012	< 0.015	< 0.016
bis(2-Chloroethoxy)methane	NS	NS	< 0.015	< 0.016	< 0.016	< 0.015	< 0.015	< 0.015	< 0.017	< 0.018	< 0.028	< 0.016	< 0.013	< 0.016	< 0.017
bis(2-Chloroethyl)ether	0.66	10	< 0.018	< 0.019	< 0.019	< 0.018	< 0.018	< 0.018	< 0.02	< 0.021	< 0.033	< 0.019	< 0.015	< 0.018	< 0.02
bis(2-Chloroisopropyl)ether	2300	10	< 0.023	< 0.024	< 0.025	< 0.023	< 0.022	< 0.023	< 0.026	< 0.026	< 0.042	< 0.024	< 0.02	< 0.023	< 0.025
bis(2-Ethylhexyl)phthalate	49	100	< 0.023	< 0.025	< 0.025	< 0.024	< 0.023	< 0.023	0.268	< 0.027	< 0.044	0.0482 J	< 0.02	< 0.024	< 0.026
Caprolactam	NS	NS	< 0.021	< 0.022	0.0531 J	< 0.021	< 0.02	< 0.021	< 0.023	< 0.024	< 0.039	< 0.022	< 0.018	< 0.021	< 0.023
Carbazole	NS	NS	< 0.013	< 0.014	< 0.014	< 0.013	< 0.013	< 0.013	< 0.015	< 0.015	< 0.024	< 0.014	< 0.011	< 0.013	< 0.014
Chrysene	9	500	< 0.016	< 0.017	0.0182 J	0.0205 J	< 0.016	< 0.016	< 0.018	0.0191 J	< 0.029	< 0.017	< 0.014	< 0.016	< 0.017
Dibenzo(a,h)anthracene	0.66	100	< 0.01	< 0.011	0.03 J	< 0.01	< 0.0099	< 0.01	< 0.011	< 0.012	< 0.019	< 0.011	< 0.0086	< 0.01	< 0.011
Dibenzofuran	NS	NS	< 0.0076	< 0.0081	< 0.0083	< 0.0077	< 0.0076	< 0.0077	< 0.0086	< 0.0089	< 0.014	< 0.0081	< 0.0066	< 0.0079	< 0.0084
Diethyl phthalate	10000	50	< 0.014	< 0.014	< 0.015	< 0.014	< 0.013	< 0.014	< 0.015	< 0.016	< 0.025	< 0.014	< 0.012	< 0.014	< 0.015
Dimethyl phthalate	10000	50	< 0.01	< 0.011	< 0.011	< 0.011	< 0.01	< 0.011	< 0.012	< 0.012	< 0.02	< 0.011	< 0.0091	< 0.011	< 0.012
di-n-butyl phthalate	5700	100	< 0.011	< 0.011	< 0.012	< 0.011	< 0.011	< 0.011	< 0.012	< 0.013	< 0.02	< 0.011	< 0.0093	< 0.011	< 0.012
di-n-octylphthalate	1100	100	< 0.016	< 0.017	< 0.017	< 0.016	< 0.016	< 0.016	< 0.018	< 0.019	< 0.03	< 0.017	< 0.014	< 0.016	< 0.017
Fluoranthene	2300	100	< 0.0072	< 0.0076	0.0245 J	0.0283 J	< 0.0071	< 0.0072	0.0147 J	0.0234 J	0.0308 J	< 0.0076	0.011 J	< 0.0074	< 0.0079
Fluorene	2300	100	< 0.0078	< 0.0083	< 0.0085	< 0.0079	< 0.0078	< 0.0079	< 0.0089	< 0.0092	< 0.015	< 0.0083	< 0.0068	< 0.0081	< 0.0086
Hexachlorobenzene	0.66	100	< 0.019	< 0.02	< 0.02	< 0.019	< 0.019	< 0.019	< 0.021	< 0.022	< 0.035	< 0.02	< 0.016	< 0.019	< 0.021
Hexachlorobutadiene	1	100	< 0.018	< 0.019	< 0.019	< 0.018	< 0.018	< 0.018	< 0.02	< 0.021	< 0.034	< 0.019	< 0.016	< 0.019	< 0.02
Hexachlorocyclopentadiene	400	100	< 0.018	< 0.019	< 0.02	< 0.018	< 0.018	< 0.018	< 0.02	< 0.021	< 0.034	< 0.019	< 0.016	< 0.019	< 0.02
Hexachloroethane	6	100	< 0.016	< 0.017	< 0.018	< 0.016	< 0.016	< 0.016	< 0.018	< 0.019	< 0.03	< 0.017	< 0.014	< 0.017	< 0.018
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.036	< 0.038	< 0.039	< 0.037	< 0.036	< 0.036	< 0.041	< 0.042	< 0.068	< 0.038	< 0.031	< 0.037	< 0.04
Isophrone	1100	50	< 0.012	< 0.013	< 0.014	< 0.013	< 0.012	< 0.013	< 0.014	< 0.015	< 0.023	< 0.013	< 0.011	< 0.013	< 0.014
Naphthalene	230	100	< 0.0088	< 0.0093	< 0.0095	< 0.0089	< 0.0087	< 0.0088	< 0.0099	< 0.01	< 0.016	< 0.0093	< 0.0076	< 0.009	< 0.0096
Nitrobenzene	28	50	< 0.013	< 0.014	< 0.014	< 0.013	< 0.013	< 0.013	< 0.015	< 0.015	< 0.024	< 0.014	< 0.011	< 0.013	< 0.014
N-Nitroso-di-n-Propylamine	0.66	10	< 0.013	< 0.014	< 0.014	< 0.013	< 0.013	< 0.013	< 0.015	< 0.016	< 0.025	< 0.014	< 0.011	< 0.014	< 0.015
N-Nitrosodiphenylamine	140	1000	< 0.0085	< 0.009	< 0.0092	< 0.0086	< 0.0084	< 0.0086	< 0.0096	< 0.01	< 0.016	< 0.009	< 0.0074	< 0.0088	< 0.0094
Pentachlorophenol	6	100	< 0.041	< 0.043	< 0.044	< 0.041	< 0.04	< 0.041	< 0.046	< 0.048	< 0.076	< 0.043	< 0.035	< 0.042	< 0.045
Phenanthrene	NS	NS	< 0.0097	< 0.01	< 0.01	0.02 J	< 0.0096	< 0.0097	< 0.011	< 0.011	< 0.018	< 0.01	< 0.0084	< 0.01	< 0.011
Phenol	10000	50	< 0.036	< 0.038	< 0.039	< 0.037	< 0.036	< 0.036	< 0.041	< 0.042	< 0.068	< 0.038	< 0.031	< 0.037	< 0.04
Pyrene	1700	100	< 0.013	< 0.014	0.0233 J	0.0312 J	< 0.013	< 0.014	0.0168 J	0.0275 J	0.0373 J	< 0.014	0.0123 J	< 0.014	< 0.015
Total TIC, Semi-Volatile	NS	NS	3.51 J	9.06 J	26.25 J	40.89 J	15.29 J	11.74 J	6.75 J	3.6 J	4.36 J	11.21 J	2.97 J	2.18 J	0.58 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Landfill Site, Ringwood, New Jersey.

Location ID	**Residential**	**Impact to**	**SR6-PE-01B**	**SR6-PE-02B**	**SR6-PE-03B**	**SR6-PE-04B**	**SR6-PE-05B**	**SR6-PE-06B**	**SR6-PE-07S**	**SR6-PE-08S**	**SR6-PE-09S**	**SR6-PE-10S**	**SR6-PE-11S**	**SR6-PE-12S**	**SR6-PE-13S**
Sample ID	**Direct Contact**	**Groundwater**	**SR6-PE-01B**	**SR6-PE-02B**	**SR6-PE-03B**	**SR6-PE-04B**	**SR6-PE-05B**	**SR6-PE-06B**	**SR6-PE-07S**	**SR6-PE-08S**	**SR6-PE-09S**	**SR6-PE-10S**	**SR6-PE-11S**	**SR6-PE-12S**	**SR6-PE-13S**
Sample Date	**Soil Criteria**	**Soil Criteria**	**10/9/2007**	**10/9/2007**	**10/9/2007**	**10/9/2007**	**10/9/2007**	**10/9/2007**	**10/9/2007**	**10/10/2007**	**10/10/2007**	**10/9/2007**	**10/10/2007**	**10/9/2007**	**10/10/2007**
Validation Status			**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
PCBs															
PCB 1016	0.49	50	< 0.0072	< 0.0077	< 0.0077	< 0.0072	< 0.0072	< 0.0073	< 0.0083	< 0.0086	< 0.013	< 0.0077	< 0.0062	< 0.0076	< 0.008
PCB 1221	0.49	50	< 0.023	< 0.024	< 0.024	< 0.023	< 0.023	< 0.023	< 0.026	< 0.027	< 0.042	< 0.024	< 0.02	< 0.024	< 0.025
PCB 1232	0.49	50	< 0.021	< 0.022	< 0.022	< 0.021	< 0.021	< 0.021	< 0.024	< 0.025	< 0.038	< 0.022	< 0.018	< 0.022	< 0.023
PCB 1242	0.49	50	< 0.012	< 0.013	< 0.013	< 0.012	< 0.012	< 0.012	< 0.014	< 0.014	< 0.022	< 0.013	< 0.01	< 0.013	< 0.013
PCB 1248	0.49	50	< 0.013	< 0.014	< 0.014	< 0.013	< 0.013	< 0.013	< 0.015	< 0.016	< 0.024	< 0.014	< 0.011	< 0.014	< 0.015
PCB 1254	0.49	50	< 0.018	< 0.019	< 0.019	< 0.018	< 0.018	< 0.018	< 0.021	< 0.021	< 0.033	< 0.019	< 0.016	< 0.019	< 0.02
PCB 1260	0.49	50	< 0.0077	< 0.0082	< 0.0082	< 0.0077	< 0.0076	< 0.0078	< 0.0088	< 0.0092	< 0.014	< 0.0082	< 0.0066	< 0.0081	< 0.0085
Total PCBs	0.49	50	0	0	0	0	0	0	0	0	0	0	0	0	0
Metals															
Aluminum	NS	NS	19400	23300	19800	18900	25400	27400	13700	15400	26300	14000	11700	15600	13200
Antimony	14	NS	< 0.13 J	< 0.14 J	< 0.14 J	< 0.12 J	< 0.12 J	< 0.13 J	< 0.14 J	< 0.88 J	< 1.5 J	< 0.14 J	< 0.63 J	< 0.13 J	< 0.84 J
Arsenic	20	NS	3.3	2.8	4.2	6.4	4.2	4.2	3.4	2.5 B	4.5	4.2	3	4	3.4
Barium	700	NS	41	48.2	52.8	31.8	47	42.2	107	109	205	126	97.6	143	99.9
Beryllium	2	NS	0.53 B	0.62 B	0.57 B	0.4 B	0.54 B	0.53 B	0.52 B	0.69 J	1.1 J	0.59 B	0.5 J	0.6	0.55 BJ
Cadmium	39	NS	< 0.02	0.064 B	0.062 B	0.22 B	0.034 B	0.093 B	0.088 B	0.1 B	< 0.14	< 0.021	< 0.058	0.071 B	< 0.078
Calcium	NS	NS	587	454 B	1010	927	1030	331 B	2320	1560	2160	1710	445 B	732	832
Chromium	240	NS	19.9	25.3	22.4	17.6	23.2	21.8	17.8	16.2	28.3	20	13.4	18.7	15.1
Cobalt	NS	NS	9.6	8.7	11.7	4.4 B	7.5	6.5	7	5.9 B	10.6 B	18.6	6.6	5.5 B	5.7 B
Copper	600	NS	23.3 J	20.1 J	23.1 J	16 J	19.7 J	14.9 J	35 J	36.6	46.8	40.2 J	22.5	17.4 J	13.7
Iron	NS	NS	22900 J	30000 J	27900 J	23200 J	23600 J	23700 J	15800 J	16300 J	28600 J	25600 J	27500 J	21400 J	23400 J
Lead	400	NS	8.5 J	9.6 J	41.1 J	57.9 J	8.8 J	12.2 J	32.2 J	20.2	39.8	28.9 J	15.1	17.6 J	23.7
Magnesium	NS	NS	3550	3150	3400	2060	3410	2800	2400	2070	3350	2780	1210	2080	1730
Manganese	NS	NS	160	128	147	132	136	118	356	443 J	443 J	1270	685 J	600	408 J
Mercury	14	NS	0.05	0.063	0.093	0.14	0.13	0.043	0.075	0.12	0.13	0.074	0.081	0.046	0.043
Nickel	250	NS	18.6	18.5	18.3	10.3	16.9	15.3	13.6	11.1	18.7	15.3	6.5	11.1	7.9
Potassium	NS	NS	819 BJ	838 BJ	1190 BJ	603 BJ	755 BJ	681 BJ	782 BJ	750 BJ	1120 BJ	905 BJ	498 BJ	890 BJ	534 BJ
Selenium	63	NS	< 0.18	< 0.2	< 0.19	0.82 B	0.33 B	< 0.18	< 0.2	< 1.5	< 2.5	< 0.2	< 1.1	< 0.18	< 1.4
Silver	110	NS	< 0.083	< 0.092	< 0.089	< 0.082	< 0.081	< 0.084	< 0.091	< 0.61	< 1	< 0.091	< 0.44	< 0.085	< 0.58
Sodium	NS	NS	59.3 B	47.3 B	55.5 B	36.2 B	46.2 B	32.5 B	61.6 B	< 120 J	< 200 J	60.1 B	< 87 J	44.9 B	< 120 J
Thallium	2	NS	< 0.18	0.72 B	0.58 B	0.55 B	< 0.18	< 0.18	0.23 B	< 1 J	< 1.7 J	0.99 B	< 0.72 J	0.42 B	< 0.96 J
Vanadium	370	NS	38.9	59	54.4	52.8	45.8	43.6	31.9	36	63.5	46.7	38.9	47.2	37.9
Zinc	1500	NS	43.4 J	59.6 J	52 J	48.8 J	45.4 J	41.4 J	52.4 J	48	81.3	50.1 J	27.3	35.1 J	32.5
Other															
Solids, Percent	NS	NS	85.8	81.3	78.9	84.5	86.3	85.6	75.5	73.5	45.7	80.7	99.2	82.4	77.4

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantification limit.
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Criteria threshold value.
	Value is above the Impact to Groundwater Soil Cleanup Criteria threshold value.

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-15S	SR6-PE-16B	SR6-PE-16B	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample ID	Direct Contact	Groundwater	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-DUP2(SR6-PE-15S)	SR6-PE-16B	SR6-PE-DUP1(SR6-PE-16B)	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample Date	Soil Criteria	Soil Criteria	10/9/2007	10/10/2007	1/28/2008	1/28/2008	10/9/2007	10/9/2007	1/28/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC													
1,1,1-Trichloroethane	210	50	< 0.00047	< 0.00041	< 0.00045	< 0.00038	< 0.00043	< 0.00041	< 0.00048	< 0.00044	< 0.00052	< 0.00054	< 0.00074
1,1,2,2-Tetrachloroethane	34	1	< 0.00036	< 0.00032	< 0.00035	< 0.00029	< 0.00034	< 0.00032	< 0.00038	< 0.00034	< 0.00041	< 0.00042	< 0.00058
1,1,2-Trichloroethane	22	1	< 0.00036	< 0.00032	< 0.00035	< 0.00029	< 0.00034	< 0.00032	< 0.00038	< 0.00034	< 0.00041	< 0.00042	< 0.00058
1,1-Dichloroethane	570	10	< 0.00086	< 0.00075	< 0.00083	< 0.00069	< 0.00079	< 0.00076	< 0.00089	< 0.0008	< 0.00096	< 0.00099	< 0.0014
1,1-Dichloroethene	8	10	< 0.00058	< 0.0005	< 0.00056	< 0.00047	< 0.00053	< 0.00051	< 0.00059	< 0.00054	< 0.00065	< 0.00066	< 0.00091
1,2,4-Trichlorobenzene	68	100	< 0.00044	< 0.00038	< 0.00042	< 0.00035	< 0.0004	< 0.00039	< 0.00045	< 0.00041	< 0.00049	< 0.0005	< 0.00069
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.0012	< 0.001	< 0.0011	< 0.00094	< 0.0011	< 0.001	< 0.0012	< 0.0011	< 0.0013	< 0.0013	< 0.0018
1,2-Dibromoethane	NS	NS	< 0.00036	< 0.00032	< 0.00035	< 0.00029	< 0.00033	< 0.00032	< 0.00037	< 0.00034	< 0.00041	< 0.00042	< 0.00057
1,2-Dichlorobenzene	5100	50	< 0.00035	< 0.0003	< 0.00033	< 0.00028	< 0.00032	< 0.0003	< 0.00036	< 0.00032	< 0.00039	< 0.0004	< 0.00054
1,2-Dichloroethane	6	1	< 0.00029	< 0.00026	< 0.00028	< 0.00024	< 0.00027	< 0.00026	< 0.0003	< 0.00027	< 0.00033	< 0.00034	< 0.00046
1,2-Dichloropropane	10	NS	< 0.00051	< 0.00045	< 0.0005	< 0.00041	< 0.00047	< 0.00045	< 0.00053	< 0.00048	< 0.00057	< 0.00059	< 0.00081
1,3-Dichlorobenzene	5100	100	< 0.00046	< 0.0004	< 0.00044	< 0.00037	< 0.00042	< 0.0004	< 0.00047	< 0.00042	< 0.00051	< 0.00052	< 0.00072
1,4-Dichlorobenzene	570	100	< 0.00037	< 0.00032	< 0.00036	< 0.0003	< 0.00034	< 0.00033	< 0.00038	< 0.00035	< 0.00042	< 0.00043	< 0.00059
2-Butanone (MEK)	1000	50	< 0.0035	< 0.0031	< 0.0034	< 0.0028	< 0.0032	< 0.0031	< 0.0036	< 0.0033	< 0.0039	< 0.004	< 0.0055
2-Hexanone	NS	NS	< 0.0022	< 0.0019	< 0.0021	< 0.0017	< 0.002	< 0.0019	< 0.0022	< 0.002	< 0.0024	< 0.0025	< 0.0034
4-methyl-2-pentanone (MIBK)	1000	50	< 0.0025	< 0.0021	< 0.0024	< 0.002	< 0.0023	< 0.0022	< 0.0025	< 0.0023	< 0.0028	< 0.0028	< 0.0039
Acetone	1000	100	0.0162	< 0.0044	< 0.0049	< 0.0041	< 0.0047	< 0.0045	< 0.0052	< 0.0047	< 0.0057	0.0403	< 0.008
Benzene	3	1	< 0.0009	< 0.00079	< 0.00087	< 0.00073	< 0.00083	< 0.00079	< 0.00093	< 0.00084	< 0.001	< 0.001	< 0.0014
Bromodichloromethane	11	1	< 0.00031	< 0.00027	< 0.0003	< 0.00025	< 0.00028	< 0.00027	< 0.00032	< 0.00029	< 0.00035	< 0.00036	< 0.00049
Bromoform	86	1	< 0.001	< 0.00089	< 0.00099	< 0.00082	< 0.00094	< 0.00089	< 0.001	< 0.00095	< 0.0011	< 0.0012	< 0.0016
Bromomethane	79	1	< 0.00061	< 0.00053	< 0.00059	< 0.00049	< 0.00056	< 0.00053	< 0.00062	< 0.00056	< 0.00068	< 0.00069	< 0.00095
Carbon disulfide	NS	NS	< 0.00036	< 0.00032	< 0.00035	< 0.00029	< 0.00033	< 0.00032	< 0.00037	< 0.00034	< 0.0004	< 0.00041	< 0.00057
Carbon tetrachloride	2	1	< 0.00031	< 0.00027	< 0.0003	< 0.00025	< 0.00028	< 0.00027	< 0.00032	< 0.00029	< 0.00035	< 0.00036	< 0.00049
Chlorobenzene	37	1	< 0.0007	< 0.00061	< 0.00067	< 0.00056	< 0.00064	< 0.00061	< 0.00072	< 0.00065	< 0.00078	< 0.0008	< 0.0011
Chloroethane	NS	NS	< 0.00065	< 0.00056	< 0.00063	< 0.00052	< 0.00059	< 0.00057	< 0.00067	< 0.0006	< 0.00072	< 0.00074	< 0.001
Chloroform	19	1	< 0.00049	< 0.00043	< 0.00048	< 0.0004	< 0.00045	< 0.00043	< 0.00051	< 0.00046	< 0.00055	< 0.00057	< 0.00078
Chloromethane	520	10	< 0.00065	< 0.00057	< 0.00063	< 0.00053	< 0.0006	< 0.00057	< 0.00067	< 0.00061	< 0.00073	< 0.00075	< 0.001
cis-1,2-Dichloroethene	79	1	< 0.00024	< 0.00021	< 0.00023	< 0.00019	< 0.00022	< 0.00021	< 0.00025	< 0.00022	< 0.00027	< 0.00027	< 0.00038
cis-1,3-Dichloropropene	4	1	< 0.00062	< 0.00054	< 0.0006	< 0.0005	< 0.00057	< 0.00055	< 0.00064	< 0.00058	< 0.0007	< 0.00071	< 0.00098
Cyclohexane	NS	NS	< 0.00049	< 0.00043	< 0.00047	< 0.00039	< 0.00045	< 0.00043	< 0.0005	< 0.00045	< 0.00055	< 0.00056	< 0.00077
Dibromochloromethane	110	1	< 0.00026	< 0.00023	< 0.00025	< 0.00021	< 0.00024	< 0.00023	< 0.00027	< 0.00024	< 0.00029	< 0.0003	< 0.00041
Dichlorodifluoromethane	NS	NS	< 0.00051	< 0.00044	< 0.00049	< 0.00041	< 0.00047	< 0.00044	< 0.00052	< 0.00047	< 0.00057	< 0.00058	< 0.0008
Ethylbenzene	1000	100	< 0.0006	< 0.00052	< 0.00058	< 0.00048	< 0.00055	< 0.00053	< 0.00062	< 0.00056	< 0.00067	< 0.00069	< 0.00095
Freon 113	NS	NS	< 0.00046	< 0.0004	< 0.00045	< 0.00037	< 0.00043	< 0.00041	< 0.00048	< 0.00043	< 0.00052	< 0.00053	< 0.00073
Isopropylbenzene	NS	NS	< 0.00037	< 0.00032	< 0.00036	< 0.0003	< 0.00034	< 0.00033	< 0.00038	< 0.00035	< 0.00042	< 0.00043	< 0.00059
Methyl acetate	NS	NS	< 0.0039	< 0.0034	< 0.0038	< 0.0031	< 0.0036	< 0.0034	< 0.004	< 0.0036	< 0.0043	< 0.0044	< 0.0061
Methyl tert butyl ether	NS	NS	< 0.00078	< 0.00068	< 0.00076	< 0.00063	< 0.00072	< 0.00069	< 0.00081	< 0.00073	< 0.00088	< 0.0009	< 0.0012
Methylcyclohexane	NS	NS	< 0.00063	< 0.00054	< 0.00061	< 0.0005	< 0.00058	< 0.00055	< 0.00064	< 0.00058	< 0.0007	< 0.00072	< 0.00099
Methylene chloride	49	1	< 0.00059	< 0.00051	< 0.00057	< 0.00047	< 0.00054	< 0.00051	< 0.0006	< 0.00054	< 0.00065	< 0.00067	< 0.00092
o-Xylene	NS	NS	< 0.00032	< 0.00028	< 0.00031	< 0.00026	< 0.0003	< 0.00028	< 0.00033	< 0.0003	< 0.00036	< 0.00037	< 0.00051
Styrene	23	100	< 0.00028	< 0.00025	< 0.00027	< 0.00023	< 0.00026	< 0.00025	< 0.00029	< 0.00026	< 0.00032	< 0.00032	< 0.00045
Tetrachloroethene	4	1	< 0.00041	< 0.00036	< 0.0004	< 0.00033	< 0.00038	< 0.00036	< 0.00043	< 0.00038	< 0.00046	< 0.00047	< 0.00065
Toluene	1000	500	< 0.00052	< 0.00045	< 0.00051	< 0.00042	< 0.00048	< 0.00046	< 0.00054	< 0.00048	< 0.00058	< 0.0006	< 0.00082
Trans-1,2-dichloroethene	1000	50	< 0.00069	< 0.0006	< 0.00067	< 0.00056	< 0.00063	< 0.0006	< 0.00071	< 0.00064	< 0.00077	< 0.00079	< 0.0011
trans-1,3-Dichloropropene	4	1	< 0.001	< 0.00087	< 0.00097	< 0.00081	< 0.00092	< 0.00088	< 0.001	< 0.00093	< 0.0011	< 0.0011	< 0.0016
Trichloroethene	23	1	< 0.0004	< 0.00035	< 0.00039	< 0.00033	< 0.00037	< 0.00035	< 0.00042	< 0.00037	< 0.00045	< 0.00046	< 0.00064
Trichlorofluoromethane	NS	NS	< 0.00058	< 0.00051	< 0.00056	< 0.00047	< 0.00054	< 0.00051	< 0.0006	< 0.00054	< 0.00065	< 0.00067	< 0.00092
Vinyl Chloride	2	10	< 0.00069	< 0.0006	< 0.00067	< 0.00056	< 0.00064	< 0.00061	< 0.00071	< 0.00064	< 0.00077	< 0.00079	< 0.0011
Xylene, -m,p	NS	NS	< 0.00061	< 0.00053	< 0.00059	< 0.00049	< 0.00056	< 0.00053	< 0.00063	< 0.00056	< 0.00068	< 0.0007	< 0.00096
Xylenes	410	67	< 0.00032	< 0.00028	< 0.00031	< 0.00026	< 0.0003	< 0.00028	< 0.00033	< 0.0003	< 0.00036	< 0.00037	< 0.00051
Total TIC, Volatile	NS	NS	0	0	0	0	0	0	0	0	0	0	0

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-15S	SR6-PE-16B	SR6-PE-16B	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample ID	Direct Contact	Groundwater	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-DUP2(SR6-PE-15S)	SR6-PE-16B	SR6-PE-DUP1(SR6-PE-16B)	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample Date	Soil Criteria	Soil Criteria	10/9/2007	10/10/2007	1/28/2008	1/28/2008	10/9/2007	10/9/2007	1/28/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC													
1,1'-Biphenyl	NS	NS	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.012	< 0.015
2,4,5-Trichlorophenol	5600	50	< 0.073	< 0.078	< 0.075	< 0.075	< 0.077	< 0.078	< 0.079	< 0.077	< 0.085	< 0.083	< 0.1
2,4,6-Trichlorophenol	62	10	< 0.078	< 0.083	< 0.079	< 0.08	< 0.082	< 0.083	< 0.084	< 0.082	< 0.091	< 0.088	< 0.11
2,4-Dichlorophenol	170	10	< 0.04	< 0.043	< 0.041	< 0.041	< 0.042	< 0.043	< 0.043	< 0.042	< 0.047	< 0.045	< 0.056
2,4-Dimethylphenol	1100	10	< 0.047	< 0.05	< 0.048	< 0.048	< 0.05	< 0.05	< 0.05	< 0.05	< 0.055	< 0.053	< 0.065
2,4-Dinitrophenol	110	10	< 0.043	< 0.045	< 0.043	< 0.044	< 0.045	< 0.045	< 0.046	< 0.045	< 0.049	< 0.048	< 0.059
2,4-Dinitrotoluene	1	10	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.015	< 0.014	< 0.017
2,6-Dinitrotoluene	1	10	< 0.015	< 0.016	< 0.016	< 0.016	< 0.016	< 0.017	< 0.017	< 0.016	< 0.018	< 0.017	< 0.021
2-Chloronaphthalene	NS	NS	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.014	< 0.013	< 0.016
2-Chlorophenol	280	10	< 0.025	< 0.026	< 0.025	< 0.025	< 0.026	< 0.026	< 0.026	< 0.026	< 0.029	< 0.028	< 0.034
2-Methylnaphthalene	NS	NS	< 0.035	< 0.037	< 0.035	< 0.036	< 0.036	< 0.037	< 0.037	< 0.036	< 0.04	< 0.039	< 0.048
2-Methylphenol	2800	NS	< 0.037	< 0.04	< 0.038	< 0.038	< 0.039	< 0.04	< 0.04	< 0.039	< 0.044	< 0.042	< 0.052
2-Nitroaniline	NS	NS	< 0.025	< 0.026	< 0.025	< 0.025	< 0.026	< 0.026	< 0.026	< 0.026	< 0.029	< 0.028	< 0.034
2-Nitrophenol	NS	NS	< 0.045	< 0.048	< 0.045	< 0.046	< 0.047	< 0.048	< 0.048	< 0.047	< 0.052	< 0.051	< 0.062
3&4-Methylphenol	NS	NS	< 0.048	< 0.051	< 0.049	< 0.049	< 0.05	< 0.051	< 0.051	< 0.05	< 0.056	< 0.054	< 0.066
3,3'-Dichlorobenzidine	2	100	< 0.028	< 0.03	< 0.028	< 0.029	< 0.029	< 0.03	< 0.03	< 0.029	< 0.033	< 0.032	< 0.039
3-Nitroaniline	NS	NS	< 0.026	< 0.027	< 0.026	< 0.027	< 0.027	< 0.028	< 0.028	< 0.027	< 0.03	< 0.029	< 0.036
4,6-Dinitro-2-methylphenol	NS	NS	< 0.071	< 0.075	< 0.072	< 0.073	< 0.074	< 0.075	< 0.076	< 0.074	< 0.082	< 0.08	< 0.098
4-Bromophenyl phenyl ether	NS	NS	< 0.017	< 0.018	< 0.017	< 0.017	< 0.018	< 0.018	< 0.018	< 0.018	< 0.02	< 0.019	< 0.023
4-Chloro-3-Methylphenol	10000	100	< 0.053	< 0.056	< 0.053	< 0.054	< 0.055	< 0.056	< 0.056	< 0.055	< 0.061	< 0.059	< 0.073
4-Chloroaniline	230	NS	< 0.014	< 0.015	< 0.014	< 0.014	< 0.015	< 0.015	< 0.015	< 0.015	< 0.016	< 0.016	< 0.019
4-Chlorophenyl phenyl ether	NS	NS	< 0.011	< 0.012	< 0.011	< 0.011	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.015
4-Nitroaniline	NS	NS	< 0.022	< 0.023	< 0.022	< 0.023	< 0.023	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.031
4-Nitrophenol	NS	NS	< 0.068	< 0.072	< 0.069	< 0.07	< 0.072	< 0.073	< 0.073	< 0.071	< 0.079	< 0.077	< 0.094
Acenaphthene	3400	100	< 0.012	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.017
Acenaphthylene	NS	NS	< 0.0078	< 0.0083	< 0.008	< 0.0081	< 0.0083	< 0.0084	< 0.0084	< 0.0082	< 0.0091	< 0.0089	< 0.011
Acetophenone	NS	NS	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.014	< 0.013	< 0.016
Anthracene	10000	100	< 0.036	< 0.038	< 0.036	< 0.037	< 0.037	< 0.038	< 0.038	< 0.037	< 0.041	< 0.04	< 0.049
Atrazine	NS	NS	< 0.022	< 0.024	< 0.023	< 0.023	< 0.023	< 0.024	< 0.024	< 0.023	< 0.026	< 0.025	< 0.031

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-15S	SR6-PE-16B	SR6-PE-16B	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample ID	Direct Contact	Groundwater	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-DUP2(SR6-PE-15S)	SR6-PE-16B	SR6-PE-DUP1(SR6-PE-16B)	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample Date	Soil Criteria	Soil Criteria	10/9/2007	10/10/2007	1/28/2008	1/28/2008	10/9/2007	10/9/2007	1/28/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	< 0.0073	< 0.0078	< 0.0074 R	< 0.0075 R	< 0.0077	< 0.0078	< 0.0078 R	< 0.0077	< 0.0085 R	< 0.0082	< 0.01 R
Benzo(a)anthracene	0.9	500	< 0.008	< 0.0085	0.0166 J	< 0.0082	< 0.0084	< 0.0085	< 0.0086	< 0.0084	< 0.0093	< 0.009	0.0395 J
Benzo(a)pyrene	0.66	100	< 0.019	< 0.02	< 0.019	< 0.019	< 0.02	< 0.02	< 0.02	< 0.02	< 0.022	< 0.021	0.0371 J
Benzo(b)fluoranthene	0.9	50	< 0.013	< 0.013	0.0204 J	< 0.013	< 0.013	< 0.014	< 0.014	< 0.013	< 0.015	< 0.014	0.0498 J
Benzo(g,h,i)perylene	NS	NS	< 0.015	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.017	< 0.016	< 0.018	< 0.017	0.0215 J
Benzo(k)fluoranthene	0.9	500	< 0.017	< 0.018	0.044 J	< 0.017	< 0.018	< 0.018	< 0.018	< 0.018	< 0.019	< 0.019	0.0411 J
Benzyl butyl phthalate	1100	100	< 0.014	< 0.015	< 0.014	< 0.014	< 0.015	< 0.015	< 0.015	< 0.015	< 0.016	< 0.016	< 0.019
bis(2-Chloroethoxy)methane	NS	NS	< 0.015	< 0.016	< 0.015	< 0.015	< 0.016	< 0.016	< 0.016	< 0.016	< 0.018	< 0.017	< 0.021
bis(2-Chloroethyl)ether	0.66	10	< 0.018	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019	< 0.019	< 0.021	< 0.02	< 0.025
bis(2-Chloroisopropyl)ether	2300	10	< 0.023	< 0.024	< 0.023	< 0.023	< 0.024	< 0.024	< 0.024	< 0.024	< 0.026	< 0.025	< 0.031
bis(2-Ethylhexyl)phthalate	49	100	< 0.023	< 0.025	0.223 J	0.102 J	< 0.024	< 0.025	0.102	< 0.024	0.0505 J	< 0.026	0.483
Caprolactam	NS	NS	< 0.021	< 0.022	< 0.021	< 0.021	< 0.022	< 0.022	< 0.022	< 0.022	< 0.024	< 0.023	< 0.029
Carbazole	NS	NS	< 0.013	< 0.014	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.018
Chrysene	9	500	< 0.016	< 0.017	0.0205 J	< 0.016	< 0.016	< 0.017	< 0.017	< 0.016	< 0.018	< 0.018	0.0559 J
Dibenzo(a,h)anthracene	0.66	100	< 0.0099	< 0.011	< 0.01	< 0.01	< 0.01	< 0.011	< 0.011	< 0.01	< 0.012	< 0.011	< 0.014 J
Dibenzofuran	NS	NS	< 0.0076	< 0.0081	< 0.0077	< 0.0078	< 0.008	< 0.0081	< 0.0082	< 0.008	< 0.0089	< 0.0086	< 0.011
Diethyl phthalate	10000	50	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.016	< 0.015	< 0.019
Dimethyl phthalate	10000	50	< 0.01	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.012	< 0.014
di-n-butyl phthalate	5700	100	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.011	< 0.013	< 0.012	< 0.015
di-n-octylphthalate	1100	100	< 0.016	< 0.017	< 0.016	< 0.016	< 0.017	< 0.017	< 0.017	< 0.017	< 0.018	< 0.018	< 0.022 J
Fluoranthene	2300	100	< 0.0072	0.0175 J	0.0199 J	0.0116 J	< 0.0076	< 0.0077	< 0.0077	< 0.0076	< 0.0084	0.0143 J	0.0761 J
Fluorene	2300	100	< 0.0078	< 0.0083	< 0.0079	< 0.008	< 0.0082	< 0.0083	< 0.0084	< 0.0082	< 0.0091	< 0.0088	< 0.011
Hexachlorobenzene	0.66	100	< 0.019	< 0.02	< 0.019	< 0.019	< 0.02	< 0.02	< 0.02	< 0.02	< 0.022	< 0.021	< 0.026
Hexachlorobutadiene	1	100	< 0.018	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019	< 0.019	< 0.021	< 0.02	< 0.025
Hexachlorocyclopentadiene	400	100	< 0.018	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.019	< 0.019	< 0.021	< 0.02	< 0.025
Hexachloroethane	6	100	< 0.016	< 0.017	< 0.016	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.019	< 0.018	< 0.022
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.036	< 0.038	< 0.037	< 0.037	< 0.038	< 0.038	< 0.039	< 0.038	< 0.042	< 0.041	< 0.05 J
Isophrone	1100	50	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.017
Naphthalene	230	100	< 0.0087	< 0.0093	< 0.0089	< 0.009	< 0.0092	< 0.0093	< 0.0094	< 0.0092	< 0.01	< 0.0099	< 0.012
Nitrobenzene	28	50	< 0.013	< 0.014	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.018
N-Nitroso-di-n-Propylamine	0.66	10	< 0.013	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.018
N-Nitrosodiphenylamine	140	1000	< 0.0085	< 0.009	< 0.0086	< 0.0087	< 0.0089	< 0.0091	< 0.0091	< 0.0089	< 0.0099	< 0.0096	< 0.012
Pentachlorophenol	6	100	< 0.041	< 0.043	< 0.041 J	< 0.042 J	< 0.043	< 0.043	< 0.043 J	< 0.043	< 0.047 J	< 0.046	< 0.056
Phenanthrene	NS	NS	< 0.0097	< 0.01	0.024 J	< 0.0099	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011	< 0.011	0.0416 J
Phenol	10000	50	< 0.036	< 0.038	< 0.037	< 0.037	< 0.038	< 0.039	< 0.039	< 0.038	< 0.042	< 0.041	< 0.05
Pyrene	1700	100	< 0.013	< 0.014	0.0223 J	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.016	0.0159 J	0.0891 J
Total TIC, Semi-Volatile	NS	NS	2.47 J	0	8.2 J	6.08 J	1.24 J	0.85 J	4.21 J	0	5.95 J	10.4 J	8.21 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-15S	SR6-PE-16B	SR6-PE-16B	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample ID	Direct Contact	Groundwater	SR6-PE-14S	SR6-PE-15B	SR6-PE-15S	SR6-PE-DUP2(SR6-PE-15S)	SR6-PE-16B	SR6-PE-DUP1(SR6-PE-16B)	SR6-PE-16S	SR6-PE-17B	SR6-PE-17S	SR6-PE-18B	SR6-PE-18S
Sample Date	Soil Criteria	Soil Criteria	10/9/2007	10/10/2007	1/28/2008	1/28/2008	10/9/2007	10/9/2007	1/28/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
PCBs													
PCB 1016	0.49	50	< 0.0073	< 0.0078	< 0.0073	< 0.0075	< 0.0078	< 0.0076	< 0.0079	< 0.0075	< 0.0086	< 0.008	< 0.01
PCB 1221	0.49	50	< 0.023	< 0.025	< 0.023	< 0.024	< 0.025	< 0.024	< 0.025	< 0.024	< 0.027	< 0.025	< 0.032
PCB 1232	0.49	50	< 0.021	< 0.022	< 0.021	< 0.021	< 0.022	< 0.022	< 0.023	< 0.021	< 0.024	< 0.023	< 0.029
PCB 1242	0.49	50	< 0.012	< 0.013	< 0.012	< 0.012	< 0.013	< 0.013	< 0.013	< 0.012	< 0.014	< 0.013	< 0.017
PCB 1248	0.49	50	< 0.013	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.016	< 0.015	< 0.019
PCB 1254	0.49	50	< 0.018	< 0.019	< 0.018	< 0.019	< 0.019	< 0.019	< 0.02	< 0.019	< 0.021	< 0.02	< 0.025
PCB 1260	0.49	50	< 0.0078	< 0.0083	< 0.0078	< 0.0079	< 0.0083	< 0.0081	< 0.0084	< 0.0079	< 0.0091	< 0.0085	< 0.011
Total PCBs	0.49	50	0	0	0	0	0	0	0	0	0	0	0
Metals													
Aluminum	NS	NS	20400	14100	10500 J	9230 J	17500	16300	12700 J	14500	13500 J	18800	12900
Antimony	14	NS	< 0.13 J	< 0.83 J	1.1 BJ	1.4 BJ	< 0.14 J	< 0.14 J	0.9 BJ	< 0.79 J	0.96 BJ	< 0.14 J	2 BJ
Arsenic	20	NS	3.9	4.9	2.7 J	2.5 J	5.8	3.7	2.5 J	5.7	3.4 J	5.1	4.1
Barium	700	NS	180	99.5	105 J	133 J	153	133	101	220	118	212	153
Beryllium	2	NS	0.85	0.93 J	0.29 B	0.31 B	0.92	0.71	0.44 B	0.83 J	0.51 B	0.76	0.27 B
Cadmium	39	NS	< 0.02	< 0.076	0.54 B	0.45 BJ	< 0.021	< 0.022	0.33 BJ	< 0.073	0.44 BJ	0.14 B	0.54 B
Calcium	NS	NS	1210	1300	1250	1510	1500	1480	748	1350	1130	1650	1700
Chromium	240	NS	21.9	21.1	20	19.8	24.7	21.9	16.8	17.4	18.3	21.4	21.1
Cobalt	NS	NS	10.5	7.7	9.8	10.1	28.9 J	11.8 J	7.5	19.3	8.3	9.2	8.3
Copper	600	NS	26.9 J	25.5	18.4 J	24.3 J	32 J	28.4 J	26.1	17.8	24.4	25.3 J	24.2
Iron	NS	NS	22900 J	40600 J	21000 J	19000 J	41700 J	26700 J	17100 J	35000 J	19600 J	23300 J	17700 J
Lead	400	NS	15.3 J	11.3	46.5	55.9	15.1 J	11.2 J	11.8	15.6	19.4	49.5 J	126
Magnesium	NS	NS	2540	2190	4470 J	3730 J	2300	2260	2760 J	2100	3140 J	2490	3920 J
Manganese	NS	NS	1080	840 J	415 J	422 J	1350 J	710 J	394 J	3630 J	551 J	1200	385 J
Mercury	14	NS	0.052	0.032 B	< 0.026	0.031 B	< 0.027	< 0.026	< 0.027	0.08	0.033 B	0.093	0.16
Nickel	250	NS	15.2	10.4	15.2	12.7	13.9	12.9	11.7	11.1	13.9	14.4	16.3
Potassium	NS	NS	867 BJ	764 BJ	1640 J	1500 J	995 BJ	989 BJ	870 BJ	879 BJ	917 BJ	972 BJ	1710
Selenium	63	NS	< 0.18	1.9 B	< 1.3	< 1.3	< 0.19	< 0.2	< 1.4	1.4 B	< 1.5	< 0.2	< 1.8
Silver	110	NS	< 0.085	< 0.57	< 0.26	< 0.26	< 0.089	< 0.092	< 0.28	< 0.55	< 0.3	< 0.091	< 0.35
Sodium	NS	NS	51.7 B	< 110 J	542 BJ	548 BJ	52.6 B	50 B	475 BJ	< 110 J	533 BJ	52.5 B	496 BJ
Thallium	2	NS	0.34 B	< 0.94 J	< 0.87	< 0.88	< 0.92	0.71 B	< 0.93	0.95 BJ	< 1	0.77 B	< 1.2
Vanadium	370	NS	50.1	55.2	32.5	33.2	58.2	47	30.3	49.8	30.8	45.5	37.6
Zinc	1500	NS	44.8 J	34.4	46.9 J	42.9 J	39.7 J	37.1 J	36.8 J	38.5	45.5 J	55.7 J	59.9
Other													
Solids, Percent	NS	NS	85.7	80.1	85	83.7	81.4	80.8	80	82.1	73.6	76.4	62.1

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantific
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Cri
	Value is above the Impact to Groundwater Soil Cleanup Criteri

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample ID	Direct Contact	Groundwater	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample Date	Soil Criteria	Soil Criteria	10/10/2007	1/28/2008	10/9/2007	1/29/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008	1/29/2008	2/11/2008	1/28/2008	2/11/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC															
1,1,1-Trichloroethane	210	50	< 0.00041	< 0.00043	< 0.00041	< 0.0006	< 0.00043	< 0.00052	< 0.00037	< 0.00046	< 0.00086	< 0.00075	< 0.00046	< 0.00056	< 0.00084
1,1,2,2-Tetrachloroethane	34	1	< 0.00032	< 0.00033	< 0.00032	< 0.00047	< 0.00033	< 0.0004	< 0.00029	< 0.00036	< 0.00067	< 0.00058	< 0.00036	< 0.00044	< 0.00066
1,1,2-Trichloroethane	22	1	< 0.00032	< 0.00033	< 0.00032	< 0.00047	< 0.00033	< 0.0004	< 0.00029	< 0.00036	< 0.00067	< 0.00058	< 0.00036	< 0.00044	< 0.00066
1,1-Dichloroethane	570	10	< 0.00076	< 0.00078	< 0.00076	< 0.0011	< 0.00078	< 0.00095	< 0.00069	< 0.00085	< 0.0016	< 0.0014	< 0.00084	< 0.001	< 0.0015
1,1-Dichloroethene	8	10	< 0.00051	< 0.00052	< 0.00051	< 0.00074	< 0.00052	< 0.00064	< 0.00046	< 0.00057	< 0.0011	< 0.00092	< 0.00056	< 0.0007	< 0.001
1,2,4-Trichlorobenzene	68	100	< 0.00039	< 0.0004	< 0.00039	< 0.00056	< 0.0004	< 0.00049	< 0.00035	< 0.00043	< 0.00081	< 0.0007	< 0.00043	< 0.00053	< 0.00079
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.001	< 0.0011	< 0.001	< 0.0015	< 0.0011	< 0.0013	< 0.00093	< 0.0011	< 0.0021	< 0.0019	< 0.0011	< 0.0014	< 0.0021
1,2-Dibromoethane	NS	NS	< 0.00032	< 0.00033	< 0.00032	< 0.00046	< 0.00033	< 0.0004	< 0.00029	< 0.00036	< 0.00067	< 0.00058	< 0.00035	< 0.00044	< 0.00065
1,2-Dichlorobenzene	5100	50	< 0.0003	< 0.00031	< 0.0003	< 0.00044	< 0.00031	< 0.00038	< 0.00028	< 0.00034	< 0.00063	< 0.00055	< 0.00034	< 0.00042	< 0.00062
1,2-Dichloroethane	6	1	< 0.00026	< 0.00027	< 0.00026	< 0.00038	< 0.00027	< 0.00033	< 0.00023	< 0.00029	< 0.00054	< 0.00047	< 0.00029	< 0.00035	< 0.00053
1,2-Dichloropropane	10	NS	< 0.00045	< 0.00047	< 0.00045	< 0.00066	< 0.00047	< 0.00057	< 0.00041	< 0.0005	< 0.00094	< 0.00082	< 0.0005	< 0.00062	< 0.00092
1,3-Dichlorobenzene	5100	100	< 0.0004	< 0.00041	< 0.0004	< 0.00058	< 0.00042	< 0.00051	< 0.00036	< 0.00045	< 0.00084	< 0.00073	< 0.00044	< 0.00055	< 0.00082
1,4-Dichlorobenzene	570	100	< 0.00033	< 0.00034	< 0.00033	< 0.00048	< 0.00034	< 0.00041	< 0.0003	< 0.00037	< 0.00069	< 0.0006	< 0.00036	< 0.00045	< 0.00067
2-Butanone (MEK)	1000	50	< 0.0031	< 0.0032	< 0.0031	< 0.0045	< 0.0032	< 0.0039	< 0.0028	< 0.0035	< 0.0065	< 0.0056	< 0.0034	< 0.0042	< 0.0063
2-Hexanone	NS	NS	< 0.0019	< 0.002	< 0.0019	< 0.0027	< 0.002	< 0.0024	< 0.0017	< 0.0021	< 0.004	< 0.0034	< 0.0021	< 0.0026	< 0.0039
4-methyl-2-pentanone (MIBK)	1000	50	< 0.0022	< 0.0022	< 0.0022	< 0.0032	< 0.0022	< 0.0027	< 0.002	< 0.0024	< 0.0045	< 0.0039	< 0.0024	< 0.003	< 0.0044
Acetone	1000	100	< 0.0045	< 0.0046	< 0.0045	0.0089 J	< 0.0046	< 0.0056	< 0.0041	< 0.005	0.0214 J	< 0.0081	< 0.005	0.021	< 0.0092
Benzene	3	1	< 0.0008	< 0.00082	< 0.00079	< 0.0012	< 0.00082	< 0.001	< 0.00072	< 0.00089	< 0.0017	< 0.0014	< 0.00088	< 0.0011	< 0.0016
Bromodichloromethane	11	1	< 0.00027	< 0.00028	< 0.00027	< 0.0004	< 0.00028	< 0.00034	< 0.00025	< 0.0003	< 0.00057	< 0.0005	< 0.0003	< 0.00037	< 0.00056
Bromoform	86	1	< 0.0009	< 0.00092	< 0.0009	< 0.0013	< 0.00093	< 0.0011	< 0.00081	< 0.001	< 0.0019	< 0.0016	< 0.00099	< 0.0012	< 0.0018
Bromomethane	79	1	< 0.00053	< 0.00055	< 0.00053	< 0.00077	< 0.00055	< 0.00067	< 0.00048	< 0.00059	< 0.0011	< 0.00097	< 0.00059	< 0.00073	< 0.0011
Carbon disulfide	NS	NS	< 0.00032	< 0.00033	< 0.00032	< 0.00046	< 0.00033	< 0.0004	< 0.00029	< 0.00036	< 0.00067	< 0.00058	< 0.00035	< 0.00044	< 0.00065
Carbon tetrachloride	2	1	< 0.00027	< 0.00028	< 0.00027	< 0.0004	< 0.00028	< 0.00034	< 0.00025	< 0.0003	< 0.00057	< 0.0005	< 0.0003	< 0.00037	< 0.00056
Chlorobenzene	37	1	< 0.00061	< 0.00063	< 0.00061	< 0.00089	< 0.00063	< 0.00077	< 0.00056	< 0.00068	< 0.0013	< 0.0011	< 0.00068	< 0.00084	< 0.0012
Chloroethane	NS	NS	< 0.00057	< 0.00059	< 0.00057	< 0.00083	< 0.00059	< 0.00072	< 0.00052	< 0.00064	< 0.0012	< 0.001	< 0.00063	< 0.00078	< 0.0012
Chloroform	19	1	< 0.00044	< 0.00045	< 0.00043	< 0.00063	< 0.00045	< 0.00055	< 0.00039	< 0.00048	< 0.00091	< 0.00079	< 0.00048	< 0.00059	< 0.00089
Chloromethane	520	10	< 0.00058	< 0.00059	< 0.00058	< 0.00084	< 0.00059	< 0.00072	< 0.00052	< 0.00064	< 0.0012	< 0.001	< 0.00064	< 0.00079	< 0.0012
cis-1,2-Dichloroethene	79	1	< 0.00021	< 0.00022	< 0.00021	< 0.00031	< 0.00022	< 0.00026	< 0.00019	< 0.00024	< 0.00044	< 0.00038	< 0.00023	< 0.00029	< 0.00043
cis-1,3-Dichloropropene	4	1	< 0.00055	< 0.00057	< 0.00055	< 0.0008	< 0.00057	< 0.00069	< 0.0005	< 0.00061	< 0.0011	< 0.001	< 0.00061	< 0.00075	< 0.0011
Cyclohexane	NS	NS	< 0.00043	< 0.00044	< 0.00043	< 0.00063	< 0.00045	< 0.00054	< 0.00039	< 0.00048	< 0.0009	< 0.00078	< 0.00048	< 0.00059	< 0.00088
Dibromochloromethane	110	1	< 0.00023	< 0.00024	< 0.00023	< 0.00033	< 0.00024	< 0.00029	< 0.00021	< 0.00026	< 0.00048	< 0.00042	< 0.00025	< 0.00031	< 0.00047
Dichlorodifluoromethane	NS	NS	< 0.00045	< 0.00046	< 0.00045	< 0.00065	< 0.00046	< 0.00056	< 0.0004	< 0.0005	< 0.00093	< 0.00081	< 0.00049	< 0.00061	< 0.00091
Ethylbenzene	1000	100	< 0.00053	< 0.00055	< 0.00053	< 0.00077	< 0.00055	< 0.00067	< 0.00048	< 0.00059	< 0.0011	< 0.00096	< 0.00059	< 0.00072	< 0.0011
Freon 113	NS	NS	< 0.00041	< 0.00042	< 0.00041	< 0.00059	< 0.00042	< 0.00051	< 0.00037	< 0.00045	< 0.00085	< 0.00074	< 0.00045	< 0.00056	< 0.00083
Isopropylbenzene	NS	NS	< 0.00033	< 0.00034	< 0.00033	< 0.00048	< 0.00034	< 0.00041	< 0.0003	< 0.00037	< 0.00068	< 0.00059	< 0.00036	< 0.00045	< 0.00067
Methyl acetate	NS	NS	< 0.0034	< 0.0035	< 0.0034	< 0.005	< 0.0035	< 0.0043	< 0.0031	< 0.0038	< 0.0071	< 0.0062	< 0.0038	< 0.0047	< 0.007
Methyl tert butyl ether	NS	NS	< 0.00069	< 0.00071	< 0.00069	< 0.001	< 0.00071	< 0.00087	< 0.00063	< 0.00077	< 0.0014	< 0.0013	< 0.00076	< 0.00094	< 0.0014
Methylcyclohexane	NS	NS	< 0.00055	< 0.00057	< 0.00055	< 0.0008	< 0.00057	< 0.00069	< 0.0005	< 0.00061	< 0.0012	< 0.001	< 0.00061	< 0.00075	< 0.0011
Methylene chloride	49	1	< 0.00052	< 0.00053	< 0.00052	< 0.00075	< 0.00053	< 0.00065	< 0.00047	< 0.00058	0.004 J	< 0.00094	< 0.00057	0.0017 J	0.005 J
o-Xylene	NS	NS	< 0.00028	< 0.00029	< 0.00028	< 0.00041	< 0.00029	< 0.00036	< 0.00026	< 0.00032	< 0.00059	< 0.00051	< 0.00031	< 0.00039	< 0.00058
Styrene	23	100	< 0.00025	< 0.00026	< 0.00025	< 0.00036	< 0.00026	< 0.00031	< 0.00023	< 0.00028	< 0.00052	< 0.00045	< 0.00028	< 0.00034	< 0.00051
Tetrachloroethene	4	1	< 0.00037	< 0.00038	< 0.00036	< 0.00053	< 0.00038	< 0.00046	< 0.00033	< 0.00041	< 0.00076	< 0.00066	< 0.0004	< 0.0005	< 0.00074
Toluene	1000	500	< 0.00046	< 0.00047	< 0.00046	< 0.00067	< 0.00048	< 0.00058	< 0.00042	< 0.00051	< 0.00096	< 0.00084	< 0.00051	< 0.00063	< 0.00094
Trans-1,2-dichloroethene	1000	50	< 0.00061	< 0.00063	< 0.00061	< 0.00088	< 0.00063	< 0.00076	< 0.00055	< 0.00068	< 0.0013	< 0.0011	< 0.00067	< 0.00083	< 0.0012
trans-1,3-Dichloropropene	4	1	< 0.00088	< 0.00091	< 0.00088	< 0.0013	< 0.00091	< 0.0011	< 0.0008	< 0.00099	< 0.0018	< 0.0016	< 0.00098	< 0.0012	< 0.0018
Trichloroethene	23	1	< 0.00036	< 0.00037	< 0.00036	< 0.00052	< 0.00037	< 0.00045	< 0.00032	< 0.0004	< 0.00074	< 0.00064	< 0.00039	< 0.00049	< 0.00073
Trichlorofluoromethane	NS	NS	< 0.00051	< 0.00053	< 0.00051	< 0.00075	< 0.00053	< 0.00065	< 0.00047	< 0.00057	< 0.0011	< 0.00093	< 0.00057	< 0.0007	< 0.001
Vinyl Chloride	2	10	< 0.00061	< 0.00063	< 0.00061	< 0.00088	< 0.00063	< 0.00076	< 0.00055	< 0.00068	< 0.0013	< 0.0011	< 0.00067	< 0.00083	< 0.0012
Xylene, -m,p	NS	NS	< 0.00054	< 0.00055	< 0.00053	< 0.00078	< 0.00055	< 0.00067	< 0.00049	< 0.0006	< 0.0011	< 0.00097	< 0.00059	< 0.00073	< 0.0011
Xylenes	410	67	< 0.00028	< 0.00029	< 0.00028	< 0.00041	< 0.00029	< 0.00036	< 0.00026	< 0.00032	< 0.00059	< 0.00051	< 0.00031	< 0.00039	< 0.00058
Total TIC, Volatile	NS	NS	0	0	0	0	0	0	0	0	0	68 J	0	0	0

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample ID	Direct Contact	Groundwater	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample Date	Soil Criteria	Soil Criteria	10/10/2007	1/28/2008	10/9/2007	1/29/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008	1/29/2008	2/11/2008	1/28/2008	2/11/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC															
1,1'-Biphenyl	NS	NS	< 0.011	< 0.011	< 0.011	< 0.013	< 0.012	< 0.012	< 0.01	< 0.011	< 0.013	< 0.029	< 0.011	< 0.025	< 0.012
2,4,5-Trichlorophenol	5600	50	< 0.075	< 0.079	< 0.077	< 0.092	< 0.081	< 0.084	< 0.071	< 0.077	< 0.09	< 0.2	< 0.074	< 0.17	< 0.083
2,4,6-Trichlorophenol	62	10	< 0.079	< 0.084	< 0.082	< 0.098	< 0.086	< 0.09	< 0.076	< 0.081	< 0.096	< 0.22	< 0.079	< 0.18	< 0.088
2,4-Dichlorophenol	170	10	< 0.041	< 0.043	< 0.042	< 0.051	< 0.044	< 0.046	< 0.039	< 0.042	< 0.049	< 0.11	< 0.041	< 0.094	< 0.045
2,4-Dimethylphenol	1100	10	< 0.048	< 0.051	< 0.049	< 0.059	< 0.052	< 0.054	< 0.046	< 0.049	< 0.058	< 0.13	< 0.048	< 0.11	< 0.053
2,4-Dinitrophenol	110	10	< 0.043	< 0.046	< 0.044	< 0.054	< 0.047	< 0.049	< 0.041	< 0.044	< 0.052	< 0.12	< 0.043	< 0.1	< 0.048
2,4-Dinitrotoluene	1	10	< 0.013	< 0.013	< 0.013	< 0.016	< 0.014	< 0.014	< 0.012	< 0.013	< 0.015	< 0.035	< 0.013	< 0.029	< 0.014
2,6-Dinitrotoluene	1	10	< 0.016	< 0.017	< 0.016	< 0.019	< 0.017	< 0.018	< 0.015	< 0.016	< 0.019	< 0.043	< 0.016	< 0.036	< 0.017
2-Chloronaphthalene	NS	NS	< 0.012	< 0.013	< 0.012	< 0.015	< 0.013	< 0.013	< 0.011	< 0.012	< 0.014	< 0.032	< 0.012	< 0.027	< 0.013
2-Chlorophenol	280	10	< 0.025	< 0.027	< 0.026	< 0.031	< 0.027	< 0.028	< 0.024	< 0.026	< 0.03	< 0.068	< 0.025	< 0.058	< 0.028
2-Methylnaphthalene	NS	NS	< 0.035	< 0.037	< 0.036	< 0.044	< 0.038	< 0.04	< 0.034	< 0.036	< 0.043	< 0.096	< 0.035	< 0.081	< 0.039
2-Methylphenol	2800	NS	< 0.038	< 0.04	< 0.039	< 0.047	< 0.041	< 0.043	< 0.036	< 0.039	< 0.046	< 0.1	< 0.038	< 0.088	< 0.042
2-Nitroaniline	NS	NS	< 0.025	< 0.026	< 0.026	< 0.031	< 0.027	< 0.028	< 0.024	< 0.026	< 0.03	< 0.068	< 0.025	< 0.057	< 0.028
2-Nitrophenol	NS	NS	< 0.046	< 0.048	< 0.047	< 0.056	< 0.05	< 0.051	< 0.043	< 0.047	< 0.055	< 0.12	< 0.045	< 0.1	< 0.051
3&4-Methylphenol	NS	NS	< 0.049	< 0.052	< 0.05	< 0.06	< 0.053	< 0.055	< 0.046	< 0.05	< 0.059	< 0.13	< 0.049	< 0.11	< 0.054
3,3'-Dichlorobenzidine	2	100	< 0.028	< 0.03	< 0.029	< 0.035	< 0.031	< 0.032	< 0.027	< 0.029	< 0.034	< 0.078	< 0.028	< 0.066	< 0.032
3-Nitroaniline	NS	NS	< 0.026	< 0.028	< 0.027	< 0.033	< 0.029	< 0.03	< 0.025	< 0.027	< 0.032	< 0.072	< 0.026	< 0.06	< 0.029
4,6-Dinitro-2-methylphenol	NS	NS	< 0.072	< 0.076	< 0.074	< 0.089	< 0.078	< 0.081	< 0.069	< 0.074	< 0.087	< 0.2	< 0.072	< 0.17	< 0.08
4-Bromophenyl phenyl ether	NS	NS	< 0.017	< 0.018	< 0.018	< 0.021	< 0.019	< 0.019	< 0.016	< 0.018	< 0.021	< 0.047	< 0.017	< 0.04	< 0.019
4-Chloro-3-Methylphenol	10000	100	< 0.053	< 0.057	< 0.055	< 0.066	< 0.058	< 0.06	< 0.051	< 0.055	< 0.065	< 0.15	< 0.053	< 0.12	< 0.059
4-Chloroaniline	230	NS	< 0.014	< 0.015	< 0.015	< 0.018	< 0.015	< 0.016	< 0.014	< 0.015	< 0.017	< 0.039	< 0.014	< 0.033	< 0.016
4-Chlorophenyl phenyl ether	NS	NS	< 0.011	< 0.012	< 0.012	< 0.014	< 0.012	< 0.013	< 0.011	< 0.012	< 0.014	< 0.031	< 0.011	< 0.026	< 0.012
4-Nitroaniline	NS	NS	< 0.022	< 0.024	< 0.023	< 0.028	< 0.024	< 0.025	< 0.021	< 0.023	< 0.027	< 0.061	< 0.022	< 0.052	< 0.025
4-Nitrophenol	NS	NS	< 0.069	< 0.073	< 0.071	< 0.086	< 0.075	< 0.078	< 0.066	< 0.071	< 0.084	< 0.19	< 0.069	< 0.16	< 0.077
Acenaphthene	3400	100	< 0.012	< 0.013	< 0.013	< 0.015	< 0.014	< 0.014	< 0.012	< 0.013	< 0.015	< 0.034	< 0.012	< 0.029	< 0.014
Acenaphthylene	NS	NS	< 0.008	< 0.0085	< 0.0082	< 0.0099	< 0.0087	< 0.009	< 0.0076	< 0.0082	< 0.0096	< 0.022	< 0.008	< 0.018	< 0.0089
Acetophenone	NS	NS	< 0.012	< 0.013	< 0.012	< 0.015	< 0.013	< 0.013	< 0.011	< 0.012	< 0.014	< 0.033	< 0.012	< 0.027	< 0.013
Anthracene	10000	100	< 0.036	< 0.038	< 0.037	< 0.045	< 0.039	< 0.041	< 0.034	< 0.037	< 0.044	< 0.099	< 0.036	< 0.083	< 0.04
Atrazine	NS	NS	< 0.023	< 0.024	< 0.023	< 0.028	< 0.025	< 0.025	< 0.021	< 0.023	< 0.027	< 0.062	< 0.022	< 0.052	< 0.025

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample ID	Direct Contact	Groundwater	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample Date	Soil Criteria	Soil Criteria	10/10/2007	1/28/2008	10/9/2007	1/29/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008	1/29/2008	2/11/2008	1/28/2008	2/11/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	< 0.0074	< 0.0079 R	< 0.0076	< 0.0092 R	< 0.0081	< 0.0084 R	< 0.0071	< 0.0076 R	< 0.009 R	< 0.02	< 0.0074 R	< 0.017	< 0.0083 R
Benzo(a)anthracene	0.9	500	< 0.0081	< 0.0086	< 0.0084	0.0822 J	< 0.0088	< 0.0092	< 0.0077	< 0.0083	< 0.0098	< 0.022	< 0.0081	< 0.019	< 0.009
Benzo(a)pyrene	0.66	100	< 0.019	< 0.02	< 0.02	0.0707 J	< 0.021	< 0.022	< 0.018	< 0.02 J	< 0.023	< 0.053	< 0.019	< 0.044	< 0.021
Benzo(b)fluoranthene	0.9	50	< 0.013	< 0.014	< 0.013	0.0847 J	< 0.014	< 0.015	< 0.012	< 0.013 J	< 0.016	< 0.035	< 0.013	< 0.03	< 0.014
Benzo(g,h,i)perylene	NS	NS	< 0.016	< 0.017	< 0.016	0.0353 J	< 0.017	< 0.018	< 0.015	< 0.016 J	< 0.019	< 0.043	< 0.016	< 0.036	< 0.017
Benzo(k)fluoranthene	0.9	500	< 0.017	< 0.018	< 0.017	0.07 J	< 0.018	< 0.019	< 0.016	< 0.017 J	< 0.021	< 0.046	< 0.017	< 0.039	< 0.019
Benzyl butyl phthalate	1100	100	< 0.014	< 0.015	< 0.015	< 0.018	< 0.016	< 0.016	< 0.014	< 0.015	< 0.017	< 0.039	< 0.014	< 0.033	< 0.016
bis(2-Chloroethoxy)methane	NS	NS	< 0.015	< 0.016	< 0.016	< 0.019	< 0.017	< 0.017	< 0.015	< 0.016	< 0.018	< 0.042	< 0.015	< 0.035	< 0.017
bis(2-Chloroethyl)ether	0.66	10	< 0.018	< 0.019	< 0.018	< 0.022	< 0.02	< 0.02	< 0.017	< 0.018	< 0.022	< 0.049	< 0.018	< 0.041	< 0.02
bis(2-Chloroisopropyl)ether	2300	10	< 0.023	< 0.024	< 0.024	< 0.028	< 0.025	< 0.026	< 0.022	< 0.024	< 0.028	< 0.063	< 0.023	< 0.053	< 0.026
bis(2-Ethylhexyl)phthalate	49	100	< 0.024	< 0.025	< 0.024	0.318	< 0.026	0.0645 J	< 0.023	0.0479 J	< 0.029	< 0.065	0.0528 J	< 0.054	< 0.026
Caprolactam	NS	NS	< 0.021	< 0.022	< 0.022	< 0.026	< 0.023	< 0.024	< 0.02	< 0.022	< 0.025	< 0.057	< 0.021	< 0.048	< 0.023
Carbazole	NS	NS	< 0.013	< 0.014	< 0.014	0.0194 J	< 0.014	< 0.015	< 0.013	< 0.014	< 0.016	< 0.036	< 0.013	< 0.031	< 0.015
Chrysene	9	500	< 0.016	< 0.017	< 0.016	0.0957 J	< 0.017	< 0.018	< 0.015	< 0.016	< 0.019	< 0.043	< 0.016	< 0.037	< 0.018
Dibenzo(a,h)anthracene	0.66	100	< 0.01	< 0.011	< 0.01	< 0.013 J	< 0.011	< 0.011	< 0.0096	< 0.01 J	< 0.012	< 0.028	< 0.01	< 0.023	< 0.011
Dibenzofuran	NS	NS	< 0.0077	< 0.0082	< 0.008	< 0.0096	< 0.0084	< 0.0087	< 0.0074	< 0.0079	< 0.0094	< 0.021	< 0.0077	< 0.018	< 0.0086
Diethyl phthalate	10000	50	< 0.014	< 0.015	< 0.014	< 0.017	< 0.015	< 0.016	< 0.013	< 0.014	< 0.017	< 0.038	< 0.014	< 0.032	< 0.015
Dimethyl phthalate	10000	50	< 0.011	< 0.011	< 0.011	< 0.013	< 0.012	< 0.012	< 0.01	< 0.011	< 0.013	< 0.029	< 0.011	< 0.025	< 0.012
di-n-butyl phthalate	5700	100	< 0.011	< 0.012	< 0.011	< 0.014	< 0.012	< 0.012	< 0.01	< 0.011	< 0.013	< 0.03	< 0.011	0.106 J	< 0.012
di-n-octylphthalate	1100	100	< 0.016	< 0.017	< 0.017	< 0.02 J	< 0.018	< 0.018	< 0.015	< 0.017 J	< 0.019	< 0.044	< 0.016	< 0.037	< 0.018
Fluoranthene	2300	100	< 0.0073	< 0.0077	< 0.0075	0.163	< 0.0079	0.0143 J	< 0.007	< 0.0075	< 0.0088	< 0.02	< 0.0073	< 0.017	< 0.0081
Fluorene	2300	100	< 0.0079	< 0.0084	< 0.0082	< 0.0098	< 0.0086	< 0.009	< 0.0076	< 0.0081	< 0.0096	< 0.022	< 0.0079	< 0.018	< 0.0088
Hexachlorobenzene	0.66	100	< 0.019	< 0.02	< 0.02	< 0.024	< 0.021	< 0.022	< 0.018	< 0.02	< 0.023	< 0.052	< 0.019	< 0.044	< 0.021
Hexachlorobutadiene	1	100	< 0.018	< 0.019	< 0.019	< 0.023	< 0.02	< 0.021	< 0.017	< 0.019	< 0.022	< 0.05	< 0.018	< 0.042	< 0.02
Hexachlorocyclopentadiene	400	100	< 0.018	< 0.019	< 0.019	< 0.023	< 0.02	< 0.021	< 0.017	< 0.019	< 0.022	< 0.05	< 0.018	< 0.042	< 0.02
Hexachloroethane	6	100	< 0.016	< 0.017	< 0.017	< 0.02	< 0.018	< 0.018	< 0.016	< 0.017	< 0.02	< 0.045	< 0.016	< 0.038	< 0.018
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.037	< 0.039	< 0.038	< 0.045 J	< 0.04	< 0.041	< 0.035	< 0.038 J	< 0.044	< 0.1	< 0.037	< 0.084	< 0.041
Isophrone	1100	50	< 0.013	< 0.013	< 0.013	< 0.016	< 0.014	< 0.014	< 0.012	< 0.013	< 0.015	< 0.035	< 0.013	< 0.029	< 0.014
Naphthalene	230	100	< 0.0089	< 0.0094	< 0.0091	< 0.011	< 0.0097	< 0.01	< 0.0085	< 0.0091	< 0.011	< 0.024	< 0.0089	< 0.02	< 0.0099
Nitrobenzene	28	50	< 0.013	< 0.014	< 0.014	< 0.016	< 0.014	< 0.015	< 0.013	< 0.014	< 0.016	< 0.036	< 0.013	< 0.03	< 0.015
N-Nitroso-di-n-Propylamine	0.66	10	< 0.013	< 0.014	< 0.014	< 0.017	< 0.015	< 0.015	< 0.013	< 0.014	< 0.016	< 0.037	< 0.013	< 0.031	< 0.015
N-Nitrosodiphenylamine	140	1000	< 0.0086	< 0.0092	< 0.0089	< 0.011	< 0.0094	< 0.0098	< 0.0082	< 0.0089	< 0.01	< 0.024	< 0.0086	< 0.02	< 0.0096
Pentachlorophenol	6	100	< 0.041	< 0.044 J	< 0.042	< 0.051	< 0.045	< 0.047 J	< 0.039	< 0.042	< 0.05	< 0.11	< 0.041 J	< 0.095	< 0.046
Phenanthrene	NS	NS	< 0.0098	< 0.01	< 0.01	0.0822 J	< 0.011	< 0.011	< 0.0094	< 0.01	< 0.012	< 0.027	< 0.0098	< 0.023	< 0.011
Phenol	10000	50	< 0.037	< 0.039	< 0.038	< 0.045	< 0.04	< 0.041	< 0.035	< 0.038	< 0.044	< 0.1	< 0.037	< 0.085	< 0.041
Pyrene	1700	100	< 0.014	< 0.014	< 0.014	0.165	< 0.015	0.0193 J	< 0.013	0.0182 J	< 0.017	< 0.037	< 0.014	< 0.031	< 0.015
Total TIC, Semi-Volatile	NS	NS	0	6.04 J	1.68 J	8.18 J	0.42 J	12.55 J	1.05 J	4.93 J	0.93 J	2.03 J	0.18 J	0.65 J	0.78 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample ID	Direct Contact	Groundwater	SR6-PE-19B	SR6-PE-19S	SR6-PE-20B	SR6-PE-20S	SR6-PE-21B	SR6-PE-21S	SR6-PE-22B	SR6-PE-22S	SR6-PE-23B	SR6-PE-23S	SR6-PE-24B	SR6-PE-24S	SR6-PE-25B
Sample Date	Soil Criteria	Soil Criteria	10/10/2007	1/28/2008	10/9/2007	1/29/2008	10/10/2007	1/28/2008	10/9/2007	1/29/2008	1/29/2008	2/11/2008	1/28/2008	2/11/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
PCBs															
PCB 1016	0.49	50	< 0.0076	< 0.0079	< 0.0074	< 0.0093	< 0.0079	< 0.0084	< 0.007	< 0.0077	< 0.0089	< 0.01	< 0.0074	< 0.0086	< 0.0082
PCB 1221	0.49	50	< 0.024	< 0.025	< 0.023	< 0.029	< 0.025	< 0.027	< 0.022	< 0.024	< 0.028	< 0.032	< 0.023	< 0.027	< 0.026
PCB 1232	0.49	50	< 0.022	< 0.023	< 0.021	< 0.026	< 0.022	< 0.024	< 0.02	< 0.022	< 0.025	< 0.029	< 0.021	< 0.025	< 0.023
PCB 1242	0.49	50	< 0.013	< 0.013	< 0.012	< 0.015	< 0.013	< 0.014	< 0.012	< 0.013	< 0.015	< 0.017	< 0.012	< 0.014	< 0.014
PCB 1248	0.49	50	< 0.014	< 0.014	< 0.013	< 0.017	< 0.014	< 0.015	< 0.013	< 0.014	< 0.016	< 0.018	< 0.013	< 0.016	< 0.015
PCB 1254	0.49	50	< 0.019	< 0.02	< 0.018	< 0.023	< 0.02	< 0.021	< 0.018	0.299	< 0.022	< 0.025	< 0.018	< 0.021	< 0.02
PCB 1260	0.49	50	< 0.008	< 0.0084	< 0.0078	< 0.0098	< 0.0084	< 0.0089	< 0.0075	< 0.0082	< 0.0094	< 0.011	< 0.0078	< 0.0091	< 0.0087
Total PCBs	0.49	50	0	0	0	0	0	0	0	0.299	0	0	0	0	0
Metals															
Aluminum	NS	NS	16100	14100 J	14300	14000	16900	15000 J	7820	13500	15200	18000	17100 J	17100	15700
Antimony	14	NS	< 0.77 J	0.95 BJ	< 0.14 J	1.7 BJ	< 0.83 J	1.4 BJ	< 0.13 J	1.8 BJ	< 0.95 J	< 0.4 J	2 BJ	< 0.33 J	1.1 BJ
Arsenic	20	NS	5.9	2.2 BJ	4.3	3.2	6.5	3.1 J	2.4	2.3 B	3.2	2.7 B	4.9 J	6.2	2.8
Barium	700	NS	88	52.6	94	150	211	97.3	45.9	86.8	79.5	109	79.3	74	76.7
Beryllium	2	NS	0.44 BJ	0.35 B	0.58 B	0.23 B	0.99 J	0.32 B	0.22 B	0.26 B	0.41 B	0.66 B	0.77	0.54 B	0.48 B
Cadmium	39	NS	< 0.071	0.36 BJ	0.05 B	0.98	< 0.077	0.46 BJ	< 0.02	0.51 B	0.15 B	0.39 B	0.49 BJ	0.38 B	0.21 B
Calcium	NS	NS	691	606 B	1430	1680	1430	1320	425 B	1260	1100	2520	1200	1620	1080
Chromium	240	NS	18.8	16.1	22.1	28.3	21	20.4	10	28.8	18.8	20.7	23.1	23.6	19.4
Cobalt	NS	NS	5.6 B	5.3 B	9.5	12.3	28.9	8.1	3.6 B	12.1	3.8 B	6.7 B	7.1	4.2 B	5 B
Copper	600	NS	18.4	18	29.8 J	27.7	20	24.2	8 J	29.7	24.4	19.7	29.3	24.7	18.4
Iron	NS	NS	32200 J	19200 J	26100 J	24700 J	56700 J	20300 J	13500 J	26300 J	16400 J	19900 J	27700 J	27600 J	18300 J
Lead	400	NS	8.2	8.2	17.6 J	48.1	17.7	29.8	8.3 J	17.5	8.2	24.4	8	13.8	7.7
Magnesium	NS	NS	2120	2920 J	2970	5740 J	2050	3830 J	1470	5640 J	2050 J	2290	3070 J	2620	2320 J
Manganese	NS	NS	349 J	127 J	516	323 J	4200 J	224 J	160	263 J	108 J	318 J	293 J	155 J	113 J
Mercury	14	NS	0.12	0.037 B	0.038	0.063	0.065	0.09	0.025 B	0.039	< 0.028	0.062	< 0.025	< 0.03	< 0.028
Nickel	250	NS	9.8	14.5	17.1	25.3	10.2	14.8	6.8	20.3	9.9	11.1	15.3	11.8	10.9
Potassium	NS	NS	733 BJ	700 BJ	796 BJ	2990	836 BJ	1630 J	432 BJ	2300	936 B	1120 B	1190 BJ	1080 B	1000 B
Selenium	63	NS	< 1.3	< 1.4	< 0.19	< 1.7	1.9 B	< 1.5	< 0.18	< 1.4	< 1.6	0.84 B	< 1.3	0.81 B	< 1.4
Silver	110	NS	< 0.53	< 0.28	< 0.091	< 0.33	< 0.58	< 0.3	< 0.084	< 0.28	< 0.32	< 0.18	< 0.26	< 0.15	< 0.28
Sodium	NS	NS	< 110 J	517 BJ	51.1 B	634 BJ	< 120 J	539 BJ	35.4 B	639 BJ	418 BJ	71.6 B	683 BJ	56.7 B	444 BJ
Thallium	2	NS	< 0.88 J	< 0.93	0.53 B	< 1.1	< 0.95 J	< 0.99	< 0.18	< 0.93	1.2 B	< 0.22	0.91 B	< 0.18	< 0.93
Vanadium	370	NS	37.9	29.9	48.2	47.9	71.2	39.5	27.2	48.7	34.4	45.8	39.9	51.5	31.6
Zinc	1500	NS	26.2	41.2 J	46.9 J	87.9	40.2	55 J	19.3 J	48.7	33	49.4	43.7 J	45.8	31
Other															
Solids, Percent	NS	NS	83.3	79.5	82	68.5	78	74.4	87.3	82.1	69.9	61.3	84.5	72.7	76.3

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantific
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Cri
	Value is above the Impact to Groundwater Soil Cleanup Criteri

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S	SR6-PE-31B	SR6-PE-32B
Sample ID	Direct Contact	Groundwater	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S-073008	SR6-PE-31B	SR6-PE-32B
Sample Date	Soil Criteria	Soil Criteria	2/11/2008	1/28/2008	4/21/2008	1/28/2008	1/29/2008	4/21/2008	1/29/2008	4/22/2008	1/28/2008	4/21/2008	7/30/2008	1/29/2008	1/28/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC															
1,1,1-Trichloroethane	210	50	< 0.00067	< 0.00045	< 0.00066	< 0.00047	< 0.00036	< 0.0005	< 0.00046	< 0.00054	< 0.00045	< 0.00049	NA	< 0.00044	< 0.00048
1,1,2,2-Tetrachloroethane	34	1	< 0.00052	< 0.00035	< 0.00032	< 0.00037	< 0.00028	< 0.00024	< 0.00036	< 0.00026	< 0.00035	< 0.00024	NA	< 0.00034	< 0.00038
1,1,2-Trichloroethane	22	1	< 0.00052	< 0.00035	< 0.00032	< 0.00037	< 0.00028	< 0.00024	< 0.00036	< 0.00026	< 0.00035	< 0.00024	NA	< 0.00034	< 0.00038
1,1-Dichloroethane	570	10	< 0.0012	< 0.00083	< 0.00049	< 0.00087	< 0.00066	< 0.00037	< 0.00084	< 0.0004	< 0.00083	< 0.00037	NA	< 0.0008	< 0.00089
1,1-Dichloroethene	8	10	< 0.00082	< 0.00056	< 0.00066	< 0.00058	< 0.00044	< 0.0005	< 0.00056	< 0.00054	< 0.00055	< 0.00049	NA	< 0.00054	< 0.00059
1,2,4-Trichlorobenzene	68	100	< 0.00062	< 0.00042	< 0.00053	< 0.00044	< 0.00034	< 0.0004	< 0.00043	< 0.00043	< 0.00042	< 0.00039	NA	< 0.00041	< 0.00045
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.0017	< 0.0011	< 0.0019	< 0.0012	< 0.00089	< 0.0014	< 0.0011	< 0.0015	< 0.0011	< 0.0014	NA	< 0.0011	< 0.0012
1,2-Dibromoethane	NS	NS	< 0.00052	< 0.00035	< 0.00051	< 0.00037	< 0.00028	< 0.00038	< 0.00036	< 0.00041	< 0.00035	< 0.00038	NA	< 0.00034	< 0.00037
1,2-Dichlorobenzene	5100	50	< 0.00049	< 0.00033	< 0.00046	< 0.00035	< 0.00026	< 0.00035	< 0.00034	< 0.00038	< 0.00033	< 0.00035	NA	< 0.00032	< 0.00036
1,2-Dichloroethane	6	1	< 0.00042	< 0.00028	< 0.00054	< 0.0003	< 0.00023	< 0.00041	< 0.00029	< 0.00044	< 0.00028	< 0.0004	NA	< 0.00027	< 0.0003
1,2-Dichloropropane	10	NS	< 0.00073	< 0.00049	< 0.00049	< 0.00052	< 0.00039	< 0.00037	< 0.0005	< 0.0004	< 0.00049	< 0.00037	NA	< 0.00048	< 0.00053
1,3-Dichlorobenzene	5100	100	< 0.00065	< 0.00044	< 0.00038	< 0.00046	< 0.00035	< 0.00029	< 0.00045	< 0.00031	< 0.00044	< 0.00028	NA	< 0.00042	< 0.00047
1,4-Dichlorobenzene	570	100	< 0.00053	< 0.00036	< 0.00039	< 0.00038	< 0.00029	< 0.0003	< 0.00036	< 0.00032	< 0.00036	< 0.00029	NA	< 0.00035	< 0.00038
2-Butanone (MEK)	1000	50	0.009 J	< 0.0034	< 0.0028	< 0.0035	< 0.0027	< 0.0021	< 0.0034	< 0.0023	< 0.0034	< 0.0021	NA	0.0076 J	< 0.0036
2-Hexanone	NS	NS	< 0.0031	< 0.0021	< 0.0024	< 0.0022	< 0.0016	< 0.0018	< 0.0021	< 0.002	< 0.0021	< 0.0018	NA	< 0.002	< 0.0022
4-methyl-2-pentanone (MIBK)	1000	50	< 0.0035	< 0.0024	< 0.003	< 0.0025	< 0.0019	< 0.0023	< 0.0024	< 0.0024	< 0.0024	< 0.0022	NA	< 0.0023	< 0.0025
Acetone	1000	100	0.0254	< 0.0049	< 0.0027	< 0.0051	< 0.0039	< 0.002	< 0.005	< 0.0022	< 0.0049	< 0.002	NA	0.057	0.0605
Benzene	3	1	< 0.0013	< 0.00087	< 0.00044	< 0.00091	< 0.00069	< 0.00034	< 0.00088	< 0.00036	< 0.00087	< 0.00033	NA	< 0.00084	< 0.00093
Bromodichloromethane	11	1	< 0.00044	< 0.0003	< 0.00033	< 0.00031	< 0.00024	< 0.00025	< 0.0003	< 0.00027	< 0.0003	< 0.00024	NA	< 0.00029	< 0.00032
Bromoform	86	1	< 0.0014	< 0.00098	< 0.00042	< 0.001	< 0.00078	< 0.00032	< 0.001	< 0.00034	< 0.00098	< 0.00031	NA	< 0.00095	< 0.001
Bromomethane	79	1	< 0.00086	< 0.00058	< 0.0011	< 0.00061	< 0.00046	< 0.00084	< 0.00059	< 0.0009	< 0.00058	< 0.00083	NA	< 0.00056	< 0.00062
Carbon disulfide	NS	NS	< 0.00051	< 0.00035	< 0.00063	< 0.00036	< 0.00028	< 0.00048	< 0.00035	< 0.00051	< 0.00035	< 0.00047	NA	< 0.00034	< 0.00037
Carbon tetrachloride	2	1	< 0.00044	< 0.0003	< 0.0012	< 0.00031	< 0.00024	< 0.00089	< 0.0003	< 0.00096	< 0.0003	< 0.00088	NA	< 0.00029	< 0.00032
Chlorobenzene	37	1	< 0.00099	< 0.00067	< 0.00037	< 0.0007	< 0.00053	< 0.00028	< 0.00068	< 0.0003	< 0.00067	< 0.00028	NA	< 0.00065	< 0.00072
Chloroethane	NS	NS	< 0.00092	< 0.00062	< 0.00085	< 0.00065	< 0.0005	< 0.00065	< 0.00063	< 0.0007	< 0.00062	< 0.00064	NA	< 0.0006	< 0.00067
Chloroform	19	1	< 0.0007	< 0.00048	< 0.00058	< 0.0005	< 0.00038	< 0.00044	< 0.00048	< 0.00048	< 0.00047	< 0.00044	NA	< 0.00046	< 0.00051
Chloromethane	520	10	< 0.00093	< 0.00063	< 0.00089	< 0.00066	< 0.0005	< 0.00067	< 0.00064	< 0.00072	< 0.00063	< 0.00066	NA	< 0.00061	< 0.00067
cis-1,2-Dichloroethene	79	1	< 0.00034	< 0.00023	< 0.00045	< 0.00024	< 0.00018	< 0.00034	< 0.00023	< 0.00037	< 0.00023	< 0.00034	NA	< 0.00022	< 0.00025
cis-1,3-Dichloropropene	4	1	< 0.00089	< 0.0006	< 0.00031	< 0.00063	< 0.00048	< 0.00023	< 0.00061	< 0.00025	< 0.0006	< 0.00023	NA	< 0.00058	< 0.00064
Cyclohexane	NS	NS	< 0.0007	< 0.00047	< 0.00045	< 0.00049	< 0.00038	< 0.00034	< 0.00048	< 0.00037	< 0.00047	< 0.00034	NA	< 0.00045	< 0.0005
Dibromochloromethane	110	1	< 0.00037	< 0.00025	< 0.00034	< 0.00026	< 0.0002	< 0.00026	< 0.00026	< 0.00028	< 0.00025	< 0.00025	NA	< 0.00024	< 0.00027
Dichlorodifluoromethane	NS	NS	< 0.00072	< 0.00049	< 0.002	< 0.00051	< 0.00039	< 0.0015	< 0.0005	< 0.0016	< 0.00049	< 0.0015	NA	< 0.00047	< 0.00052
Ethylbenzene	1000	100	< 0.00085	< 0.00058	< 0.00051	< 0.00061	< 0.00046	< 0.00039	< 0.00059	< 0.00041	< 0.00058	< 0.00038	NA	< 0.00056	< 0.00062
Freon 113	NS	NS	< 0.00066	< 0.00045	< 0.0013	< 0.00047	< 0.00035	< 0.001	< 0.00045	< 0.0011	< 0.00044	< 0.001	NA	< 0.00043	< 0.00048
Isopropylbenzene	NS	NS	< 0.00053	< 0.00036	< 0.00056	< 0.00037	< 0.00028	< 0.00042	< 0.00036	< 0.00046	< 0.00036	< 0.00042	NA	< 0.00035	< 0.00038
Methyl acetate	NS	NS	< 0.0055	< 0.0037	< 0.0027	< 0.0039	< 0.003	< 0.002	< 0.0038	< 0.0022	< 0.0037	< 0.002	NA	< 0.0036	< 0.004
Methyl tert butyl ether	NS	NS	< 0.0011	< 0.00076	< 0.00044	< 0.00079	< 0.0006	< 0.00034	< 0.00077	< 0.00036	< 0.00075	< 0.00033	NA	< 0.00073	< 0.00081
Methylcyclohexane	NS	NS	< 0.00089	< 0.0006	< 0.00044	< 0.00063	< 0.00048	< 0.00034	< 0.00061	< 0.00036	< 0.0006	< 0.00033	NA	< 0.00058	< 0.00064
Methylene chloride	49	1	0.0019 J	< 0.00056	< 0.00037	< 0.00059	0.0014 J	< 0.00028	< 0.00057	0.0014 J	< 0.00056	< 0.00027	NA	0.0019 J	< 0.0006
o-Xylene	NS	NS	< 0.00046	< 0.00031	< 0.00038	< 0.00032	< 0.00025	< 0.00029	< 0.00031	< 0.00031	< 0.00031	< 0.00028	NA	< 0.0003	< 0.00033
Styrene	23	100	< 0.0004	< 0.00027	< 0.00036	< 0.00029	< 0.00022	< 0.00027	< 0.00028	< 0.00029	< 0.00027	< 0.00027	NA	< 0.00026	< 0.00029
Tetrachloroethene	4	1	< 0.00059	< 0.0004	< 0.00059	< 0.00042	< 0.00032	< 0.00044	< 0.00041	< 0.00048	< 0.0004	< 0.00044	NA	< 0.00038	< 0.00043
Toluene	1000	500	< 0.00074	< 0.0005	< 0.00041	< 0.00053	< 0.0004	< 0.00031	< 0.00051	< 0.00034	< 0.0005	< 0.00031	NA	< 0.00049	< 0.00054
Trans-1,2-dichloroethene	1000	50	< 0.00098	< 0.00066	< 0.0004	< 0.00069	< 0.00053	< 0.00031	< 0.00067	< 0.00033	< 0.00066	< 0.0003	NA	< 0.00064	< 0.00071
trans-1,3-Dichloropropene	4	1	< 0.0014	< 0.00097	< 0.00031	< 0.001	< 0.00077	< 0.00024	< 0.00098	< 0.00025	< 0.00096	< 0.00023	NA	< 0.00093	< 0.001
Trichloroethene	23	1	< 0.00057	< 0.00039	< 0.00037	< 0.00041	< 0.00031	< 0.00028	< 0.00039	< 0.0003	< 0.00039	< 0.00027	NA	< 0.00037	< 0.00042
Trichlorofluoromethane	NS	NS	< 0.00083	< 0.00056	< 0.0036	< 0.00059	< 0.00045	< 0.0027	< 0.00057	< 0.0029	< 0.00056	< 0.0027	NA	< 0.00054	< 0.0006
Vinyl Chloride	2	10	< 0.00098	< 0.00067	< 0.0008	< 0.0007	< 0.00053	< 0.0006	< 0.00068	< 0.00065	< 0.00066	< 0.00059	NA	< 0.00064	< 0.00071
Xylene, -m,p	NS	NS	< 0.00086	< 0.00059	< 0.00083	< 0.00061	< 0.00047	< 0.00063	< 0.00059	< 0.00067	< 0.00058	< 0.00062	NA	< 0.00056	< 0.00063
Xylenes	410	67	< 0.00046	< 0.00031	< 0.00038	< 0.00032	< 0.00025	< 0.00029	< 0.00031	< 0.00031	< 0.00031	< 0.00028	NA	< 0.0003	< 0.00033
Total TIC, Volatile	NS	NS	26.1745 J	0	0	0	0	0	0.0285 J	0	0	0	NA	0	0.0532 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S	SR6-PE-31B	SR6-PE-32B
Sample ID	Direct Contact	Groundwater	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S-073008	SR6-PE-31B	SR6-PE-32B
Sample Date	Soil Criteria	Soil Criteria	2/11/2008	1/28/2008	4/21/2008	1/28/2008	1/29/2008	4/21/2008	1/29/2008	4/22/2008	1/28/2008	4/21/2008	7/30/2008	1/29/2008	1/28/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC															
1,1'-Biphenyl	NS	NS	< 0.025	< 0.011	< 0.012 J	< 0.011	< 0.011	< 0.01	< 0.012	< 0.01	< 0.011	< 0.01	NA	< 0.011	< 0.011
2,4,5-Trichlorophenol	5600	50	< 0.17	< 0.074	< 0.083	< 0.077	< 0.075	< 0.072	< 0.081	< 0.072	< 0.073	< 0.071	NA	< 0.08	< 0.079
2,4,6-Trichlorophenol	62	10	< 0.19	< 0.078	< 0.088	< 0.082	< 0.08	< 0.076	< 0.086	< 0.077	< 0.078	< 0.076	NA	< 0.085	< 0.084
2,4-Dichlorophenol	170	10	< 0.096	< 0.04	< 0.046	< 0.042	< 0.041	< 0.039	< 0.044	< 0.04	< 0.04	< 0.039	NA	< 0.044	< 0.043
2,4-Dimethylphenol	1100	10	< 0.11	< 0.047	< 0.053	< 0.049	< 0.048	< 0.046	< 0.052	< 0.046	< 0.047	< 0.046	NA	< 0.051	< 0.051
2,4-Dinitrophenol	110	10	< 0.1	< 0.043	< 0.048	< 0.045	< 0.044	< 0.041	< 0.047	< 0.042	< 0.043	< 0.041	NA	< 0.046	< 0.046
2,4-Dinitrotoluene	1	10	< 0.03	< 0.013	< 0.014 J	< 0.013	< 0.013	< 0.012 J	< 0.014	< 0.012	< 0.013	< 0.012 J	NA	< 0.014	< 0.013
2,6-Dinitrotoluene	1	10	< 0.037	< 0.016	< 0.018 J	< 0.016	< 0.016	< 0.015 J	< 0.017	< 0.015	< 0.015	< 0.015 J	NA	< 0.017	< 0.017
2-Chloronaphthalene	NS	NS	< 0.028	< 0.012	< 0.013 J	< 0.012	< 0.012	< 0.011	< 0.013	< 0.012	< 0.012	< 0.011	NA	< 0.013	< 0.013
2-Chlorophenol	280	10	< 0.059	< 0.025	< 0.028	< 0.026	< 0.025	< 0.024	< 0.027	< 0.024	< 0.025	< 0.024	NA	< 0.027	< 0.027
2-Methylnaphthalene	NS	NS	< 0.083	< 0.035	< 0.039 J	< 0.036	< 0.036	< 0.034	< 0.038	< 0.034	< 0.035	< 0.034	NA	< 0.038	< 0.037
2-Methylphenol	2800	NS	< 0.089	< 0.038	< 0.042	< 0.039	< 0.038	< 0.037	< 0.041	< 0.037	< 0.037	< 0.036	NA	< 0.041	< 0.04
2-Nitroaniline	NS	NS	< 0.058	< 0.025	< 0.028 J	< 0.026	< 0.025	< 0.024	< 0.027	< 0.024	< 0.025	< 0.024	NA	< 0.027	< 0.026
2-Nitrophenol	NS	NS	< 0.11	< 0.045	< 0.051	< 0.047	< 0.046	< 0.044	< 0.049	< 0.044	< 0.045	< 0.044	NA	< 0.049	< 0.048
3&4-Methylphenol	NS	NS	< 0.11	< 0.048	< 0.054	< 0.05	< 0.049	< 0.047	< 0.053	< 0.047	< 0.048	< 0.047	NA	< 0.052	< 0.052
3,3'-Dichlorobenzidine	2	100	< 0.067	< 0.028	< 0.032 J	< 0.029	< 0.029	< 0.027	< 0.031	< 0.028	< 0.028	< 0.027	NA	< 0.031	< 0.03
3-Nitroaniline	NS	NS	< 0.062	< 0.026	< 0.029 J	< 0.027	< 0.026	< 0.025	< 0.028	< 0.025	< 0.026	< 0.025	NA	< 0.028	< 0.028
4,6-Dinitro-2-methylphenol	NS	NS	< 0.17	< 0.071	< 0.08 J	< 0.074	< 0.072	< 0.069	< 0.078	< 0.07	< 0.071	< 0.069	NA	< 0.077	< 0.076
4-Bromophenyl phenyl ether	NS	NS	< 0.04	< 0.017	< 0.019 J	< 0.018	< 0.017	< 0.017	< 0.019	< 0.017	< 0.017	< 0.016	NA	< 0.018	< 0.018
4-Chloro-3-Methylphenol	10000	100	< 0.13	< 0.053	< 0.06	< 0.055	< 0.054	< 0.051	< 0.058	< 0.052	< 0.053	< 0.051	NA	< 0.057	< 0.057
4-Chloroaniline	230	NS	< 0.033	< 0.014	< 0.016 J	< 0.015	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014	< 0.014	NA	< 0.015	< 0.015
4-Chlorophenyl phenyl ether	NS	NS	< 0.026	< 0.011	< 0.013 J	< 0.012	< 0.011	< 0.011	< 0.012	< 0.011	< 0.011	< 0.011	NA	< 0.012	< 0.012
4-Nitroaniline	NS	NS	< 0.053	< 0.022	< 0.025 J	< 0.023	< 0.023	< 0.022	< 0.024	< 0.022	< 0.022	< 0.021	NA	< 0.024	< 0.024
4-Nitrophenol	NS	NS	< 0.16	< 0.068	< 0.077	< 0.071	< 0.07	< 0.066	< 0.075	< 0.067	< 0.068	< 0.066	NA	< 0.074	< 0.073
Acenaphthene	3400	100	< 0.029	< 0.012	< 0.014 J	< 0.013	< 0.013	< 0.012	< 0.014	< 0.012	< 0.012	< 0.012	NA	< 0.013	< 0.013
Acenaphthylene	NS	NS	< 0.019	< 0.0079	< 0.0089 J	< 0.0082	< 0.008	< 0.0077	< 0.0087	< 0.0077	< 0.0078	< 0.0076	NA	< 0.0086	< 0.0084
Acetophenone	NS	NS	< 0.028	< 0.012	< 0.013 J	< 0.012	< 0.012	< 0.011	< 0.013	< 0.012	< 0.012	< 0.011	NA	< 0.013	< 0.013
Anthracene	10000	100	< 0.085	< 0.036	< 0.04 J	< 0.037	< 0.036	< 0.035	< 0.039	< 0.035	< 0.036	< 0.035	NA	< 0.039	< 0.038
Atrazine	NS	NS	< 0.053	< 0.022	< 0.025 J	< 0.023	< 0.023	< 0.022	< 0.024	< 0.022	< 0.022	< 0.022	NA	< 0.024	< 0.024

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S	SR6-PE-31B	SR6-PE-32B
Sample ID	Direct Contact	Groundwater	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S-073008	SR6-PE-31B	SR6-PE-32B
Sample Date	Soil Criteria	Soil Criteria	2/11/2008	1/28/2008	4/21/2008	1/28/2008	1/29/2008	4/21/2008	1/29/2008	4/22/2008	1/28/2008	4/21/2008	7/30/2008	1/29/2008	1/28/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	< 0.017	< 0.0073 R	< 0.0083 J	< 0.0077 R	< 0.0075 R	< 0.0071	< 0.0081 R	< 0.0072	< 0.0073 R	< 0.0071	NA	< 0.008 R	< 0.0079 R
Benzo(a)anthracene	0.9	500	< 0.019	< 0.008	< 0.0091 J	< 0.0084	< 0.0082	< 0.0078	< 0.0088	0.014 J	< 0.008	< 0.0078	NA	< 0.0087	< 0.0086
Benzo(a)pyrene	0.66	100	< 0.045	< 0.019	< 0.022 J	< 0.02	< 0.019	< 0.019	< 0.021	< 0.019	< 0.019	< 0.018	NA	< 0.021	< 0.02
Benzo(b)fluoranthene	0.9	50	< 0.03	< 0.013	< 0.014 J	< 0.013	< 0.013	< 0.012	< 0.014	< 0.012	< 0.013	< 0.012	NA	< 0.014	< 0.014
Benzo(g,h,i)perylene	NS	NS	< 0.037	< 0.015	< 0.017 J	< 0.016	< 0.016	< 0.015	< 0.017	< 0.015	< 0.015	< 0.015	NA	< 0.017	< 0.017
Benzo(k)fluoranthene	0.9	500	< 0.04	< 0.017	< 0.019 J	< 0.018	< 0.017	< 0.016	< 0.018	< 0.016	< 0.017	< 0.016	NA	< 0.018	< 0.018
Benzyl butyl phthalate	1100	100	< 0.034	< 0.014	< 0.016 J	< 0.015	< 0.014	< 0.014	< 0.016	0.0428 J	< 0.014	< 0.014	NA	< 0.015	< 0.015
bis(2-Chloroethoxy)methane	NS	NS	< 0.036	< 0.015	< 0.017 J	< 0.016	< 0.015	< 0.015	< 0.017	< 0.015	< 0.015	< 0.015	NA	< 0.016	< 0.016
bis(2-Chloroethyl)ether	0.66	10	< 0.042	< 0.018	< 0.02 J	< 0.019	< 0.018	< 0.017	< 0.02	< 0.017	< 0.018	< 0.017	NA	< 0.019	< 0.019
bis(2-Chloroisopropyl)ether	2300	10	< 0.054	< 0.023	< 0.026 J	< 0.024	< 0.023	< 0.022	< 0.025	< 0.022	< 0.023	< 0.022	NA	< 0.025	< 0.024
bis(2-Ethylhexyl)phthalate	49	100	< 0.055	< 0.023	< 0.026 J	< 0.024	< 0.024	< 0.023	< 0.026	0.0754 J	< 0.023	0.684	NA	0.0481 J	0.142
Caprolactam	NS	NS	< 0.049	< 0.021	< 0.023 J	< 0.022	< 0.021	< 0.02	< 0.023	< 0.02	< 0.021	< 0.02	NA	< 0.023	< 0.022
Carbazole	NS	NS	< 0.031	< 0.013	< 0.015 J	< 0.014	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.013	NA	< 0.014	< 0.014
Chrysene	9	500	< 0.037	< 0.016	< 0.018 J	< 0.016	< 0.016	< 0.015	< 0.017	0.0156 J	< 0.016	< 0.015	NA	< 0.017	< 0.017
Dibenzo(a,h)anthracene	0.66	100	< 0.024	< 0.01	< 0.011 J	< 0.01	< 0.01	< 0.0097	< 0.011	< 0.0098	< 0.0099	< 0.0096	NA	< 0.011	< 0.011
Dibenzofuran	NS	NS	< 0.018	< 0.0076	< 0.0086 J	< 0.008	< 0.0078	< 0.0074	< 0.0084	< 0.0075	< 0.0076	< 0.0074	NA	< 0.0083	< 0.0082
Diethyl phthalate	10000	50	< 0.032	< 0.014	< 0.015 J	< 0.014	< 0.014	< 0.013	< 0.015	< 0.013	< 0.014	< 0.013	NA	< 0.015	< 0.015
Dimethyl phthalate	10000	50	< 0.025	< 0.011	< 0.012 J	< 0.011	< 0.011	< 0.01	< 0.012	< 0.01	< 0.01	< 0.01	NA	< 0.011	< 0.011
di-n-butyl phthalate	5700	100	< 0.026	< 0.011	< 0.012 J	< 0.011	< 0.011	< 0.01	< 0.012	< 0.011	< 0.011	< 0.01	NA	< 0.012	< 0.012
di-n-octylphthalate	1100	100	< 0.038	< 0.016	< 0.018 J	< 0.017	< 0.016	< 0.015	< 0.017	< 0.016	< 0.016	< 0.015	NA	< 0.017	< 0.017
Fluoranthene	2300	100	< 0.017	< 0.0072	< 0.0081 J	< 0.0075	< 0.0074	< 0.007	< 0.0079	0.0198 J	< 0.0072	< 0.007	NA	< 0.0078	< 0.0077
Fluorene	2300	100	< 0.019	< 0.0078	< 0.0088 J	< 0.0082	< 0.008	< 0.0076	< 0.0086	< 0.0077	< 0.0078	< 0.0076	NA	< 0.0085	< 0.0084
Hexachlorobenzene	0.66	100	< 0.045	< 0.019	< 0.021 J	< 0.02	< 0.019	< 0.018	< 0.021	< 0.018	< 0.019	< 0.018	NA	< 0.02	< 0.02
Hexachlorobutadiene	1	100	< 0.043	< 0.018	< 0.02 J	< 0.019	< 0.018	< 0.018	< 0.02	< 0.018	< 0.018	< 0.017	NA	< 0.02	< 0.019
Hexachlorocyclopentadiene	400	100	< 0.043	< 0.018	< 0.02 J	< 0.019	< 0.018	< 0.018	< 0.02	< 0.018	< 0.018	< 0.017	NA	< 0.02	< 0.019
Hexachloroethane	6	100	< 0.038	< 0.016	< 0.018 J	< 0.017	< 0.017	< 0.016	< 0.018	< 0.016	< 0.016	< 0.016	NA	< 0.018	< 0.017
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.086	< 0.036	< 0.041 J	< 0.038	< 0.037	< 0.035	< 0.04	< 0.036	< 0.036	< 0.035	NA	< 0.039	< 0.039
Isophrone	1100	50	< 0.03	< 0.012	< 0.014 J	< 0.013	< 0.013	< 0.012	< 0.014	< 0.012	< 0.012	< 0.012	NA	< 0.014	< 0.013
Naphthalene	230	100	< 0.021	< 0.0088	< 0.0099 J	< 0.0092	< 0.0089	< 0.0085	< 0.0096	< 0.0086	< 0.0087	< 0.0085	NA	< 0.0095	< 0.0094
Nitrobenzene	28	50	< 0.031	< 0.013	< 0.015 J	< 0.014	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.013	NA	< 0.014	< 0.014
N-Nitroso-di-n-Propylamine	0.66	10	< 0.031	< 0.013	< 0.015 J	< 0.014	< 0.014	< 0.013	< 0.015	< 0.013	< 0.013	< 0.013	NA	< 0.014	< 0.014
N-Nitrosodiphenylamine	140	1000	< 0.02	< 0.0085	< 0.0096 J	< 0.0089	< 0.0087	< 0.0083	< 0.0094	< 0.0084	< 0.0085	< 0.0083	NA	< 0.0093	< 0.0091
Pentachlorophenol	6	100	< 0.097	< 0.041 J	< 0.046	< 0.043 J	< 0.042	< 0.04	< 0.045	< 0.04	< 0.041 J	< 0.039	NA	< 0.044	< 0.044 J
Phenanthrene	NS	NS	< 0.023	< 0.0097	< 0.011 J	< 0.01	< 0.0099	< 0.0094	< 0.011	< 0.0095	< 0.0097	< 0.0094	NA	< 0.011	< 0.01
Phenol	10000	50	< 0.086	< 0.036	< 0.041 J	< 0.038	< 0.037	< 0.035	< 0.04	< 0.036	< 0.036	< 0.035	NA	< 0.039	< 0.039
Pyrene	1700	100	< 0.032	< 0.013	< 0.015 J	< 0.014	< 0.014	< 0.013	< 0.015	0.0251 J	< 0.013	< 0.013	NA	< 0.015	< 0.014
Total TIC, Semi-Volatile	NS	NS	0	2.76 J	0	0.73 J	2.08 J	1.38 J	0.59 J	2.89 J	2.52 J	14.53 J	NA	10.57 J	17.5 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S	SR6-PE-31B	SR6-PE-32B
Sample ID	Direct Contact	Groundwater	SR6-PE-25S	SR6-PE-26B	SR6-PE-26S	SR6-PE-27B	SR6-PE-28B	SR6-PE-28S	SR6-PE-29B	SR6-PE-29S	SR6-PE-30B	SR6-PE-30S	SR6-PE-30S-073008	SR6-PE-31B	SR6-PE-32B
Sample Date	Soil Criteria	Soil Criteria	2/11/2008	1/28/2008	4/21/2008	1/28/2008	1/29/2008	4/21/2008	1/29/2008	4/22/2008	1/28/2008	4/21/2008	7/30/2008	1/29/2008	1/28/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
PCBs															
PCB 1016	0.49	50	< 0.0087	< 0.0073	< 0.0083	< 0.0076	< 0.0075	< 0.0071	< 0.008	< 0.0071	< 0.0073	< 0.0071	< 0.0078	< 0.0079	< 0.0079
PCB 1221	0.49	50	< 0.028	< 0.023	< 0.026	< 0.024	< 0.024	< 0.022	< 0.025	< 0.022	< 0.023	< 0.023	< 0.025	< 0.025	< 0.025
PCB 1232	0.49	50	< 0.025	< 0.021	< 0.024	< 0.022	< 0.021	< 0.02	< 0.023	< 0.02	< 0.021	< 0.02	< 0.022	< 0.022	< 0.023
PCB 1242	0.49	50	< 0.015	< 0.012	< 0.014	< 0.013	< 0.013	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.013	< 0.013	< 0.013
PCB 1248	0.49	50	< 0.016	< 0.013	< 0.015	< 0.014	< 0.014	< 0.013	< 0.015	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014
PCB 1254	0.49	50	< 0.022	< 0.018	< 0.021	< 0.019	< 0.019	< 0.018	< 0.02	< 0.018	< 0.018	**0.752**	< 0.02	< 0.02	< 0.02
PCB 1260	0.49	50	< 0.0092	< 0.0078	< 0.0088	< 0.0081	< 0.008	< 0.0075	< 0.0085	< 0.0075	< 0.0077	< 0.0076	< 0.0083	< 0.0083	< 0.0084
Total PCBs	0.49	50	0	0	0	0	0	0	0	0	0	**0.752**	0	0	0
Metals															
Aluminum	NS	NS	17800	12000 J	16600	14000 J	13000	11500	16700	15100	10900 J	17600	NA	15300	16500 J
Antimony	14	NS	< 0.34 J	< 0.76 J	< 0.3 J	1.4 BJ	0.9 BJ	< 0.28 J	1.4 BJ	< 0.27 J	0.89 BJ	< 0.27 J	NA	1.3 BJ	1.7 BJ
Arsenic	20	NS	4	3.2 J	4.5	4.1 J	3	3.3	2.6	5.1	1.6 BJ	3.1	NA	3.3	3.5 J
Barium	700	NS	147	68	94.7 J	96.8	97.9	56.5 J	86.1	93.7	71.5	160 J	NA	70.7	74.8
Beryllium	2	NS	0.8	0.41 B	0.27 B	0.53 B	0.42 B	0.29 B	0.42 B	0.45 BJ	0.37 B	0.079 B	NA	0.45 B	0.48 B
Cadmium	39	NS	0.7 B	0.38 BJ	< 0.03	0.42 BJ	0.21 B	< 0.028	0.23 B	0.14 B	0.29 BJ	0.39 B	NA	0.36 B	0.4 BJ
Calcium	NS	NS	1690	810	1520 J	929	971	757 J	532 B	1090	732	2260 J	NA	1450	797
Chromium	240	NS	24.4	16.6	28.7	19.6	16	22	17.6	25.2	13	50.1	NA	16.1	17.5
Cobalt	NS	NS	26.8	6.6	10.8	10.2	6.9	6.9	6.2 B	9.5	8.9	17.2	NA	8	5.9 B
Copper	600	NS	13.8	22.9	16 J	26.1	23.1	25.5 J	18.2	34.6	17.2	25.2 J	NA	18.7	16.8
Iron	NS	NS	36700 J	21200 J	26500	23700 J	18400 J	21100	19300 J	23200 J	17200 J	33500	NA	19500 J	18200 J
Lead	400	NS	11.1	6.7	9.8 J	8.2	5.3	8 J	5.9	47.4	5.6	15.6 J	NA	22.2	27.9
Magnesium	NS	NS	3800	3190 J	5530	3520 J	2840 J	3280	2510 J	4490	2650 J	10700	NA	3150 J	3000 J
Manganese	NS	NS	2850 J	313 J	253	464 J	367 J	152	124 J	270	425 J	258	NA	218 J	189 J
Mercury	14	NS	0.037 B	< 0.024	0.047	< 0.027	0.028 B	0.043	0.029 B	0.055	< 0.024	0.04	NA	0.052	0.069
Nickel	250	NS	16.2	13.7	18 J	15.5	14.9	12.7 J	15	18.8	12.8	27.3 J	NA	15.7	14.4
Potassium	NS	NS	1340 B	919 BJ	1730 J	983 BJ	839 B	894 BJ	543 B	1610	677 BJ	6330 J	NA	730 B	808 BJ
Selenium	63	NS	1.1 B	< 1.3	0.49 B	< 1.4	< 1.3	< 0.3	< 1.5	< 0.29	< 1.3	< 0.29	NA	< 1.4	< 1.4
Silver	110	NS	< 0.16	< 0.26	< 0.14	< 0.27	< 0.26	< 0.13	< 0.29	< 0.12	< 0.26	< 0.12	NA	< 0.29	< 0.28
Sodium	NS	NS	119 B	540 BJ	144 B	602 BJ	463 BJ	64.5 B	474 BJ	36.5 B	465 BJ	107 B	NA	492 BJ	501 BJ
Thallium	2	NS	0.8 B	< 0.87	< 0.16	< 0.91	1 B	< 0.15	< 0.98	< 0.14	< 0.86	< 0.15	NA	< 0.96	< 0.93
Vanadium	370	NS	66.7	31	52	32.8	26.9	42.3	32.9	40.9	25.4	72.3	NA	32.6	29.9
Zinc	1500	NS	47.6	31.1 J	44.7	38.4 J	32.2	29.6	55	49.6 J	35.9 J	66.2	NA	53.1	51.4 J
Other															
Solids, Percent	NS	NS	72.4	85.4	75.1	81.7	83.9	87.5	77.9	87.2	85.7	88.8	80.9	79.1	79.9

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantific
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Cri
	Value is above the Impact to Groundwater Soil Cleanup Criteri

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-33B	SR6-PE-34B	SR6-PE-35B	SR6-PE-36B	SR6-PE-37B	SR6-PE-37B	SR6-PE-38B	SR6-PE-39B	SR6-PE-40B	SR6-PE-41B	SR6-PE-42B	SR6-PE-43B
Sample ID	Direct Contact	Groundwater	SR6-PE-33B	SR6-PE-34B	SR6-PE-35B	SR6-PE-36B	SR6-PE-37B	SR6-PE-DUP3 (SR6-PE-37B)	SR6-PE-38B	SR6-PE-39B	SR6-PE-40B	SR6-PE-41B	SR6-PE-42B	SR6-PE-43B
Sample Date	Soil Criteria	Soil Criteria	1/29/2008	1/28/2008	1/29/2008	1/28/2008	1/29/2008	1/29/2008	1/28/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC														
1,1,1-Trichloroethane	210	50	< 0.00039	< 0.00045	< 0.00044	< 0.00049	< 0.00035	< 0.00037	< 0.00045	< 0.0011	< 0.00063	< 0.0004	< 0.001	< 0.00055
1,1,2,2-Tetrachloroethane	34	1	< 0.0003	< 0.00035	< 0.00034	< 0.00038	< 0.00027	< 0.00029	< 0.00035	< 0.00082	< 0.00049	< 0.00031	< 0.00082	< 0.00043
1,1,2-Trichloroethane	22	1	< 0.0003	< 0.00035	< 0.00034	< 0.00038	< 0.00027	< 0.00029	< 0.00035	< 0.00082	< 0.00049	< 0.00031	< 0.00082	< 0.00043
1,1-Dichloroethane	570	10	< 0.00072	< 0.00083	< 0.0008	< 0.0009	< 0.00063	< 0.00068	< 0.00083	< 0.0019	< 0.0012	< 0.00074	< 0.0019	< 0.001
1,1-Dichloroethene	8	10	< 0.00048	< 0.00056	< 0.00054	< 0.0006	< 0.00042	< 0.00046	< 0.00056	< 0.0013	< 0.00078	< 0.0005	< 0.0013	< 0.00068
1,2,4-Trichlorobenzene	68	100	< 0.00037	< 0.00043	< 0.00041	< 0.00046	< 0.00032	< 0.00035	< 0.00043	< 0.00099	< 0.00059	< 0.00038	< 0.00098	< 0.00052
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.00097	< 0.0011	< 0.0011	< 0.0012	< 0.00086	< 0.00092	< 0.0011	< 0.0026	< 0.0016	< 0.001	< 0.0026	< 0.0014
1,2-Dibromoethane	NS	NS	< 0.0003	< 0.00035	< 0.00034	< 0.00038	< 0.00027	< 0.00029	< 0.00035	< 0.00082	< 0.00049	< 0.00031	< 0.00081	< 0.00043
1,2-Dichlorobenzene	5100	50	< 0.00029	< 0.00033	< 0.00032	< 0.00036	< 0.00025	< 0.00027	< 0.00033	< 0.00078	< 0.00047	< 0.0003	< 0.00077	< 0.00041
1,2-Dichloroethane	6	1	< 0.00025	< 0.00029	< 0.00027	< 0.00031	< 0.00022	< 0.00023	< 0.00029	< 0.00066	< 0.0004	< 0.00025	< 0.00066	< 0.00035
1,2-Dichloropropane	10	NS	< 0.00043	< 0.0005	< 0.00048	< 0.00054	< 0.00038	< 0.00041	< 0.0005	< 0.0012	< 0.00069	< 0.00044	< 0.0011	< 0.0006
1,3-Dichlorobenzene	5100	100	< 0.00038	< 0.00044	< 0.00042	< 0.00048	< 0.00034	< 0.00036	< 0.00044	< 0.001	< 0.00062	< 0.00039	< 0.001	< 0.00054
1,4-Dichlorobenzene	570	100	< 0.00031	< 0.00036	< 0.00035	< 0.00039	< 0.00027	< 0.0003	< 0.00036	< 0.00084	< 0.0005	< 0.00032	< 0.00084	< 0.00044
2-Butanone (MEK)	1000	50	< 0.0029	< 0.0034	< 0.0033	< 0.0037	< 0.0026	< 0.0028	< 0.0034	< 0.0079	< 0.0047	< 0.003	< 0.0079	< 0.0041
2-Hexanone	NS	NS	< 0.0018	< 0.0021	< 0.002	< 0.0022	< 0.0016	< 0.0017	< 0.0021	< 0.0048	< 0.0029	< 0.0019	< 0.0048	< 0.0025
4-methyl-2-pentanone (MIBK)	1000	50	< 0.0021	< 0.0024	< 0.0023	< 0.0026	< 0.0018	< 0.002	< 0.0024	< 0.0055	< 0.0033	< 0.0021	< 0.0055	< 0.0029
Acetone	1000	100	< 0.0042	< 0.0049	0.0331	< 0.0053	< 0.0037	< 0.004	< 0.0049	< 0.011	< 0.0069	0.0053 J	< 0.011	0.0144
Benzene	3	1	< 0.00075	< 0.00088	< 0.00084	< 0.00094	< 0.00066	< 0.00072	< 0.00088	< 0.002	< 0.0012	< 0.00078	< 0.002	< 0.0011
Bromodichloromethane	11	1	< 0.00026	< 0.0003	< 0.00029	< 0.00032	< 0.00023	< 0.00025	< 0.0003	< 0.0007	< 0.00042	< 0.00027	< 0.00069	< 0.00036
Bromoform	86	1	< 0.00085	< 0.00099	< 0.00095	< 0.0011	< 0.00075	< 0.00081	< 0.00099	< 0.0023	< 0.0014	< 0.00088	< 0.0023	< 0.0012
Bromomethane	79	1	< 0.0005	< 0.00059	< 0.00056	< 0.00063	< 0.00045	< 0.00048	< 0.00059	< 0.0014	< 0.00082	< 0.00052	< 0.0014	< 0.00071
Carbon disulfide	NS	NS	< 0.0003	< 0.00035	< 0.00034	< 0.00038	< 0.00027	< 0.00029	< 0.00035	< 0.00081	< 0.00049	< 0.00031	< 0.00081	< 0.00043
Carbon tetrachloride	2	1	< 0.00026	< 0.0003	< 0.00029	< 0.00032	< 0.00023	< 0.00025	< 0.0003	< 0.0007	< 0.00042	< 0.00027	< 0.00069	< 0.00036
Chlorobenzene	37	1	< 0.00058	< 0.00067	< 0.00065	< 0.00073	< 0.00051	< 0.00055	< 0.00067	< 0.0016	< 0.00094	< 0.0006	< 0.0016	< 0.00082
Chloroethane	NS	NS	< 0.00054	< 0.00063	< 0.0006	< 0.00068	< 0.00048	< 0.00051	< 0.00063	< 0.0015	< 0.00087	< 0.00056	< 0.0014	< 0.00076
Chloroform	19	1	< 0.00041	< 0.00048	< 0.00046	< 0.00052	< 0.00036	< 0.00039	< 0.00048	< 0.0011	< 0.00067	< 0.00043	< 0.0011	< 0.00058
Chloromethane	520	10	< 0.00054	< 0.00063	< 0.00061	< 0.00068	< 0.00048	< 0.00052	< 0.00063	< 0.0015	< 0.00088	< 0.00056	< 0.0015	< 0.00077
cis-1,2-Dichloroethene	79	1	< 0.0002	< 0.00023	< 0.00022	< 0.00025	< 0.00018	< 0.00019	< 0.00023	< 0.00054	< 0.00032	< 0.00021	< 0.00054	< 0.00028
cis-1,3-Dichloropropene	4	1	< 0.00052	< 0.0006	< 0.00058	< 0.00065	< 0.00046	< 0.0005	< 0.0006	< 0.0014	< 0.00084	< 0.00054	< 0.0014	< 0.00073
Cyclohexane	NS	NS	< 0.00041	< 0.00047	< 0.00045	< 0.00051	< 0.00036	< 0.00039	< 0.00047	< 0.0011	< 0.00066	< 0.00042	< 0.0011	< 0.00058
Dibromochloromethane	110	1	< 0.00022	< 0.00025	< 0.00024	< 0.00027	< 0.00019	< 0.00021	< 0.00025	< 0.00059	< 0.00035	< 0.00023	< 0.00058	< 0.00031
Dichlorodifluoromethane	NS	NS	< 0.00042	< 0.00049	< 0.00047	< 0.00053	< 0.00037	< 0.0004	< 0.00049	< 0.0011	< 0.00068	< 0.00044	< 0.0011	< 0.0006
Ethylbenzene	1000	100	< 0.0005	< 0.00058	< 0.00056	< 0.00063	< 0.00044	< 0.00048	< 0.00058	< 0.0014	< 0.00081	< 0.00052	< 0.0013	< 0.00071
Freon 113	NS	NS	< 0.00039	< 0.00045	< 0.00043	< 0.00048	< 0.00034	< 0.00037	< 0.00045	< 0.001	< 0.00063	< 0.0004	< 0.001	< 0.00055
Isopropylbenzene	NS	NS	< 0.00031	< 0.00036	< 0.00035	< 0.00039	< 0.00027	< 0.0003	< 0.00036	< 0.00084	< 0.0005	< 0.00032	< 0.00083	< 0.00044
Methyl acetate	NS	NS	< 0.0032	< 0.0038	< 0.0036	< 0.0041	< 0.0029	< 0.0031	< 0.0038	< 0.0087	< 0.0052	< 0.0033	< 0.0087	< 0.0046
Methyl tert butyl ether	NS	NS	< 0.00065	< 0.00076	< 0.00073	< 0.00082	< 0.00058	< 0.00062	< 0.00076	< 0.0018	< 0.0011	< 0.00068	< 0.0018	< 0.00092
Methylcyclohexane	NS	NS	< 0.00052	< 0.00061	< 0.00058	< 0.00065	< 0.00046	< 0.0005	< 0.00061	< 0.0014	< 0.00085	< 0.00054	< 0.0014	0.0015 J
Methylene chloride	49	1	0.0012 J	< 0.00057	0.0018 J	< 0.00061	0.0013 J	0.0013 J	< 0.00057	0.0058 J	0.0037 J	0.0016 J	< 0.0013	0.0031 J
o-Xylene	NS	NS	< 0.00027	< 0.00031	< 0.0003	< 0.00034	< 0.00024	< 0.00026	0.00064 J	< 0.00072	< 0.00044	< 0.00028	< 0.00072	< 0.00038
Styrene	23	100	< 0.00024	< 0.00027	< 0.00026	< 0.0003	< 0.00021	< 0.00022	< 0.00027	< 0.00064	< 0.00038	< 0.00024	< 0.00063	< 0.00033
Tetrachloroethene	4	1	< 0.00035	< 0.0004	< 0.00038	< 0.00043	< 0.00031	< 0.00033	< 0.0004	< 0.00093	< 0.00056	< 0.00036	< 0.00093	0.00069 J
Toluene	1000	500	< 0.00044	< 0.00051	< 0.00049	< 0.00055	< 0.00038	< 0.00042	< 0.00051	< 0.0012	< 0.00071	< 0.00045	< 0.0012	< 0.00062
Trans-1,2-dichloroethene	1000	50	< 0.00057	< 0.00067	< 0.00064	< 0.00072	< 0.00051	< 0.00055	< 0.00067	< 0.0015	< 0.00093	< 0.00059	< 0.0015	< 0.00081
trans-1,3-Dichloropropene	4	1	< 0.00084	< 0.00097	< 0.00093	< 0.001	< 0.00074	< 0.0008	< 0.00097	< 0.0023	< 0.0014	< 0.00086	< 0.0022	< 0.0012
Trichloroethene	23	1	< 0.00034	< 0.00039	< 0.00037	< 0.00042	< 0.0003	< 0.00032	< 0.00039	< 0.00091	< 0.00055	< 0.00035	< 0.0009	< 0.00048
Trichlorofluoromethane	NS	NS	< 0.00049	< 0.00057	< 0.00054	< 0.00061	< 0.00043	< 0.00046	< 0.00057	< 0.0013	< 0.00079	< 0.0005	< 0.0013	< 0.00069
Vinyl Chloride	2	10	< 0.00058	< 0.00067	< 0.00064	< 0.00072	< 0.00051	< 0.00055	< 0.00067	< 0.0016	< 0.00093	< 0.0006	< 0.0015	< 0.00081
Xylene, -m,p	NS	NS	< 0.00051	< 0.00059	< 0.00056	< 0.00064	< 0.00045	< 0.00048	< 0.00059	< 0.0014	< 0.00082	< 0.00052	< 0.0014	0.00076 J
Xylenes	410	67	< 0.00027	< 0.00031	< 0.0003	< 0.00034	< 0.00024	< 0.00026	0.00064 J	< 0.00072	< 0.00044	< 0.00028	< 0.00072	0.00076 J
Total TIC, Volatile	NS	NS	0	0	0.0085 J	0	0	0	0	0	0	0	0	0.26 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-33B	SR6-PE-34B	SR6-PE-35B	SR6-PE-36B	SR6-PE-37B	SR6-PE-37B	SR6-PE-38B	SR6-PE-39B	SR6-PE-40B	SR6-PE-41B	SR6-PE-42B	SR6-PE-43B
Sample ID	Direct Contact	Groundwater	SR6-PE-33B	SR6-PE-34B	SR6-PE-35B	SR6-PE-36B	SR6-PE-37B	SR6-PE-DUP3 (SR6-PE-37B)	SR6-PE-38B	SR6-PE-39B	SR6-PE-40B	SR6-PE-41B	SR6-PE-42B	SR6-PE-43B
Sample Date	Soil Criteria	Soil Criteria	1/29/2008	1/28/2008	1/29/2008	1/28/2008	1/29/2008	1/29/2008	1/28/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC														
1,1'-Biphenyl	NS	NS	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.013	< 0.011
2,4,5-Trichlorophenol	5600	50	< 0.075	< 0.075	< 0.075	< 0.08	< 0.077	< 0.076	< 0.074	< 0.076	< 0.077	< 0.08	< 0.089	< 0.074
2,4,6-Trichlorophenol	62	10	< 0.08	< 0.079	< 0.08	< 0.085	< 0.082	< 0.081	< 0.079	< 0.08	< 0.082	< 0.085	< 0.095	< 0.079
2,4-Dichlorophenol	170	10	< 0.041	< 0.041	< 0.041	< 0.044	< 0.042	< 0.042	< 0.04	< 0.041	< 0.042	< 0.044	< 0.049	< 0.041
2,4-Dimethylphenol	1100	10	< 0.048	< 0.048	< 0.048	< 0.052	< 0.05	< 0.049	< 0.047	< 0.049	< 0.049	< 0.051	< 0.057	< 0.048
2,4-Dinitrophenol	110	10	< 0.043	< 0.043	< 0.043	< 0.046	< 0.045	< 0.044	< 0.043	< 0.044	< 0.044	< 0.046	< 0.052	< 0.043
2,4-Dinitrotoluene	1	10	< 0.013	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.015	< 0.013
2,6-Dinitrotoluene	1	10	< 0.016	< 0.016	< 0.016	< 0.017	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.017	< 0.019	< 0.016
2-Chloronaphthalene	NS	NS	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.014	< 0.012
2-Chlorophenol	280	10	< 0.025	< 0.025	< 0.025	< 0.027	< 0.026	< 0.026	< 0.025	< 0.025	< 0.026	< 0.027	< 0.03	< 0.025
2-Methylnaphthalene	NS	NS	< 0.035	< 0.035	< 0.035	< 0.038	< 0.037	< 0.036	< 0.035	< 0.036	< 0.036	< 0.038	< 0.042	< 0.035
2-Methylphenol	2800	NS	< 0.038	< 0.038	< 0.038	< 0.041	< 0.039	< 0.039	< 0.038	< 0.039	< 0.039	< 0.041	< 0.045	< 0.038
2-Nitroaniline	NS	NS	< 0.025	< 0.025	< 0.025	< 0.027	< 0.026	< 0.025	< 0.025	< 0.025	< 0.026	< 0.027	< 0.03	< 0.025
2-Nitrophenol	NS	NS	< 0.046	< 0.046	< 0.046	< 0.049	< 0.047	< 0.047	< 0.045	< 0.046	< 0.047	< 0.049	< 0.055	< 0.045
3&4-Methylphenol	NS	NS	< 0.049	< 0.049	< 0.049	< 0.052	< 0.051	< 0.05	< 0.048	< 0.049	< 0.05	< 0.052	< 0.058	< 0.049
3,3'-Dichlorobenzidine	2	100	< 0.029	< 0.028	< 0.029	< 0.031	< 0.029	< 0.029	< 0.028	< 0.029	< 0.029	< 0.03	< 0.034	< 0.028
3-Nitroaniline	NS	NS	< 0.026	< 0.026	< 0.026	< 0.028	< 0.027	< 0.027	< 0.026	< 0.027	< 0.027	< 0.028	< 0.031	< 0.026
4,6-Dinitro-2-methylphenol	NS	NS	< 0.072	< 0.072	< 0.072	< 0.077	< 0.075	< 0.073	< 0.071	< 0.073	< 0.074	< 0.077	< 0.086	< 0.072
4-Bromophenyl phenyl ether	NS	NS	< 0.017	< 0.017	< 0.017	< 0.018	< 0.018	< 0.018	< 0.017	< 0.017	< 0.018	< 0.018	< 0.021	< 0.017
4-Chloro-3-Methylphenol	10000	100	< 0.054	< 0.053	< 0.054	< 0.057	< 0.055	< 0.055	< 0.053	< 0.054	< 0.055	< 0.057	< 0.064	< 0.053
4-Chloroaniline	230	NS	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.015	< 0.014	< 0.014	< 0.015	< 0.015	< 0.017	< 0.014
4-Chlorophenyl phenyl ether	NS	NS	< 0.011	< 0.011	< 0.011	< 0.012	< 0.012	< 0.011	< 0.011	< 0.011	< 0.012	< 0.012	< 0.013	< 0.011
4-Nitroaniline	NS	NS	< 0.023	< 0.022	< 0.023	< 0.024	< 0.023	< 0.023	< 0.022	< 0.023	< 0.023	< 0.024	< 0.027	< 0.022
4-Nitrophenol	NS	NS	< 0.069	< 0.069	< 0.069	< 0.074	< 0.072	< 0.071	< 0.068	< 0.07	< 0.071	< 0.074	< 0.083	< 0.069
Acenaphthene	3400	100	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013	< 0.012	< 0.013	< 0.013	< 0.013	< 0.015	< 0.012
Acenaphthylene	NS	NS	< 0.008	< 0.008	< 0.008	< 0.0086	< 0.0083	< 0.0082	< 0.0079	< 0.0081	< 0.0082	< 0.0085	< 0.0095	< 0.0079
Acetophenone	NS	NS	< 0.012	< 0.012	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.013	< 0.014	< 0.012
Anthracene	10000	100	< 0.036	< 0.036	< 0.036	< 0.039	< 0.038	< 0.037	< 0.036	< 0.037	< 0.037	< 0.039	< 0.043	< 0.036
Atrazine	NS	NS	< 0.023	< 0.023	< 0.023	< 0.024	< 0.023	< 0.023	< 0.022	< 0.023	< 0.023	< 0.024	< 0.027	< 0.022

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-33B	SR6-PE-34B	SR6-PE-35B	SR6-PE-36B	SR6-PE-37B	SR6-PE-37B	SR6-PE-38B	SR6-PE-39B	SR6-PE-40B	SR6-PE-41B	SR6-PE-42B	SR6-PE-43B
Sample ID	Direct Contact	Groundwater	SR6-PE-33B	SR6-PE-34B	SR6-PE-35B	SR6-PE-36B	SR6-PE-37B	SR6-PE-DUP3 (SR6-PE-37B)	SR6-PE-38B	SR6-PE-39B	SR6-PE-40B	SR6-PE-41B	SR6-PE-42B	SR6-PE-43B
Sample Date	Soil Criteria	Soil Criteria	1/29/2008	1/28/2008	1/29/2008	1/28/2008	1/29/2008	1/29/2008	1/28/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	< 0.0075 R	< 0.0074 R	< 0.0075 R	< 0.008 R	< 0.0077 R	< 0.0076 R	< 0.0073 R	< 0.0075 R	< 0.0076 R	< 0.0079 R	< 0.0089 R	< 0.0074 R
Benzo(a)anthracene	0.9	500	< 0.0082	< 0.0081	< 0.0082	< 0.0087	< 0.0084	< 0.0083	< 0.008	< 0.0082	< 0.0084	< 0.0087	< 0.0097	< 0.0081
Benzo(a)pyrene	0.66	100	< 0.019	< 0.019	< 0.019	< 0.021	< 0.02	< 0.02	< 0.019	< 0.02	< 0.02	< 0.021	< 0.023	< 0.019
Benzo(b)fluoranthene	0.9	50	< 0.013	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.015	< 0.013
Benzo(g,h,i)perylene	NS	NS	< 0.016	< 0.016	< 0.016	< 0.017	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.017	< 0.019	< 0.016
Benzo(k)fluoranthene	0.9	500	< 0.017	< 0.017	< 0.017	< 0.018	< 0.018	< 0.017	< 0.017	< 0.017	< 0.017	< 0.018	< 0.02	< 0.017
Benzyl butyl phthalate	1100	100	< 0.014	< 0.014	< 0.014	< 0.015	< 0.015	< 0.015	< 0.014	< 0.014	< 0.015	< 0.015	< 0.017	< 0.014
bis(2-Chloroethoxy)methane	NS	NS	< 0.015	< 0.015	< 0.015	< 0.016	< 0.016	< 0.016	< 0.015	< 0.015	< 0.016	< 0.016	< 0.018	< 0.015
bis(2-Chloroethyl)ether	0.66	10	< 0.018	< 0.018	< 0.018	< 0.019	< 0.019	< 0.018	< 0.018	< 0.018	< 0.018	< 0.019	< 0.022	< 0.018
bis(2-Chloroisopropyl)ether	2300	10	< 0.023	< 0.023	< 0.023	< 0.025	< 0.024	< 0.023	< 0.023	< 0.023	< 0.024	< 0.025	< 0.027	< 0.023
bis(2-Ethylhexyl)phthalate	49	100	0.0758 J	< 0.024	< 0.024	< 0.025	< 0.025	< 0.024	< 0.023	< 0.024	0.0538 J	< 0.025	< 0.028	< 0.024
Caprolactam	NS	NS	< 0.021	< 0.021	< 0.021	< 0.023	< 0.022	< 0.021	< 0.021	< 0.021	< 0.022	< 0.022	< 0.025	< 0.021
Carbazole	NS	NS	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.013	< 0.013	< 0.014	< 0.014	< 0.016	< 0.013
Chrysene	9	500	< 0.016	< 0.016	< 0.016	< 0.017	< 0.017	< 0.016	< 0.016	< 0.016	< 0.016	< 0.017	< 0.019	< 0.016
Dibenzo(a,h)anthracene	0.66	100	< 0.01	< 0.01	< 0.01	< 0.011	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.011	< 0.012	< 0.01
Dibenzofuran	NS	NS	< 0.0078	< 0.0077	< 0.0078	< 0.0083	< 0.008	< 0.0079	< 0.0077	< 0.0078	< 0.008	< 0.0083	< 0.0093	< 0.0077
Diethyl phthalate	10000	50	< 0.014	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.016	< 0.014
Dimethyl phthalate	10000	50	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.013	< 0.011
di-n-butyl phthalate	5700	100	< 0.011	< 0.011	< 0.011	< 0.012	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.013	< 0.011
di-n-octylphthalate	1100	100	< 0.016	< 0.016	< 0.016	< 0.017	< 0.017	< 0.016	< 0.016	< 0.016	< 0.017	< 0.017	< 0.019	< 0.016
Fluoranthene	2300	100	< 0.0073	< 0.0073	< 0.0073	< 0.0079	< 0.0076	< 0.0075	< 0.0072	< 0.0074	< 0.0075	< 0.0078	< 0.0087	< 0.0073
Fluorene	2300	100	< 0.008	< 0.0079	< 0.008	< 0.0085	< 0.0082	< 0.0081	< 0.0079	< 0.008	< 0.0082	< 0.0085	< 0.0095	< 0.0079
Hexachlorobenzene	0.66	100	< 0.019	< 0.019	< 0.019	< 0.02	< 0.02	< 0.019	< 0.019	< 0.019	< 0.02	< 0.02	< 0.023	< 0.019
Hexachlorobutadiene	1	100	< 0.018	< 0.018	< 0.018	< 0.02	< 0.019	< 0.019	< 0.018	< 0.018	< 0.019	< 0.019	< 0.022	< 0.018
Hexachlorocyclopentadiene	400	100	< 0.018	< 0.018	< 0.018	< 0.02	< 0.019	< 0.019	< 0.018	< 0.019	< 0.019	< 0.02	< 0.022	< 0.018
Hexachloroethane	6	100	< 0.016	< 0.016	< 0.016	< 0.018	< 0.017	< 0.017	< 0.016	< 0.017	< 0.017	< 0.018	< 0.02	< 0.016
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.037	< 0.037	< 0.037	< 0.039	< 0.038	< 0.037	< 0.036	< 0.037	< 0.038	< 0.039	< 0.044	< 0.037
Isophrone	1100	50	< 0.013	< 0.013	< 0.013	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.014	< 0.015	< 0.013
Naphthalene	230	100	< 0.0089	< 0.0089	< 0.0089	< 0.0095	< 0.0092	< 0.0091	< 0.0088	< 0.009	< 0.0091	< 0.0095	< 0.011	< 0.0088
Nitrobenzene	28	50	< 0.013	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.013	< 0.013	< 0.014	< 0.014	< 0.016	< 0.013
N-Nitroso-di-n-Propylamine	0.66	10	< 0.013	< 0.013	< 0.014	< 0.014	< 0.014	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.016	< 0.013
N-Nitrosodiphenylamine	140	1000	< 0.0087	< 0.0086	< 0.0087	< 0.0093	< 0.009	< 0.0088	< 0.0086	< 0.0088	< 0.0089	< 0.0092	< 0.01	< 0.0086
Pentachlorophenol	6	100	< 0.041	< 0.041 J	< 0.041	< 0.044 J	< 0.043	< 0.042	< 0.041 J	< 0.042	< 0.042	< 0.044	< 0.049	< 0.041
Phenanthrene	NS	NS	< 0.0099	< 0.0098	< 0.0099	< 0.011	< 0.01	< 0.01	< 0.0097	< 0.0099	< 0.01	< 0.011	< 0.012	< 0.0098
Phenol	10000	50	< 0.037	< 0.037	< 0.037	< 0.039	< 0.038	< 0.038	< 0.036	< 0.037	< 0.038	< 0.039	< 0.044	< 0.037
Pyrene	1700	100	< 0.014	< 0.014	< 0.014	< 0.015	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.015	< 0.016	< 0.014
Total TIC, Semi-Volatile	NS	NS	0.77 J	1.73 J	0.72 J	0.83 J	0	0	0.45 J	0.16 J	0.66 J	0.18 J	6.57 J	0

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-33B	SR6-PE-34B	SR6-PE-35B	SR6-PE-36B	SR6-PE-37B	SR6-PE-37B	SR6-PE-38B	SR6-PE-39B	SR6-PE-40B	SR6-PE-41B	SR6-PE-42B	SR6-PE-43B
Sample ID	**Direct Contact**	**Groundwater**	**SR6-PE-33B**	**SR6-PE-34B**	**SR6-PE-35B**	**SR6-PE-36B**	**SR6-PE-37B**	**SR6-PE-DUP3 (SR6-PE-37B)**	**SR6-PE-38B**	**SR6-PE-39B**	**SR6-PE-40B**	**SR6-PE-41B**	**SR6-PE-42B**	**SR6-PE-43B**
Sample Date	**Soil Criteria**	**Soil Criteria**	**1/29/2008**	**1/28/2008**	**1/29/2008**	**1/28/2008**	**1/29/2008**	**1/29/2008**	**1/28/2008**	**1/29/2008**	**1/29/2008**	**1/29/2008**	**1/29/2008**	**1/29/2008**
Validation Status			**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**	**Final**
PCBs														
PCB 1016	0.49	50	< 0.0075	< 0.0073	< 0.0075	< 0.0081	< 0.0077	< 0.0077	< 0.0074	< 0.0075	< 0.0076	< 0.0079	< 0.0089	< 0.0074
PCB 1221	0.49	50	< 0.024	< 0.023	< 0.024	< 0.025	< 0.024	< 0.024	< 0.023	< 0.024	< 0.024	< 0.025	< 0.028	< 0.023
PCB 1232	0.49	50	< 0.021	< 0.021	< 0.022	< 0.023	< 0.022	< 0.022	< 0.021	< 0.021	< 0.022	< 0.023	< 0.025	< 0.021
PCB 1242	0.49	50	< 0.012	< 0.012	< 0.013	< 0.013	< 0.013	< 0.013	< 0.012	< 0.012	< 0.013	< 0.013	< 0.015	< 0.012
PCB 1248	0.49	50	< 0.014	< 0.013	< 0.014	< 0.015	< 0.014	< 0.014	< 0.013	< 0.014	< 0.014	< 0.014	< 0.016	< 0.013
PCB 1254	0.49	50	< 0.019	< 0.018	< 0.019	< 0.02	< 0.019	< 0.019	< 0.018	< 0.019	< 0.019	< 0.02	< 0.022	< 0.018
PCB 1260	0.49	50	< 0.0079	< 0.0078	< 0.008	< 0.0086	< 0.0082	< 0.0082	< 0.0079	< 0.0079	< 0.0081	< 0.0084	< 0.0095	< 0.0079
Total PCBs	0.49	50	0	0	0	0	0	0	0	0	0	0	0	0
Metals														
Aluminum	NS	NS	16500	17200 J	13700	12500 J	12000	11600	9750 J	8890	16500	11100	17500	12300
Antimony	14	NS	1.7 BJ	0.96 BJ	1.7 BJ	1 BJ	1.3 BJ	0.79 BJ	2.3 BJ	0.99 BJ	1.6 BJ	1.3 BJ	1.3 BJ	0.94 BJ
Arsenic	20	NS	4.7	3.7 J	2.9	3.9 J	2.3 B	2.4	2.7 J	2.1 B	2.1 B	2.9	4.3	2 B
Barium	700	NS	69.1	82.9	74.9	51.8	57	55.3	55.9	43.1	195	47.1	68.1	56.5
Beryllium	2	NS	0.52 B	0.59	0.36 B	0.38 B	0.42 B	0.36 B	0.33 B	0.3 B	0.19 B	0.43 B	0.3 B	0.29 B
Cadmium	39	NS	0.32 B	0.39 BJ	0.26 B	0.35 BJ	0.24 B	0.2 B	1	0.17 B	0.27 B	0.25 B	0.37 B	0.21 B
Calcium	NS	NS	484 B	684	779	842	851	816	802	765	2110	751	2570	904
Chromium	240	NS	21	19.7	16.7	18.3	16.5	15.2	16.6	13.8	42.8	15.8	22.5	17
Cobalt	NS	NS	9.2	8.8	7.7	5.2 B	7.9	7.8	6.7	7.3	17.1	8.9	7.4	9
Copper	600	NS	20	23.2	15.6	30.6	22.1	22.4	358	36.7	57.6	44.7	23.1	35.8
Iron	NS	NS	23500 J	21600 J	16800 J	20500 J	17800 J	17900 J	19300 J	16100 J	26100 J	20200 J	21300 J	18200 J
Lead	400	NS	16	8.2	9.5	5.9	6.1	5.6	325	4.9	95.3	6.1	24.7	4.6
Magnesium	NS	NS	4290 J	3550 J	3260 J	2640 J	3040 J	2980 J	2490 J	2810 J	8070 J	3270 J	2960 J	4000 J
Manganese	NS	NS	292 J	376 J	283 J	186 J	245 J	244 J	243 J	278 J	437 J	514 J	346 J	250 J
Mercury	14	NS	0.05	0.033 B	0.028 B	< 0.027	< 0.025	0.024 B	0.024 B	< 0.026	0.18	< 0.026	0.055	< 0.025
Nickel	250	NS	20.8	17.3	12.4	11.8	14.5	15.1	14.2	11.7	28.3	14.2	14.3	15.4
Potassium	NS	NS	824 B	864 BJ	1060 B	976 BJ	853 B	841 B	777 BJ	920 B	4030	1010 B	998 B	1190 B
Selenium	63	NS	< 1.4	< 1.3	< 1.3	< 1.4	< 1.4	< 1.3	< 1.3	< 1.3	< 1.3	< 1.4	< 1.6	< 1.3
Silver	110	NS	< 0.28	< 0.26	< 0.27	< 0.28	< 0.27	< 0.26	< 0.26	< 0.26	< 0.25	< 0.27	< 0.31	< 0.26
Sodium	NS	NS	569 BJ	528 BJ	437 BJ	537 BJ	462 BJ	454 BJ	528 BJ	421 BJ	682 BJ	503 BJ	523 BJ	479 BJ
Thallium	2	NS	< 0.93	< 0.87	< 0.89	< 0.94	< 0.92	< 0.88	< 0.87	< 0.87	< 0.86	< 0.91	< 1	< 0.87
Vanadium	370	NS	27.6	30.8	29.1	31.6	26.2	23.3	25.4	24.5	48.8	26.3	38.2	29.3
Zinc	1500	NS	43.7	45.7 J	51.4	29.5 J	32.9	34.2	262 J	25.8	47.1	35	41.4	29.3
Other														
Solids, Percent	NS	NS	83.7	84.9	83.6	78.7	81	82.2	84.9	83.2	82.3	78.3	70.7	85.2

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantific
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Cri
	Value is above the Impact to Groundwater Soil Cleanup Criteri

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample ID	Direct Contact	Groundwater	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample Date	Soil Criteria	Soil Criteria	1/29/2008	1/29/2008	2/11/2008	2/11/2008	2/11/2008	2/11/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC															
1,1,1-Trichloroethane	210	50	< 0.0004	< 0.00054	< 0.00043	< 0.0012	< 0.00048	< 0.00047	< 0.00052	< 0.00056	< 0.00051	< 0.00051	< 0.00056	< 0.00049	< 0.00052
1,1,2,2-Tetrachloroethane	34	1	< 0.00031	< 0.00042	< 0.00034	< 0.0009	< 0.00038	< 0.00036	< 0.00025	< 0.00027	< 0.00025	< 0.00025	< 0.00027	< 0.00023	< 0.00025
1,1,2-Trichloroethane	22	1	< 0.00031	< 0.00042	< 0.00034	< 0.0009	< 0.00038	< 0.00036	< 0.00025	< 0.00027	< 0.00025	< 0.00025	< 0.00027	< 0.00024	< 0.00025
1,1-Dichloroethane	570	10	< 0.00073	< 0.001	< 0.00079	< 0.0021	< 0.00089	< 0.00086	< 0.00038	< 0.00042	< 0.00038	< 0.00038	< 0.00041	< 0.00036	< 0.00039
1,1-Dichloroethene	8	10	< 0.00049	< 0.00067	< 0.00053	< 0.0014	< 0.0006	< 0.00058	< 0.00051	< 0.00056	< 0.00051	< 0.00051	< 0.00055	< 0.00049	< 0.00052
1,2,4-Trichlorobenzene	68	100	< 0.00037	< 0.00051	< 0.0004	< 0.0011	< 0.00045	< 0.00044	< 0.00041	< 0.00045	< 0.00041	< 0.00041	< 0.00044	< 0.00039	< 0.00042
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.00099	< 0.0014	< 0.0011	< 0.0029	< 0.0012	< 0.0012	< 0.0015	< 0.0016	< 0.0015	< 0.0015	< 0.0016	< 0.0014	< 0.0015
1,2-Dibromoethane	NS	NS	< 0.00031	< 0.00042	< 0.00033	< 0.0009	< 0.00037	< 0.00036	< 0.0004	< 0.00043	< 0.00039	< 0.00039	< 0.00042	< 0.00037	< 0.0004
1,2-Dichlorobenzene	5100	50	< 0.00029	< 0.0004	< 0.00032	< 0.00086	< 0.00036	< 0.00034	< 0.00036	< 0.00039	< 0.00036	< 0.00036	< 0.00039	< 0.00034	< 0.00037
1,2-Dichloroethane	6	1	< 0.00025	< 0.00034	< 0.00027	< 0.00073	< 0.0003	< 0.00029	< 0.00042	< 0.00045	< 0.00041	< 0.00041	< 0.00045	< 0.0004	< 0.00042
1,2-Dichloropropane	10	NS	< 0.00044	< 0.0006	< 0.00047	< 0.0013	< 0.00053	< 0.00051	< 0.00038	< 0.00042	< 0.00038	< 0.00038	< 0.00041	< 0.00036	< 0.00039
1,3-Dichlorobenzene	5100	100	< 0.00039	< 0.00053	< 0.00042	< 0.0011	< 0.00047	< 0.00046	< 0.0003	< 0.00032	< 0.00029	< 0.00029	< 0.00032	< 0.00028	< 0.0003
1,4-Dichlorobenzene	570	100	< 0.00032	< 0.00043	< 0.00034	< 0.00092	< 0.00038	< 0.00037	< 0.00031	< 0.00033	< 0.0003	< 0.0003	< 0.00033	< 0.00029	< 0.00031
2-Butanone (MEK)	1000	50	< 0.003	< 0.0041	< 0.0032	< 0.0087	< 0.0036	< 0.0035	< 0.0022	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.0021	< 0.0022
2-Hexanone	NS	NS	< 0.0018	< 0.0025	< 0.002	< 0.0053	< 0.0022	< 0.0021	< 0.0019	< 0.002	< 0.0019	< 0.0019	< 0.002	< 0.0018	< 0.0019
4-methyl-2-pentanone (MIBK)	1000	50	< 0.0021	< 0.0029	< 0.0023	< 0.0061	< 0.0025	< 0.0025	< 0.0023	< 0.0025	< 0.0023	< 0.0023	< 0.0025	< 0.0022	< 0.0024
Acetone	1000	100	< 0.0043	< 0.0059	0.0099 J	0.0326	< 0.0053	0.0099 J	< 0.0021	< 0.0023	< 0.0021	< 0.0021	0.0116	< 0.002	< 0.0021
Benzene	3	1	< 0.00077	< 0.001	< 0.00083	< 0.0022	< 0.00093	< 0.0009	< 0.00035	< 0.00037	< 0.00034	< 0.00034	< 0.00037	< 0.00033	< 0.00035
Bromodichloromethane	11	1	< 0.00026	< 0.00036	< 0.00029	< 0.00077	< 0.00032	< 0.00031	< 0.00026	< 0.00028	< 0.00025	< 0.00025	< 0.00027	< 0.00024	< 0.00026
Bromoform	86	1	< 0.00087	< 0.0012	< 0.00094	< 0.0025	< 0.0011	< 0.001	< 0.00033	< 0.00036	< 0.00032	< 0.00032	< 0.00035	< 0.00031	< 0.00033
Bromomethane	79	1	< 0.00051	< 0.0007	< 0.00056	< 0.0015	< 0.00062	< 0.0006	< 0.00086	< 0.00094	< 0.00085	< 0.00085	< 0.00093	< 0.00082	< 0.00087
Carbon disulfide	NS	NS	< 0.00031	< 0.00042	< 0.00033	< 0.0009	< 0.00037	< 0.00036	< 0.00049	< 0.00053	< 0.00049	< 0.00049	< 0.00053	< 0.00047	< 0.0005
Carbon tetrachloride	2	1	< 0.00026	< 0.00036	< 0.00029	< 0.00077	< 0.00032	< 0.00031	< 0.00092	< 0.00099	< 0.00091	< 0.00091	< 0.00099	< 0.00087	< 0.00093
Chlorobenzene	37	1	< 0.00059	< 0.00081	< 0.00064	< 0.0017	< 0.00072	< 0.00069	< 0.00029	< 0.00032	< 0.00029	< 0.00029	< 0.00031	< 0.00028	< 0.00029
Chloroethane	NS	NS	< 0.00055	< 0.00075	< 0.00059	< 0.0016	< 0.00067	< 0.00065	< 0.00067	< 0.00072	< 0.00066	< 0.00066	< 0.00072	< 0.00063	< 0.00067
Chloroform	19	1	< 0.00042	< 0.00057	< 0.00045	< 0.0012	< 0.00051	< 0.00049	< 0.00046	< 0.00049	< 0.00045	< 0.00045	< 0.00049	< 0.00043	< 0.00046
Chloromethane	520	10	< 0.00056	< 0.00076	< 0.0006	< 0.0016	< 0.00067	< 0.00065	< 0.00069	< 0.00075	< 0.00069	< 0.00069	< 0.00074	< 0.00066	< 0.0007
cis-1,2-Dichloroethene	79	1	< 0.0002	< 0.00028	< 0.00022	< 0.00059	< 0.00025	< 0.00024	< 0.00035	< 0.00038	< 0.00035	< 0.00035	< 0.00038	< 0.00034	< 0.00036
cis-1,3-Dichloropropene	4	1	< 0.00053	< 0.00072	< 0.00057	< 0.0015	< 0.00064	< 0.00062	< 0.00024	< 0.00026	< 0.00024	< 0.00024	< 0.00026	< 0.00023	< 0.00024
Cyclohexane	NS	NS	< 0.00042	< 0.00057	< 0.00045	< 0.0012	< 0.00051	< 0.00049	< 0.00035	< 0.00038	< 0.00035	< 0.00035	< 0.00038	< 0.00033	< 0.00035
Dibromochloromethane	110	1	< 0.00022	< 0.0003	< 0.00024	< 0.00065	< 0.00027	< 0.00026	< 0.00026	< 0.00029	< 0.00026	< 0.00026	< 0.00028	< 0.00025	< 0.00027
Dichlorodifluoromethane	NS	NS	< 0.00043	< 0.00059	< 0.00047	< 0.0013	< 0.00052	< 0.00051	< 0.0016	< 0.0017	< 0.0016	< 0.0016	< 0.0017	< 0.0015	< 0.0016
Ethylbenzene	1000	100	< 0.00051	< 0.0007	< 0.00055	< 0.0015	< 0.00062	< 0.0006	< 0.0004	< 0.00043	< 0.00039	< 0.00039	< 0.00043	< 0.00038	< 0.0004
Freon 113	NS	NS	< 0.00039	< 0.00054	< 0.00043	< 0.0011	< 0.00048	< 0.00046	< 0.001	< 0.0011	< 0.001	< 0.001	< 0.0011	< 0.00099	< 0.0011
Isopropylbenzene	NS	NS	< 0.00032	< 0.00043	< 0.00034	< 0.00092	< 0.00038	< 0.00037	< 0.00044	< 0.00047	< 0.00043	< 0.00043	< 0.00047	< 0.00041	< 0.00044
Methyl acetate	NS	NS	< 0.0033	< 0.0045	< 0.0036	< 0.0096	< 0.004	< 0.0039	< 0.0021	< 0.0023	< 0.0021	< 0.0021	< 0.0023	< 0.002	< 0.0021
Methyl tert butyl ether	NS	NS	< 0.00067	< 0.00091	< 0.00072	< 0.0019	< 0.00081	< 0.00078	< 0.00035	< 0.00038	< 0.00034	< 0.00034	< 0.00037	< 0.00033	< 0.00035
Methylcyclohexane	NS	NS	< 0.00053	< 0.00073	< 0.00058	< 0.0016	< 0.00065	< 0.00063	< 0.00035	< 0.00038	< 0.00034	< 0.00034	< 0.00037	< 0.00033	< 0.00035
Methylene chloride	49	1	0.002 J	< 0.00068	0.0066	0.0133 J	0.0027 J	0.0021 J	< 0.00029	< 0.00031	< 0.00028	< 0.00028	0.0025 J	< 0.00027	< 0.00029
o-Xylene	NS	NS	< 0.00027	< 0.00037	< 0.0003	0.0022 J	< 0.00033	< 0.00032	< 0.00029	< 0.00032	< 0.00029	< 0.00029	< 0.00032	< 0.00028	< 0.0003
Styrene	23	100	< 0.00024	< 0.00033	< 0.00026	< 0.0007	< 0.00029	< 0.00028	< 0.00028	< 0.00031	< 0.00028	< 0.00028	< 0.0003	< 0.00027	< 0.00028
Tetrachloroethene	4	1	< 0.00035	< 0.00048	< 0.00038	< 0.001	< 0.00043	< 0.00041	< 0.00046	< 0.0005	< 0.00045	< 0.00045	< 0.00049	< 0.00043	< 0.00046
Toluene	1000	500	< 0.00044	< 0.00061	< 0.00048	< 0.0013	< 0.00054	< 0.00052	< 0.00032	< 0.00035	< 0.00032	< 0.00032	< 0.00035	< 0.00031	< 0.00033
Trans-1,2-dichloroethene	1000	50	< 0.00059	< 0.0008	< 0.00063	< 0.0017	< 0.00071	< 0.00069	< 0.00031	< 0.00034	< 0.00031	< 0.00031	< 0.00034	< 0.0003	< 0.00032
trans-1,3-Dichloropropene	4	1	< 0.00085	< 0.0012	< 0.00092	< 0.0025	< 0.001	< 0.001	< 0.00024	< 0.00026	< 0.00024	< 0.00024	< 0.00026	< 0.00023	< 0.00025
Trichloroethene	23	1	< 0.00034	< 0.00047	< 0.00037	< 0.001	< 0.00042	< 0.0004	< 0.00029	< 0.00031	< 0.00028	< 0.00028	< 0.00031	< 0.00027	< 0.00029
Trichlorofluoromethane	NS	NS	< 0.0005	< 0.00068	< 0.00054	< 0.0014	< 0.0006	< 0.00058	< 0.0028	< 0.0031	< 0.0028	< 0.0028	< 0.003	< 0.0027	< 0.0029
Vinyl Chloride	2	10	< 0.00059	< 0.0008	< 0.00064	< 0.0017	< 0.00071	< 0.00069	< 0.00062	< 0.00067	< 0.00061	< 0.00061	< 0.00067	< 0.00059	< 0.00063
Xylene, -m,p	NS	NS	< 0.00052	< 0.00071	< 0.00056	0.0043 J	< 0.00063	< 0.00061	< 0.00065	< 0.0007	< 0.00064	< 0.00064	< 0.00069	< 0.00061	< 0.00065
Xylenes	410	67	< 0.00027	< 0.00037	< 0.0003	0.0065	< 0.00033	< 0.00032	< 0.00029	< 0.00032	< 0.00029	< 0.00029	< 0.00032	< 0.00028	< 0.0003
Total TIC, Volatile	NS	NS	0	0	32 J	43 J	22 J	18 J	0	0	0	0	0	0	0

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample ID	Direct Contact	Groundwater	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample Date	Soil Criteria	Soil Criteria	1/29/2008	1/29/2008	2/11/2008	2/11/2008	2/11/2008	2/11/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC															
1,1'-Biphenyl	NS	NS	< 0.011	< 0.012	< 0.025	< 0.027	< 0.025	< 0.023	< 0.011	< 0.011	< 0.011	< 0.011	< 0.012	< 0.01	< 0.011
2,4,5-Trichlorophenol	5600	50	< 0.079	< 0.081	< 0.18	< 0.19	< 0.17	< 0.16	< 0.077	< 0.077	< 0.073	< 0.075	< 0.086	< 0.073	< 0.075
2,4,6-Trichlorophenol	62	10	< 0.084	< 0.086	< 0.19	< 0.2	< 0.18	< 0.17	< 0.082	< 0.082	< 0.078	< 0.08	< 0.092	< 0.078	< 0.079
2,4-Dichlorophenol	170	10	< 0.043	< 0.044	< 0.096	< 0.1	< 0.095	< 0.088	< 0.042	< 0.042	< 0.04	< 0.041	< 0.047	< 0.04	< 0.041
2,4-Dimethylphenol	1100	10	< 0.051	< 0.052	< 0.11	< 0.12	< 0.11	< 0.1	< 0.049	< 0.049	< 0.047	< 0.048	< 0.055	< 0.047	< 0.048
2,4-Dinitrophenol	110	10	< 0.046	< 0.047	< 0.1	< 0.11	< 0.1	< 0.093	< 0.045	< 0.045	< 0.042	< 0.043	< 0.05	< 0.042	< 0.043
2,4-Dinitrotoluene	1	10	< 0.014	< 0.014	< 0.03	< 0.032	< 0.03	< 0.027	< 0.013 J	< 0.013 J	< 0.013	< 0.013 J	< 0.015	< 0.012 J	< 0.013
2,6-Dinitrotoluene	1	10	< 0.017	< 0.017	< 0.037	< 0.04	< 0.037	< 0.034	< 0.016 J	< 0.016 J	< 0.015	< 0.016 J	< 0.018	< 0.015 J	< 0.016
2-Chloronaphthalene	NS	NS	< 0.013	< 0.013	< 0.028	< 0.03	< 0.028	< 0.026	< 0.012	< 0.012	< 0.012	< 0.012	< 0.014	< 0.012	< 0.012
2-Chlorophenol	280	10	< 0.027	< 0.027	< 0.059	< 0.063	< 0.058	< 0.054	< 0.026	< 0.026	< 0.025	< 0.025	< 0.029	< 0.025	< 0.025
2-Methylnaphthalene	NS	NS	< 0.037	< 0.038	< 0.083	< 0.089	< 0.082	< 0.076	< 0.036	< 0.036	< 0.035	< 0.035	< 0.041	< 0.035	< 0.035
2-Methylphenol	2800	NS	< 0.04	< 0.041	< 0.09	< 0.096	< 0.088	< 0.082	< 0.039	< 0.039	< 0.037	< 0.038	< 0.044	< 0.037	< 0.038
2-Nitroaniline	NS	NS	< 0.026	< 0.027	< 0.059	< 0.063	< 0.058	< 0.054	< 0.026	< 0.026	< 0.025	< 0.025	< 0.029	< 0.024	< 0.025
2-Nitrophenol	NS	NS	< 0.048	< 0.05	< 0.11	< 0.11	< 0.11	< 0.098	< 0.047	< 0.047	< 0.045	< 0.046	< 0.053	< 0.045	< 0.046
3&4-Methylphenol	NS	NS	< 0.052	< 0.053	< 0.11	< 0.12	< 0.11	< 0.1	< 0.05 J	< 0.05	< 0.048	< 0.049	< 0.056	< 0.048	< 0.049
3,3'-Dichlorobenzidine	2	100	< 0.03	< 0.031	< 0.067	< 0.072	< 0.066	< 0.061	< 0.029	< 0.029	< 0.028	< 0.029	< 0.033	< 0.028	< 0.028
3-Nitroaniline	NS	NS	< 0.028	< 0.029	< 0.062	< 0.066	< 0.061	< 0.057	< 0.027	< 0.027	< 0.026	< 0.026	< 0.03	< 0.026	< 0.026
4,6-Dinitro-2-methylphenol	NS	NS	< 0.076	< 0.078	< 0.17	< 0.18	< 0.17	< 0.15	< 0.074	< 0.074	< 0.071	< 0.072	< 0.083	< 0.07	< 0.072
4-Bromophenyl phenyl ether	NS	NS	< 0.018	< 0.019	< 0.041	< 0.043	< 0.04	< 0.037	< 0.018	< 0.018	< 0.017	< 0.017	< 0.02	< 0.017	< 0.017
4-Chloro-3-Methylphenol	10000	100	< 0.057	< 0.058	< 0.13	< 0.13	< 0.12	< 0.12	< 0.055	< 0.055	< 0.053	< 0.054	< 0.062	< 0.052	< 0.053
4-Chloroaniline	230	NS	< 0.015	< 0.015	< 0.034	< 0.036	< 0.033	< 0.031	< 0.015 J	< 0.015	< 0.014	< 0.014	< 0.016	< 0.014	< 0.014
4-Chlorophenyl phenyl ether	NS	NS	< 0.012	< 0.012	< 0.027	< 0.028	< 0.026	< 0.024	< 0.012	< 0.012	< 0.011	< 0.011	< 0.013	< 0.011	< 0.011
4-Nitroaniline	NS	NS	< 0.024	< 0.024	< 0.053	< 0.057	< 0.052	< 0.048	< 0.023	< 0.023	< 0.022	< 0.023	< 0.026	< 0.022	< 0.022
4-Nitrophenol	NS	NS	< 0.073	< 0.075	< 0.16	< 0.17	< 0.16	< 0.15	< 0.071	< 0.071	< 0.068	< 0.07	< 0.08	< 0.068	< 0.069
Acenaphthene	3400	100	< 0.013	< 0.014	< 0.029	< 0.032	< 0.029	< 0.027	< 0.013	< 0.013	< 0.012	< 0.013	< 0.014	< 0.012	< 0.012
Acenaphthylene	NS	NS	< 0.0085	< 0.0087	< 0.019	< 0.02	< 0.019	< 0.017	< 0.0082	< 0.0082	< 0.0078	< 0.008	< 0.0092	< 0.0078	< 0.008
Acetophenone	NS	NS	< 0.013	< 0.013	< 0.028	< 0.03	< 0.028	< 0.026	< 0.012	< 0.012	< 0.012	< 0.012	< 0.014	< 0.012	< 0.012
Anthracene	10000	100	< 0.038	< 0.039	< 0.085	< 0.091	< 0.084	< 0.078	< 0.037	< 0.037	< 0.036	< 0.036	< 0.042	< 0.035	< 0.036
Atrazine	NS	NS	< 0.024	< 0.025	< 0.053	< 0.057	< 0.052	< 0.049	< 0.023	< 0.023	< 0.022	< 0.023	< 0.026	< 0.022	< 0.023

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample ID	Direct Contact	Groundwater	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample Date	Soil Criteria	Soil Criteria	1/29/2008	1/29/2008	2/11/2008	2/11/2008	2/11/2008	2/11/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	< 0.0079 R	< 0.0081 R	< 0.018	< 0.019	< 0.017	< 0.016	< 0.0077	< 0.0077	< 0.0073	< 0.0075	< 0.0086	< 0.0073	< 0.0074
Benzo(a)anthracene	0.9	500	< 0.0086	< 0.0088	< 0.019	< 0.021	< 0.019	< 0.018	< 0.0084	< 0.0084	< 0.008	< 0.0082	< 0.0094	< 0.008	< 0.0081
Benzo(a)pyrene	0.66	100	< 0.02	< 0.021	< 0.045	< 0.049	< 0.045	< 0.042	< 0.02 J	< 0.02	< 0.019	< 0.019	< 0.022	< 0.019	< 0.019
Benzo(b)fluoranthene	0.9	50	< 0.014	< 0.014	< 0.03	< 0.032	< 0.03	< 0.028	< 0.013 J	< 0.013	< 0.013	< 0.013	< 0.015	< 0.013	< 0.013
Benzo(g,h,i)perylene	NS	NS	< 0.017	< 0.017	< 0.037	< 0.04	< 0.036	< 0.034	< 0.016 J	< 0.016	< 0.015	< 0.016	< 0.018	< 0.015	< 0.016
Benzo(k)fluoranthene	0.9	500	< 0.018	< 0.018	< 0.04	< 0.043	< 0.039	< 0.037	< 0.018 J	< 0.018	< 0.017	< 0.017	< 0.02	< 0.017	< 0.017
Benzyl butyl phthalate	1100	100	< 0.015	< 0.016	< 0.034	< 0.036	< 0.033	< 0.031	< 0.015	< 0.015	< 0.014	< 0.014	< 0.017	< 0.014	< 0.014
bis(2-Chloroethoxy)methane	NS	NS	< 0.016	< 0.017	< 0.036	< 0.039	< 0.036	< 0.033	< 0.016	< 0.016	< 0.015	< 0.015	< 0.018	< 0.015	< 0.015
bis(2-Chloroethyl)ether	0.66	10	< 0.019	< 0.02	< 0.042	< 0.045	< 0.042	< 0.039	< 0.019	< 0.019	< 0.018	< 0.018	< 0.021	< 0.018	< 0.018
bis(2-Chloroisopropyl)ether	2300	10	< 0.024	< 0.025	< 0.054	< 0.058	< 0.053	< 0.049	< 0.024	< 0.024	< 0.023	< 0.023	< 0.026	< 0.022	< 0.023
bis(2-Ethylhexyl)phthalate	49	100	< 0.025	< 0.026	< 0.056	0.127 J	0.106 J	< 0.051	< 0.024	< 0.024	< 0.023	< 0.024	0.0513 J	< 0.023	< 0.024
Caprolactam	NS	NS	< 0.022	< 0.023	< 0.049	< 0.053	< 0.049	< 0.045	< 0.022	< 0.022	< 0.021	< 0.021	< 0.024	< 0.021	< 0.021
Carbazole	NS	NS	< 0.014	< 0.014	< 0.031	< 0.033	< 0.031	< 0.029	< 0.014	< 0.014	< 0.013	< 0.013	< 0.015	< 0.013	< 0.013
Chrysene	9	500	< 0.017	< 0.017	< 0.038	< 0.04	< 0.037	< 0.034	< 0.016	< 0.016	< 0.016	< 0.016	< 0.018	< 0.016	< 0.016
Dibenzo(a,h)anthracene	0.66	100	< 0.011	< 0.011	< 0.024	< 0.025	< 0.023	< 0.022	< 0.01 J	< 0.01	< 0.0099	< 0.01	< 0.012	< 0.0099	< 0.01
Dibenzofuran	NS	NS	< 0.0082	< 0.0084	< 0.018	< 0.02	< 0.018	< 0.017	< 0.008	< 0.008	< 0.0076	< 0.0078	< 0.0089	< 0.0076	< 0.0077
Diethyl phthalate	10000	50	< 0.015	< 0.015	< 0.032	< 0.035	< 0.032	< 0.03	< 0.014	< 0.014	< 0.014	< 0.014	< 0.016	< 0.013	< 0.014
Dimethyl phthalate	10000	50	< 0.011	< 0.012	< 0.025	< 0.027	< 0.025	< 0.023	< 0.011	< 0.011	< 0.01	< 0.011	< 0.012	< 0.01	< 0.011
di-n-butyl phthalate	5700	100	< 0.012	< 0.012	< 0.026	< 0.028	< 0.025	< 0.024	< 0.011	< 0.011	< 0.011	< 0.011	< 0.013	< 0.011	< 0.011
di-n-octylphthalate	1100	100	< 0.017	< 0.018	< 0.038	< 0.041	< 0.037	< 0.035	< 0.017 J	< 0.017	< 0.016	< 0.016	< 0.019	< 0.016	< 0.016
Fluoranthene	2300	100	< 0.0078	< 0.0079	< 0.017	< 0.018	< 0.017	< 0.016	< 0.0075	< 0.0075	< 0.0072	< 0.0074	< 0.0084	< 0.0072	< 0.0073
Fluorene	2300	100	< 0.0084	< 0.0086	< 0.019	< 0.02	< 0.018	< 0.017	< 0.0082	< 0.0082	< 0.0078	< 0.008	< 0.0092	< 0.0078	< 0.0079
Hexachlorobenzene	0.66	100	< 0.02	< 0.021	< 0.045	< 0.048	< 0.044	< 0.041	< 0.02	< 0.02	< 0.019	< 0.019	< 0.022	< 0.019	< 0.019
Hexachlorobutadiene	1	100	< 0.019	< 0.02	< 0.043	< 0.046	< 0.042	< 0.039	< 0.019	< 0.019	< 0.018	< 0.018	< 0.021	< 0.018	< 0.018
Hexachlorocyclopentadiene	400	100	< 0.019	< 0.02	< 0.043	< 0.046	< 0.042	< 0.039	< 0.019	< 0.019	< 0.018	< 0.018	< 0.021	< 0.018	< 0.018
Hexachloroethane	6	100	< 0.017	< 0.018	< 0.039	< 0.041	< 0.038	< 0.035	< 0.017	< 0.017	< 0.016	< 0.016	< 0.019	< 0.016	< 0.016
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.039	< 0.04	< 0.086	< 0.092	< 0.085	< 0.079	< 0.038 J	< 0.038	< 0.036	< 0.037	< 0.042	< 0.036	< 0.037
Isophrone	1100	50	< 0.013	< 0.014	< 0.03	< 0.032	< 0.029	< 0.027	< 0.013	< 0.013	< 0.012	< 0.013	< 0.015	< 0.012	< 0.013
Naphthalene	230	100	< 0.0094	< 0.0097	< 0.021	< 0.022	< 0.021	< 0.019	< 0.0092	< 0.0092	< 0.0087	< 0.0089	< 0.01	< 0.0087	< 0.0089
Nitrobenzene	28	50	< 0.014	< 0.014	< 0.031	< 0.033	< 0.031	< 0.029	< 0.014	< 0.014	< 0.013	< 0.013	< 0.015	< 0.013	< 0.013
N-Nitroso-di-n-Propylamine	0.66	10	< 0.014	< 0.015	< 0.032	< 0.034	< 0.031	< 0.029	< 0.014	< 0.014	< 0.013	< 0.014	< 0.016	< 0.013	< 0.013
N-Nitrosodiphenylamine	140	1000	< 0.0092	< 0.0094	< 0.02	< 0.022	< 0.02	< 0.019	< 0.0089	< 0.0089	< 0.0085	< 0.0087	< 0.01	< 0.0085	< 0.0086
Pentachlorophenol	6	100	< 0.044	< 0.045	< 0.097	< 0.1	< 0.096	< 0.089	< 0.043	< 0.043	< 0.041	< 0.042	< 0.048	< 0.04	< 0.041
Phenanthrene	NS	NS	< 0.01	< 0.011	< 0.023	< 0.025	< 0.023	< 0.021	< 0.01	< 0.01	< 0.0097	< 0.0099	< 0.011	< 0.0096	< 0.0098
Phenol	10000	50	< 0.039	< 0.04	< 0.087	< 0.093	< 0.085	< 0.079	< 0.038 J	< 0.038	< 0.036	< 0.037	< 0.042	< 0.036	< 0.037
Pyrene	1700	100	< 0.015	< 0.015	< 0.032	< 0.034	< 0.032	< 0.029	< 0.014	< 0.014	< 0.013	< 0.014	< 0.016	< 0.013	< 0.014
Total TIC, Semi-Volatile	NS	NS	0.26 J	5.29 J	2.15 J	6.56 J	6.44 J	0	0	0	1.63 J	0.17 J	0.44 J	0	0.75 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample ID	Direct Contact	Groundwater	SR6-PE-44B	SR6-PE-45B	SR6-PE-46B	SR6-PE-47B	SR6-PE-48B	SR6-PE-49B	SR6-PE-50B	SR6-PE-51B	SR6-PE-52B	SR6-PE-53B	SR6-PE-54B	SR6-PE-55B	SR6-PE-56B
Sample Date	Soil Criteria	Soil Criteria	1/29/2008	1/29/2008	2/11/2008	2/11/2008	2/11/2008	2/11/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
PCBs															
PCB 1016	0.49	50	< 0.008	< 0.0082	< 0.0089	< 0.0094	< 0.0087	< 0.0081	< 0.0076	< 0.0078	< 0.0073	< 0.0076	< 0.0087	< 0.0074	< 0.0074
PCB 1221	0.49	50	< 0.025	< 0.026	< 0.028	< 0.03	< 0.027	< 0.026	< 0.024	< 0.025	< 0.023	< 0.024	< 0.027	< 0.023	< 0.024
PCB 1232	0.49	50	< 0.023	< 0.023	< 0.025	< 0.027	< 0.025	< 0.023	< 0.022	< 0.022	< 0.021	< 0.022	< 0.025	< 0.021	< 0.021
PCB 1242	0.49	50	< 0.013	< 0.014	< 0.015	< 0.016	< 0.015	< 0.014	< 0.013	< 0.013	< 0.012	< 0.013	< 0.015	< 0.012	< 0.012
PCB 1248	0.49	50	< 0.015	< 0.015	< 0.016	< 0.017	< 0.016	< 0.015	< 0.014	< 0.014	< 0.013	< 0.014	< 0.016	< 0.013	< 0.014
PCB 1254	0.49	50	< 0.02	< 0.02	< 0.022	< 0.023	< 0.022	< 0.02	< 0.019	< 0.019	< 0.018	< 0.019	< 0.022	< 0.018	< 0.019
PCB 1260	0.49	50	< 0.0085	< 0.0087	< 0.0094	< 0.0099	< 0.0092	< 0.0086	< 0.0081	< 0.0082	< 0.0078	< 0.008	< 0.0092	< 0.0078	< 0.0079
Total PCBs	0.49	50	0	0	0	0	0	0	0	0	0	0	0	0	0
Metals															
Aluminum	NS	NS	13400	24300	12300	13300	11200	15600	12300	14800	9940	10800	11600	10800	11100
Antimony	14	NS	1.5 BJ	2.2 BJ	< 0.35 J	< 0.35 J	0.95 BJ	< 0.3 J	< 0.3 J	< 0.28 J	< 0.27 J	< 0.27 J	< 0.34 J	< 0.28 J	< 0.3 J
Arsenic	20	NS	3.5	3.7	3.5	2.9	3.4	3.2	7.1	4.4	4.2	6.7	5.7	5.3	5
Barium	700	NS	74.9	52.9	74.3	77.5	126	83.7	57.3 J	70.9 J	38.6	43.6 J	48.5	58.3 J	37.1
Beryllium	2	NS	0.4 B	0.42 B	0.6 B	0.57 B	0.43 B	0.41 B	0.66	0.53 B	0.27 BJ	0.42 B	0.52 BJ	0.4 B	0.44 BJ
Cadmium	39	NS	0.26 B	0.35 B	0.38 B	0.31 B	0.38 B	0.25 B	< 0.03	< 0.028	< 0.027	< 0.027	< 0.034	< 0.028	< 0.03
Calcium	NS	NS	1280	385 B	1350	2100	5510	1630	797 J	1390 J	842	687 J	732	920 J	992
Chromium	240	NS	21.4	22.8	17.6	17.1	19.3	20.5	18	22.3	15.2	19	19	17.2	16.9
Cobalt	NS	NS	11.1	9.6	6.2 B	5.3 B	6.7	7.7	13.9	13.1	4.6 B	7.1	8	10.6	9.2
Copper	600	NS	63.9	24.6	25.6	15.9	28.6	25.1	33.9 J	26.9 J	10.6	34.8 J	28.6	19.9 J	17.8
Iron	NS	NS	25200 J	27400 J	27700 J	20300 J	16900 J	19800 J	30000	21000	18200 J	23600	23100 J	23300	21300 J
Lead	400	NS	6.7	7.5	12.6	22.7	99.7	13.8	8.9 J	16 J	6.5	7.7 J	7.2	16.3 J	6.9
Magnesium	NS	NS	4370 J	3380 J	2140	1950	4620	2770	3260	3470	2140	2490	2610	2710	2920
Manganese	NS	NS	547 J	158 J	426 J	449 J	432 J	197 J	580	487	128	270	508	383	234
Mercury	14	NS	0.024 B	0.038	< 0.027	0.075	0.043	< 0.028	< 0.024	< 0.025	< 0.023	< 0.024	< 0.028	< 0.024	< 0.024
Nickel	250	NS	19.2	18.5	10	9.2	12.6	11.4	16.6 J	14.5 J	9.6	11.3 J	13.9	11.6 J	13.2
Potassium	NS	NS	1580	1020 B	857 B	864 B	986 B	1110 B	897 BJ	1040 BJ	731 B	826 BJ	1000 B	777 BJ	811 B
Selenium	63	NS	< 1.5	< 1.4	0.88 B	0.67 B	< 0.34	< 0.32	< 0.33	< 0.31	0.3 B	< 0.3	< 0.36	< 0.3	< 0.33
Silver	110	NS	< 0.29	< 0.27	< 0.16	< 0.16	< 0.14	< 0.14	< 0.14	< 0.13	< 0.13	< 0.13	< 0.15	< 0.13	< 0.14
Sodium	NS	NS	632 BJ	609 BJ	66 B	95 B	89.2 B	61.1 B	75.8 B	76 B	38.7 B	62 B	37.9 B	67.3 B	48.1 B
Thallium	2	NS	< 0.98	< 0.92	< 0.19	< 0.19	< 0.17	< 0.16	< 0.16	< 0.15	< 0.15	< 0.15	< 0.18	< 0.15	< 0.16
Vanadium	370	NS	41.9	46.1	42.3	43.1	24.4	37.9	34.4	36.9	31.5	35.8	32.5	32.8	30.2
Zinc	1500	NS	38.2	51.8	35.3	35.2	58.2	38.4	51.2	41.7	26.8 J	32.2	38.6 J	30.5	33.6 J
Other															
Solids, Percent	NS	NS	79.4	77	71	66.4	72.5	77.7	82.2	81.1	86	83.2	73	85.5	84.1

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantific
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Cri
	Value is above the Impact to Groundwater Soil Cleanup Criteri

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	SR6-PE-69B
Sample ID	Direct Contact	Groundwater	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	DUP 4 (SR6-PE-69B)
Sample Date	Soil Criteria	Soil Criteria	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC															
1,1,1-Trichloroethane	210	50	< 0.00044	< 0.0005	< 0.00047	< 0.00053	< 0.00049	< 0.00043	< 0.00044	< 0.00048	< 0.00074	< 0.00056	< 0.0006	< 0.00064	< 0.00056
1,1,2,2-Tetrachloroethane	34	1	< 0.00021	< 0.00024	< 0.00023	< 0.00025	< 0.00024	< 0.0002	< 0.00021	< 0.00023	< 0.00036	< 0.00027	< 0.00029	< 0.00031	< 0.00027
1,1,2-Trichloroethane	22	1	< 0.00021	< 0.00024	< 0.00023	< 0.00026	< 0.00024	< 0.00021	< 0.00022	< 0.00023	< 0.00036	< 0.00027	< 0.00029	< 0.00031	< 0.00027
1,1-Dichloroethane	570	10	< 0.00032	< 0.00037	< 0.00035	< 0.00039	< 0.00037	< 0.00032	< 0.00033	< 0.00036	< 0.00055	< 0.00042	< 0.00045	< 0.00048	< 0.00042
1,1-Dichloroethene	8	10	< 0.00043	< 0.0005	< 0.00047	< 0.00053	< 0.00049	< 0.00042	< 0.00044	< 0.00048	< 0.00073	< 0.00055	< 0.0006	< 0.00064	< 0.00056
1,2,4-Trichlorobenzene	68	100	< 0.00035	< 0.0004	< 0.00038	< 0.00042	< 0.00039	< 0.00034	< 0.00035	< 0.00039	< 0.00059	< 0.00045	< 0.00048	< 0.00051	< 0.00045
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.0013	< 0.0014	< 0.0014	< 0.0015	< 0.0014	< 0.0012	< 0.0013	< 0.0014	< 0.0021	< 0.0016	< 0.0017	< 0.0018	< 0.0016
1,2-Dibromoethane	NS	NS	< 0.00033	< 0.00038	< 0.00036	< 0.00041	< 0.00038	< 0.00033	< 0.00034	< 0.00037	< 0.00057	< 0.00043	< 0.00046	< 0.00049	< 0.00043
1,2-Dichlorobenzene	5100	50	< 0.00031	< 0.00035	< 0.00033	< 0.00037	< 0.00035	< 0.0003	< 0.00031	< 0.00034	< 0.00052	< 0.00039	< 0.00042	< 0.00045	< 0.00039
1,2-Dichloroethane	6	1	< 0.00035	< 0.00041	< 0.00038	< 0.00043	< 0.0004	< 0.00035	< 0.00036	< 0.00039	< 0.0006	< 0.00045	< 0.00049	< 0.00052	< 0.00046
1,2-Dichloropropane	10	NS	< 0.00032	< 0.00037	< 0.00035	< 0.00039	< 0.00037	< 0.00032	< 0.00033	< 0.00036	< 0.00055	< 0.00042	< 0.00045	< 0.00048	< 0.00042
1,3-Dichlorobenzene	5100	100	< 0.00025	< 0.00029	< 0.00027	< 0.0003	< 0.00028	< 0.00025	< 0.00026	< 0.00028	< 0.00043	< 0.00032	< 0.00035	< 0.00037	< 0.00032
1,4-Dichlorobenzene	570	100	< 0.00026	< 0.0003	< 0.00028	< 0.00032	< 0.00029	< 0.00025	< 0.00026	< 0.00029	< 0.00044	< 0.00033	< 0.00036	< 0.00038	< 0.00033
2-Butanone (MEK)	1000	50	< 0.0018	< 0.0021	< 0.002	< 0.0022	< 0.0021	< 0.0018	< 0.0019	< 0.002	< 0.0031	< 0.0023	< 0.0025	0.017	< 0.0024
2-Hexanone	NS	NS	< 0.0016	< 0.0018	< 0.0017	< 0.0019	< 0.0018	< 0.0016	< 0.0016	< 0.0018	< 0.0027	< 0.002	< 0.0022	< 0.0023	< 0.002
4-methyl-2-pentanone (MIBK)	1000	50	< 0.002	< 0.0023	< 0.0021	< 0.0024	< 0.0022	< 0.0019	< 0.002	< 0.0022	< 0.0034	< 0.0025	< 0.0027	< 0.0029	< 0.0025
Acetone	1000	100	< 0.0018	< 0.0021	< 0.0019	< 0.0022	0.0087 J	< 0.0017	0.0055 J	< 0.002	< 0.003	0.0963	< 0.0025	0.0497	< 0.0023
Benzene	3	1	< 0.00029	< 0.00034	< 0.00032	< 0.00035	< 0.00033	< 0.00028	< 0.0003	< 0.00032	< 0.00049	< 0.00037	< 0.0004	< 0.00043	< 0.00037
Bromodichloromethane	11	1	< 0.00022	< 0.00025	< 0.00023	< 0.00026	< 0.00024	< 0.00021	< 0.00022	< 0.00024	< 0.00037	< 0.00028	< 0.0003	< 0.00032	< 0.00028
Bromoform	86	1	< 0.00028	< 0.00032	< 0.0003	< 0.00034	< 0.00031	< 0.00027	< 0.00028	< 0.00031	< 0.00047	< 0.00036	< 0.00038	< 0.00041	< 0.00036
Bromomethane	79	1	< 0.00073	< 0.00084	< 0.00079	< 0.00089	< 0.00083	< 0.00071	< 0.00074	< 0.00081	< 0.0012	< 0.00093	< 0.001	< 0.0011	< 0.00094
Carbon disulfide	NS	NS	< 0.00042	< 0.00048	< 0.00045	< 0.0005	< 0.00047	< 0.00041	< 0.00042	< 0.00046	< 0.0007	< 0.00053	< 0.00057	< 0.00061	< 0.00053
Carbon tetrachloride	2	1	< 0.00078	< 0.00089	< 0.00084	< 0.00094	< 0.00088	< 0.00076	< 0.00079	< 0.00086	< 0.0013	< 0.00099	< 0.0011	< 0.0011	< 0.001
Chlorobenzene	37	1	< 0.00025	< 0.00028	< 0.00027	< 0.0003	< 0.00028	< 0.00024	< 0.00025	< 0.00027	< 0.00042	< 0.00032	< 0.00034	< 0.00036	< 0.00032
Chloroethane	NS	NS	< 0.00056	< 0.00065	< 0.00061	< 0.00068	< 0.00064	< 0.00055	< 0.00057	< 0.00063	< 0.00096	< 0.00072	< 0.00078	< 0.00083	< 0.00072
Chloroform	19	1	< 0.00038	< 0.00044	< 0.00042	< 0.00047	< 0.00044	< 0.00038	< 0.00039	< 0.00043	< 0.00065	< 0.00049	< 0.00053	< 0.00056	< 0.00049
Chloromethane	520	10	< 0.00059	< 0.00067	< 0.00063	< 0.00071	< 0.00066	< 0.00057	< 0.0006	< 0.00065	< 0.00099	< 0.00075	< 0.00081	< 0.00086	< 0.00075
cis-1,2-Dichloroethene	79	1	< 0.0003	< 0.00034	< 0.00032	< 0.00036	< 0.00034	< 0.00029	< 0.0003	< 0.00033	< 0.00051	< 0.00038	< 0.00041	< 0.00044	< 0.00038
cis-1,3-Dichloropropene	4	1	< 0.0002	< 0.00023	< 0.00022	< 0.00024	< 0.00023	< 0.0002	< 0.0002	< 0.00022	< 0.00034	< 0.00026	< 0.00028	< 0.0003	< 0.00026
Cyclohexane	NS	NS	< 0.0003	< 0.00034	< 0.00032	< 0.00036	< 0.00034	< 0.00029	< 0.0003	< 0.00033	< 0.0005	< 0.00038	< 0.00041	< 0.00043	< 0.00038
Dibromochloromethane	110	1	< 0.00022	< 0.00026	< 0.00024	< 0.00027	< 0.00025	< 0.00022	< 0.00023	< 0.00025	< 0.00038	< 0.00029	< 0.00031	< 0.00033	< 0.00029
Dichlorodifluoromethane	NS	NS	< 0.0013	< 0.0015	< 0.0014	< 0.0016	< 0.0015	< 0.0013	< 0.0013	< 0.0015	< 0.0022	< 0.0017	< 0.0018	< 0.0019	< 0.0017
Ethylbenzene	1000	100	< 0.00034	< 0.00039	< 0.00036	< 0.00041	< 0.00038	< 0.00033	< 0.00034	< 0.00037	< 0.00057	< 0.00043	< 0.00046	< 0.00049	< 0.00043
Freon 113	NS	NS	< 0.00089	< 0.001	< 0.00096	< 0.0011	< 0.001	< 0.00087	< 0.0009	< 0.00098	< 0.0015	< 0.0011	< 0.0012	< 0.0013	< 0.0011
Isopropylbenzene	NS	NS	< 0.00037	< 0.00043	< 0.0004	< 0.00045	< 0.00042	< 0.00036	< 0.00038	< 0.00041	< 0.00063	< 0.00047	< 0.00051	< 0.00054	< 0.00047
Methyl acetate	NS	NS	< 0.0018	< 0.002	< 0.0019	< 0.0022	< 0.002	< 0.0017	< 0.0018	< 0.002	< 0.003	< 0.0023	< 0.0024	< 0.0026	< 0.0023
Methyl tert butyl ether	NS	NS	< 0.00029	< 0.00034	< 0.00032	< 0.00036	< 0.00033	< 0.00029	< 0.0003	< 0.00033	< 0.0005	< 0.00038	< 0.0004	< 0.00043	< 0.00038
Methylcyclohexane	NS	NS	< 0.00029	< 0.00034	< 0.00032	< 0.00036	< 0.00033	< 0.00029	< 0.0003	< 0.00033	< 0.0005	< 0.00038	< 0.0004	< 0.00043	< 0.00038
Methylene chloride	49	1	0.0021 J	< 0.00028	< 0.00026	0.0027 J	0.0048	0.0018 J	0.0036 J	0.002 J	0.0021 J	< 0.00031	< 0.00033	0.0025 J	< 0.00031
o-Xylene	NS	NS	< 0.00025	< 0.00029	< 0.00027	< 0.0003	< 0.00028	< 0.00024	< 0.00025	< 0.00028	< 0.00042	< 0.00032	< 0.00034	< 0.00036	< 0.00032
Styrene	23	100	< 0.00024	< 0.00027	< 0.00026	< 0.00029	< 0.00027	< 0.00023	< 0.00024	< 0.00026	< 0.0004	< 0.0003	< 0.00033	< 0.00035	< 0.00031
Tetrachloroethene	4	1	< 0.00039	< 0.00044	< 0.00042	< 0.00047	< 0.00044	< 0.00038	< 0.00039	< 0.00043	< 0.00065	< 0.00049	< 0.00053	< 0.00057	< 0.0005
Toluene	1000	500	< 0.00027	< 0.00031	< 0.00029	< 0.00033	< 0.00031	< 0.00027	< 0.00028	< 0.0003	< 0.00046	< 0.00035	< 0.00038	0.0033	< 0.00035
Trans-1,2-dichloroethene	1000	50	< 0.00027	< 0.00031	< 0.00029	< 0.00032	< 0.0003	< 0.00026	< 0.00027	< 0.0003	< 0.00045	< 0.00034	< 0.00037	< 0.00039	< 0.00034
trans-1,3-Dichloropropene	4	1	< 0.00021	< 0.00024	< 0.00022	< 0.00025	< 0.00023	< 0.0002	< 0.00021	< 0.00023	< 0.00035	< 0.00026	< 0.00028	< 0.0003	< 0.00027
Trichloroethene	23	1	< 0.00024	< 0.00028	< 0.00026	< 0.00029	< 0.00028	< 0.00024	< 0.00025	< 0.00027	< 0.00041	< 0.00031	< 0.00034	< 0.00036	< 0.00031
Trichlorofluoromethane	NS	NS	< 0.0024	< 0.0027	< 0.0026	< 0.0029	< 0.0027	< 0.0023	< 0.0024	< 0.0027	< 0.004	< 0.0031	< 0.0033	< 0.0035	< 0.0031
Vinyl Chloride	2	10	< 0.00052	< 0.0006	< 0.00057	< 0.00064	< 0.00059	< 0.00051	< 0.00053	< 0.00058	< 0.00089	< 0.00067	< 0.00072	< 0.00077	< 0.00067
Xylene, -m,p	NS	NS	< 0.00055	< 0.00063	< 0.00059	< 0.00066	< 0.00062	< 0.00053	< 0.00056	< 0.00061	< 0.00093	< 0.0007	< 0.00075	< 0.0008	< 0.0007
Xylenes	410	67	< 0.00025	< 0.00029	< 0.00027	< 0.0003	< 0.00028	< 0.00024	< 0.00025	< 0.00028	< 0.00042	< 0.00032	< 0.00034	< 0.00036	< 0.00032
Total TIC, Volatile	NS	NS	0	0	0	0	0	0	0	0	0.087 J	0	0	0	0.0057 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	SR6-PE-69B
Sample ID	Direct Contact	Groundwater	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	DUP 4 (SR6-PE-69B)
Sample Date	Soil Criteria	Soil Criteria	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC															
1,1'-Biphenyl	NS	NS	< 0.01	< 0.011	< 0.01	< 0.011	< 0.021	< 0.01	< 0.02	< 0.011	< 0.012	< 0.021	< 0.023	< 0.012	< 0.011
2,4,5-Trichlorophenol	5600	50	< 0.071	< 0.077	< 0.072	< 0.074	< 0.15	< 0.071	< 0.14	< 0.074	< 0.084	< 0.15	< 0.16	< 0.081	< 0.076
2,4,6-Trichlorophenol	62	10	< 0.076	< 0.082	< 0.076	< 0.079	< 0.16	< 0.075	< 0.15	< 0.079	< 0.089	< 0.16	< 0.17	< 0.086	< 0.081
2,4-Dichlorophenol	170	10	< 0.039	< 0.042	< 0.039	< 0.041	< 0.08	< 0.039	< 0.078	< 0.041	< 0.046	< 0.08	< 0.086	< 0.045	< 0.042
2,4-Dimethylphenol	1100	10	< 0.046	< 0.05	< 0.046	< 0.048	< 0.094	< 0.045	< 0.092	< 0.048	< 0.054	< 0.094	< 0.1	< 0.052	< 0.049
2,4-Dinitrophenol	110	10	< 0.041	< 0.045	< 0.042	< 0.043	< 0.085	< 0.041	< 0.083	< 0.043	< 0.048	< 0.085	< 0.091	< 0.047	< 0.044
2,4-Dinitrotoluene	1	10	< 0.012	< 0.013 J	< 0.012	< 0.013 J	< 0.025 J	< 0.012	< 0.024 J	< 0.013	< 0.014	< 0.025 J	< 0.027 J	< 0.014	< 0.013 J
2,6-Dinitrotoluene	1	10	< 0.015	< 0.016 J	< 0.015	< 0.016 J	< 0.031 J	< 0.015	< 0.03 J	< 0.016	< 0.018	< 0.031 J	< 0.033 J	< 0.017	< 0.016 J
2-Chloronaphthalene	NS	NS	< 0.011	< 0.012	< 0.011	< 0.012	< 0.023	< 0.011	< 0.023	< 0.012	< 0.013	< 0.023	< 0.025	< 0.013	< 0.012
2-Chlorophenol	280	10	< 0.024	< 0.026	< 0.024	< 0.025	< 0.049	< 0.024	< 0.048 J	< 0.025	< 0.028	< 0.049	< 0.053	< 0.027	< 0.025
2-Methylnaphthalene	NS	NS	< 0.034	< 0.037	< 0.034	< 0.035	< 0.069	< 0.033	< 0.068	< 0.035	< 0.039	< 0.069	< 0.074	< 0.038	< 0.036
2-Methylphenol	2800	NS	< 0.036	< 0.039	< 0.037	< 0.038	< 0.075	< 0.036	< 0.073	< 0.038	< 0.043	< 0.075	< 0.08	< 0.041	< 0.039
2-Nitroaniline	NS	NS	< 0.024	< 0.026	< 0.024	< 0.025	< 0.049	< 0.024	< 0.048	< 0.025	< 0.028	< 0.049	< 0.053	< 0.027	< 0.025
2-Nitrophenol	NS	NS	< 0.043	< 0.047	< 0.044	< 0.045	< 0.09	< 0.043	< 0.087	< 0.045	< 0.051	< 0.09	< 0.096	< 0.05	< 0.046
3&4-Methylphenol	NS	NS	< 0.046	< 0.05	< 0.047	< 0.049	< 0.096	< 0.046	< 0.093	< 0.048	< 0.055	< 0.096	< 0.1 J	< 0.053	< 0.05
3,3'-Dichlorobenzidine	2	100	< 0.027	< 0.029	< 0.027	< 0.028	< 0.056	< 0.027	< 0.055	< 0.028	< 0.032	< 0.056	< 0.06	< 0.031	< 0.029
3-Nitroaniline	NS	NS	< 0.025	< 0.027	< 0.025	< 0.026	< 0.052	< 0.025	< 0.05	< 0.026	< 0.029	< 0.052	< 0.055	< 0.029	< 0.027
4,6-Dinitro-2-methylphenol	NS	NS	< 0.069	< 0.074	< 0.069	< 0.072	< 0.14	< 0.068	< 0.14	< 0.071	< 0.081	< 0.14	< 0.15	< 0.078	< 0.073
4-Bromophenyl phenyl ether	NS	NS	< 0.016	< 0.018	< 0.017	< 0.017	< 0.034	< 0.016	< 0.033	< 0.017	< 0.019	< 0.034	< 0.036	< 0.019	< 0.017
4-Chloro-3-Methylphenol	10000	100	< 0.051	< 0.055	< 0.051	< 0.053	< 0.11	< 0.05	< 0.1	< 0.053	< 0.06	< 0.11	< 0.11	< 0.058	< 0.054
4-Chloroaniline	230	NS	< 0.014	< 0.015	< 0.014	< 0.014	< 0.028	< 0.013	< 0.027	< 0.014	< 0.016	< 0.028	< 0.03 J	< 0.015	< 0.014
4-Chlorophenyl phenyl ether	NS	NS	< 0.011	< 0.012	< 0.011	< 0.011	< 0.022	< 0.011	< 0.022	< 0.011	< 0.013	< 0.022	< 0.024	< 0.012	< 0.011
4-Nitroaniline	NS	NS	< 0.021	< 0.023	< 0.022	< 0.022	< 0.044	< 0.021	< 0.043	< 0.022	< 0.025	< 0.044	< 0.047	< 0.024	< 0.023
4-Nitrophenol	NS	NS	< 0.066	< 0.072	< 0.067	< 0.069	< 0.14	< 0.065	< 0.13	< 0.069	< 0.077	< 0.14	< 0.15	< 0.075	< 0.07
Acenaphthene	3400	100	< 0.012	< 0.013	< 0.012	< 0.012	< 0.025	< 0.012	< 0.024	< 0.012	< 0.014	< 0.025	< 0.026	< 0.014	< 0.013
Acenaphthylene	NS	NS	< 0.0076	< 0.0083	< 0.0077	< 0.0079	< 0.016	< 0.0075	< 0.015	< 0.0079	< 0.0089	< 0.016	< 0.017	< 0.0087	< 0.0081
Acetophenone	NS	NS	< 0.011	< 0.012	< 0.011	< 0.012	< 0.023	< 0.011	< 0.023	< 0.012	< 0.013	< 0.023	< 0.025	< 0.013	< 0.012
Anthracene	10000	100	< 0.034	< 0.037	< 0.035	< 0.036	< 0.071	< 0.034	< 0.069	< 0.036	< 0.041	< 0.071	< 0.076	< 0.039	< 0.037
Atrazine	NS	NS	< 0.021	< 0.023	< 0.022	< 0.022	< 0.044	< 0.021	< 0.043	< 0.022	< 0.025	< 0.044	< 0.048	< 0.025	< 0.023

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	SR6-PE-69B
Sample ID	Direct Contact	Groundwater	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	DUP 4 (SR6-PE-69B)
Sample Date	Soil Criteria	Soil Criteria	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	< 0.0071	< 0.0077	< 0.0072	< 0.0074	< 0.015	< 0.007	< 0.014	< 0.0074	< 0.0083	< 0.015	< 0.016	< 0.0081	< 0.0075
Benzo(a)anthracene	0.9	500	< 0.0078	< 0.0084	< 0.0078	< 0.0081	< 0.016	< 0.0077	< 0.016	< 0.0081	< 0.0091	< 0.016	< 0.017	0.0111 J	< 0.0083
Benzo(a)pyrene	0.66	100	< 0.018	< 0.02	< 0.019	< 0.019	< 0.038	< 0.018	< 0.037	< 0.019	< 0.022	< 0.038	< 0.041 J	< 0.021	< 0.02
Benzo(b)fluoranthene	0.9	50	< 0.012	< 0.013	< 0.012	< 0.013	< 0.025	< 0.012	< 0.025	< 0.013	< 0.014	< 0.025	< 0.027 J	< 0.014	< 0.013
Benzo(g,h,i)perylene	NS	NS	< 0.015	< 0.016	< 0.015	< 0.016	< 0.031	< 0.015	< 0.03	< 0.016	< 0.018	< 0.031	< 0.033 J	< 0.017	< 0.016
Benzo(k)fluoranthene	0.9	500	< 0.016	< 0.018	< 0.016	< 0.017	< 0.033	< 0.016	< 0.033	< 0.017	< 0.019	< 0.033	< 0.036 J	< 0.018	< 0.017
Benzyl butyl phthalate	1100	100	< 0.014	< 0.015	< 0.014	< 0.014	< 0.028	< 0.014	< 0.027	< 0.014	< 0.016	< 0.028	< 0.03	< 0.016	< 0.015
bis(2-Chloroethoxy)methane	NS	NS	< 0.015	< 0.016	< 0.015	< 0.015	< 0.03	< 0.014	< 0.029	< 0.015	< 0.017	< 0.03	< 0.032	< 0.017	< 0.016
bis(2-Chloroethyl)ether	0.66	10	< 0.017	< 0.019	< 0.017	< 0.018	< 0.035	< 0.017	< 0.035	< 0.018	< 0.02	< 0.035	< 0.038	< 0.02	< 0.018
bis(2-Chloroisopropyl)ether	2300	10	< 0.022	< 0.024	< 0.022	< 0.023	< 0.045	< 0.022	< 0.044 J	< 0.023	< 0.026	< 0.045	< 0.048	< 0.025	< 0.023
bis(2-Ethylhexyl)phthalate	49	100	< 0.023	< 0.025	< 0.023	< 0.024	0.169	< 0.022	< 0.045	< 0.023	< 0.027	< 0.047	< 0.05	0.0439 J	< 0.024
Caprolactam	NS	NS	< 0.02	< 0.022	< 0.02	< 0.021	< 0.041	< 0.02	< 0.04	< 0.021	< 0.024	< 0.041	< 0.044	< 0.023	< 0.021
Carbazole	NS	NS	< 0.013	< 0.014	< 0.013	< 0.013	< 0.026	< 0.013	< 0.025	< 0.013	< 0.015	< 0.026	< 0.028	< 0.014	< 0.013
Chrysene	9	500	< 0.015	< 0.016	< 0.015	< 0.016	< 0.031	< 0.015	< 0.031	< 0.016	< 0.018	< 0.031	< 0.034	< 0.017	< 0.016
Dibenzo(a,h)anthracene	0.66	100	< 0.0096	< 0.01	< 0.0097	< 0.01	< 0.02	< 0.0095	< 0.019	< 0.01	< 0.011	< 0.02	< 0.021 J	< 0.011	< 0.01
Dibenzofuran	NS	NS	< 0.0074	< 0.008	< 0.0075	< 0.0077	< 0.015	< 0.0073	< 0.015	< 0.0077	< 0.0087	< 0.015	< 0.016	< 0.0084	< 0.0079
Diethyl phthalate	10000	50	< 0.013	< 0.014	< 0.013	< 0.014	< 0.027	< 0.013	< 0.026	< 0.014	< 0.015	< 0.027	< 0.029	< 0.015	< 0.014
Dimethyl phthalate	10000	50	< 0.01	< 0.011	< 0.01	< 0.011	< 0.021	< 0.01	< 0.02	< 0.011	< 0.012	< 0.021	< 0.022	< 0.012	< 0.011
di-n-butyl phthalate	5700	100	< 0.01	< 0.011	< 0.011	< 0.011	< 0.022	< 0.01	< 0.021	< 0.011	< 0.012	< 0.021	< 0.023	< 0.012	< 0.011
di-n-octylphthalate	1100	100	< 0.015	< 0.017	< 0.016	< 0.016	< 0.032	< 0.015	< 0.031	< 0.016	< 0.018	< 0.032	< 0.034 J	< 0.018	< 0.016
Fluoranthene	2300	100	< 0.007	< 0.0076	< 0.007	< 0.0073	< 0.014	< 0.0069	< 0.014	< 0.0073	< 0.0082	< 0.014	< 0.015	0.0224 J	0.0115 J
Fluorene	2300	100	< 0.0076	< 0.0082	< 0.0076	< 0.0079	< 0.016	< 0.0075	< 0.015	< 0.0079	< 0.0089	< 0.016	< 0.017	< 0.0086	< 0.0081
Hexachlorobenzene	0.66	100	< 0.018	< 0.02	< 0.018	< 0.019	< 0.038	< 0.018	< 0.037	< 0.019	< 0.021	< 0.037	< 0.04	< 0.021	< 0.019
Hexachlorobutadiene	1	100	< 0.017	< 0.019	< 0.018	< 0.018	< 0.036	< 0.017	< 0.035 J	< 0.018	< 0.02	< 0.036	< 0.038	< 0.02	< 0.019
Hexachlorocyclopentadiene	400	100	< 0.017	< 0.019	< 0.018	< 0.018	< 0.036	< 0.017	< 0.035	< 0.018	< 0.02	< 0.036	< 0.038	< 0.02	< 0.019
Hexachloroethane	6	100	< 0.016	< 0.017	< 0.016	< 0.016	< 0.032	< 0.015	< 0.031	< 0.016	< 0.018	< 0.032	< 0.035	< 0.018	< 0.017
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.035	< 0.038	< 0.035	< 0.037	< 0.072	< 0.035	< 0.07	< 0.036	< 0.041	< 0.072	< 0.077 J	< 0.04	< 0.037
Isophrone	1100	50	< 0.012	< 0.013	< 0.012	< 0.013	< 0.025	< 0.012	< 0.024 J	< 0.013	< 0.014	< 0.025	< 0.027	< 0.014	< 0.013
Naphthalene	230	100	< 0.0085	< 0.0092	< 0.0086	< 0.0088	< 0.017	< 0.0084	< 0.017	< 0.0088	< 0.01	< 0.017	< 0.019	< 0.0097	< 0.009
Nitrobenzene	28	50	< 0.013	< 0.014	< 0.013	< 0.013	< 0.026	< 0.013	< 0.025	< 0.013	< 0.015	< 0.026	< 0.028	< 0.014	< 0.013
N-Nitroso-di-n-Propylamine	0.66	10	< 0.013	< 0.014	< 0.013	< 0.013	< 0.026	< 0.013	< 0.026	< 0.013	< 0.015	< 0.026	< 0.028	< 0.015	< 0.014
N-Nitrosodiphenylamine	140	1000	< 0.0082	< 0.009	< 0.0083	< 0.0086	< 0.017	< 0.0082	< 0.017	< 0.0086	< 0.0097	< 0.017	< 0.018	< 0.0094	< 0.0088
Pentachlorophenol	6	100	< 0.039	< 0.043	< 0.04	< 0.041	< 0.081	< 0.039	< 0.079	< 0.041	< 0.046	< 0.081	< 0.087	< 0.045	< 0.042
Phenanthrene	NS	NS	< 0.0094	< 0.01	< 0.0095	< 0.0098	< 0.019	< 0.0093	< 0.019	< 0.0098	< 0.011	< 0.019	< 0.021	0.0161 J	< 0.01
Phenol	10000	50	< 0.035	< 0.038	< 0.035	< 0.037	< 0.072	< 0.035	< 0.07	< 0.036	< 0.041	< 0.072	< 0.077 J	< 0.04	< 0.037
Pyrene	1700	100	< 0.013	< 0.014	< 0.013	< 0.014	< 0.027	< 0.013	< 0.026	< 0.014	< 0.015	< 0.027	< 0.029	0.0196 J	< 0.014
Total TIC, Semi-Volatile	NS	NS	0.15 J	1.03 J	2.82 J	0.64 J	1.3 J	0.67 J	1.5 J	3 J	0.84 J	6.21 J	2.62 J	27.08 J	15.69 J

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	SR6-PE-69B
Sample ID	Direct Contact	Groundwater	SR6-PE-57B	SR6-PE-58B	SR6-PE-59B	SR6-PE-60B	SR6-PE-61B	SR6-PE-62B	SR6-PE-63B	SR6-PE-64B	SR6-PE-65B	SR6-PE-66B	SR6-PE-67B	SR6-PE-68B	DUP 4 (SR6-PE-69B)
Sample Date	Soil Criteria	Soil Criteria	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/21/2008	4/21/2008	4/22/2008	4/21/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
PCBs															
PCB 1016	0.49	50	< 0.007	< 0.0077	< 0.0072	< 0.0075	< 0.0074	< 0.007	< 0.0071	< 0.0074	< 0.0084	< 0.0073	< 0.0079	< 0.0081	< 0.0076
PCB 1221	0.49	50	< 0.022	< 0.025	< 0.023	< 0.024	< 0.023	< 0.022	< 0.023	< 0.023	< 0.027	< 0.023	< 0.025	< 0.026	< 0.024
PCB 1232	0.49	50	< 0.02	< 0.022	< 0.021	< 0.022	< 0.021	< 0.02	< 0.02	< 0.021	< 0.024	< 0.021	< 0.023	< 0.023	< 0.022
PCB 1242	0.49	50	< 0.012	< 0.013	< 0.012	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	< 0.014	< 0.012	< 0.013	< 0.014	< 0.013
PCB 1248	0.49	50	< 0.013	< 0.014	< 0.013	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	< 0.015	< 0.013	< 0.014	< 0.015	< 0.014
PCB 1254	0.49	50	< 0.017	< 0.019	< 0.018	< 0.019	< 0.018	< 0.017	< 0.018	< 0.018	< 0.021	< 0.018	< 0.02	< 0.02	< 0.019
PCB 1260	0.49	50	< 0.0074	< 0.0082	< 0.0077	< 0.008	< 0.0078	< 0.0074	< 0.0076	< 0.0078	< 0.0089	< 0.0077	< 0.0084	< 0.0086	< 0.0081
Total PCBs	0.49	50	0	0	0	0	0	0	0	0	0	0	0	0	0
Metals															
Aluminum	NS	NS	11400	11200	10900	12900	11000	11800	12600	15700	13200	24800	27600	18100	12400
Antimony	14	NS	< 0.28 J	< 0.3 J	< 0.26 J	< 0.27 J	< 0.28 J	< 0.27 J	< 0.26 J	< 0.28 J	< 0.31 J	< 0.28 J	< 0.29 J	< 0.31 J	< 0.28 J
Arsenic	20	NS	4.2	4.5	4.2	6.5	4.6	4.5	3.7	4.5	5.5	4.8	5.2	5.9	4.8
Barium	700	NS	48.9	41.7 J	36.7	46.3 J	47.5 J	58	38.3 J	64.7	58	83.1 J	73.9 J	89.6	40.1 J
Beryllium	2	NS	0.47 BJ	0.42 B	0.45 BJ	0.46 B	0.46 B	0.53 BJ	0.42 B	0.41 BJ	0.49 BJ	0.21 B	0.5 B	0.27 BJ	0.34 B
Cadmium	39	NS	0.035 B	< 0.03	< 0.026	< 0.027	< 0.028	< 0.027	< 0.026	0.059 B	< 0.031	0.058 B	0.06 B	0.19 B	< 0.028
Calcium	NS	NS	892	768 J	885	969 J	725 J	1060	467 BJ	967	841	560 BJ	372 BJ	2420	2440 J
Chromium	240	NS	15.6	17.9	14.2	22.5	19.7	16.4	13.7	29.9	21.7	31.9	27.7	34.7	17.5
Cobalt	NS	NS	9.1	6.8	8.8	22	10.1	9.5	8.2	14.1	9.6	17.2	13.1	11.6	7.5
Copper	600	NS	30.5	26.1 J	35.6	26.8 J	38.9 J	29.9	22.9 J	38.3	53	50.9 J	33.7 J	25.1	17 J
Iron	NS	NS	21400 J	19400	20700 J	28800	24300	22400 J	18700	30700 J	27800 J	35700	32800	33200 J	22200
Lead	400	NS	7.4	8.4 J	6.7	10.5 J	8.7 J	5.9	5.4 J	6.4	7.2	11.5 J	8.9 J	54	22.2 J
Magnesium	NS	NS	3180	3080	3100	3730	3830	3320	2840	6720	3430	7050	4170	6270	3250
Manganese	NS	NS	424	145	320	675	588	420	305	360	171	175	166	271	178
Mercury	14	NS	0.023 B	< 0.023	0.037	0.027 B	< 0.023	< 0.025	0.024 B	0.023 B	0.027 B	0.048	0.072	0.1	0.074
Nickel	250	NS	15.9	12.9 J	15.3	14.9 J	16.4 J	16.7	14.4 J	21.8	14.6	27 J	19.7 J	22.5	13.4 J
Potassium	NS	NS	853 B	934 BJ	814 B	1070 BJ	985 BJ	953 B	744 BJ	2310	1410	2490 J	1320 J	2550	977 BJ
Selenium	63	NS	< 0.31	< 0.33	< 0.28	< 0.3	< 0.3	< 0.29	< 0.28	< 0.31	< 0.34	< 0.3	0.45 B	0.34 B	0.31 B
Silver	110	NS	< 0.13	< 0.14	< 0.12	< 0.13	< 0.13	< 0.12	< 0.12	< 0.13	< 0.14	< 0.13	< 0.13	< 0.14	< 0.13
Sodium	NS	NS	57.8 B	71.2 B	42.7 B	68.1 B	68 B	57.6 B	78.6 B	68.3 B	22.2 B	79.7 B	61.7 B	73.6 B	71.2 B
Thallium	2	NS	< 0.15	< 0.16	< 0.14	< 0.15	< 0.15	< 0.15	< 0.14	< 0.15	< 0.17	< 0.15	< 0.16	< 0.17	< 0.15
Vanadium	370	NS	25.8	32.6	27.7	42.3	31.4	26.7	23.8	53.4	46	58.3	50.6	61.8	37.5
Zinc	1500	NS	37.2 J	32.4	32.4 J	30.7	34.4	36.3 J	28.9	34.4 J	29.8 J	53	56.2	83.1 J	44
Other															
Solids, Percent	NS	NS	88.7	81.9	87.2	84.3	85.9	89.5	88.5	84.9	75.7	85.7	79.5	77.6	82.4

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantific
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Cri
	Value is above the Impact to Groundwater Soil Cleanup Criteri

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TB	TB
Sample ID	Direct Contact	Groundwater	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TRIP BLANK-012808	TRIPBLANK-012908
Sample Date	Soil Criteria	Soil Criteria	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/22/2008	4/21/2008	1/28/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
VOC													
1,1,1-Trichloroethane	210	50	< 0.00057	< 0.00081	< 0.00065	< 0.00054	< 0.00064	< 0.00056	< 0.00053	< 0.00048	< 0.00051	< 0.3	< 0.3
1,1,2,2-Tetrachloroethane	34	1	< 0.00027	< 0.00039	< 0.00031	< 0.00026	< 0.00031	< 0.00027	< 0.00025	< 0.00023	< 0.00025	< 0.8	< 0.8
1,1,2-Trichloroethane	22	1	< 0.00028	< 0.00039	< 0.00031	< 0.00026	< 0.00031	< 0.00027	< 0.00025	< 0.00023	< 0.00025	< 0.49	< 0.49
1,1-Dichloroethane	570	10	< 0.00042	< 0.00061	< 0.00048	< 0.0004	< 0.00048	< 0.00041	< 0.00039	< 0.00036	< 0.00038	< 0.2	< 0.2
1,1-Dichloroethene	8	10	< 0.00057	< 0.00081	< 0.00064	< 0.00054	< 0.00064	< 0.00055	< 0.00052	< 0.00048	< 0.00051	< 0.28	< 0.28
1,2,4-Trichlorobenzene	68	100	< 0.00045	< 0.00065	< 0.00052	< 0.00043	< 0.00051	< 0.00044	< 0.00042	< 0.00038	< 0.00041	< 0.41	< 0.41
1,2-Dibromo-3-Chloropropane (DBCP)	NS	NS	< 0.0016	< 0.0023	< 0.0019	< 0.0016	< 0.0018	< 0.0016	< 0.0015	< 0.0014	< 0.0015	< 0.8	< 0.8
1,2-Dibromoethane	NS	NS	< 0.00044	< 0.00062	< 0.0005	< 0.00042	< 0.00049	< 0.00043	< 0.0004	< 0.00037	< 0.00039	< 0.45	< 0.45
1,2-Dichlorobenzene	5100	50	< 0.0004	< 0.00057	< 0.00045	< 0.00038	< 0.00045	< 0.00039	< 0.00037	< 0.00034	< 0.00036	< 0.2	< 0.2
1,2-Dichloroethane	6	1	< 0.00046	< 0.00066	< 0.00053	< 0.00044	< 0.00052	< 0.00045	< 0.00043	< 0.00039	< 0.00041	< 0.29	< 0.29
1,2-Dichloropropane	10	NS	< 0.00042	< 0.00061	< 0.00048	< 0.0004	< 0.00048	< 0.00041	< 0.00039	< 0.00036	< 0.00038	< 0.24	< 0.24
1,3-Dichlorobenzene	5100	100	< 0.00033	< 0.00047	< 0.00037	< 0.00031	< 0.00037	< 0.00032	< 0.0003	< 0.00028	< 0.00029	< 0.21	< 0.21
1,4-Dichlorobenzene	570	100	< 0.00034	< 0.00049	< 0.00039	< 0.00032	< 0.00038	< 0.00033	< 0.00031	< 0.00029	< 0.0003	< 0.17	< 0.17
2-Butanone (MEK)	1000	50	< 0.0024	< 0.0034	< 0.0027	< 0.0023	< 0.0027	< 0.0023	< 0.0022	< 0.002	< 0.0021	< 2.7	< 2.7
2-Hexanone	NS	NS	< 0.0021	< 0.003	< 0.0024	< 0.002	< 0.0023	< 0.002	< 0.0019	< 0.0018	< 0.0019	< 0.94	< 0.94
4-methyl-2-pentanone (MIBK)	1000	50	< 0.0026	< 0.0037	< 0.0029	< 0.0025	< 0.0029	< 0.0025	< 0.0024	< 0.0022	< 0.0023	< 1.4	< 1.4
Acetone	1000	100	< 0.0023	0.0289	< 0.0026	< 0.0022	< 0.0026	< 0.0023	< 0.0021	< 0.002	< 0.0021	< 2.9	< 2.9
Benzene	3	1	< 0.00038	< 0.00054	< 0.00043	< 0.00036	< 0.00043	< 0.00037	< 0.00035	< 0.00032	< 0.00034	< 0.19	< 0.19
Bromodichloromethane	11	1	< 0.00028	< 0.0004	< 0.00032	< 0.00027	< 0.00032	< 0.00028	< 0.00026	< 0.00024	< 0.00025	< 0.15	< 0.15
Bromoform	86	1	< 0.00036	< 0.00052	< 0.00041	< 0.00035	< 0.00041	< 0.00035	< 0.00033	< 0.00031	< 0.00032	< 0.34	< 0.34
Bromomethane	79	1	< 0.00095	< 0.0014	< 0.0011	< 0.00091	< 0.0011	< 0.00093	< 0.00088	< 0.00081	< 0.00085	< 0.38	< 0.38
Carbon disulfide	NS	NS	< 0.00054	< 0.00077	< 0.00062	< 0.00052	< 0.00061	< 0.00053	< 0.0005	< 0.00046	< 0.00049	< 0.14	< 0.14
Carbon tetrachloride	2	1	< 0.001	< 0.0014	< 0.0012	< 0.00097	< 0.0011	< 0.00099	< 0.00093	< 0.00086	< 0.00091	< 0.19	< 0.19
Chlorobenzene	37	1	< 0.00032	< 0.00046	< 0.00037	< 0.00031	< 0.00036	< 0.00031	< 0.0003	< 0.00027	< 0.00029	< 0.19	< 0.19
Chloroethane	NS	NS	< 0.00074	< 0.0011	< 0.00084	< 0.0007	< 0.00083	< 0.00072	< 0.00068	< 0.00062	< 0.00066	< 0.67	< 0.67
Chloroform	19	1	< 0.0005	< 0.00072	< 0.00057	< 0.00048	< 0.00057	< 0.00049	< 0.00046	< 0.00042	< 0.00045	< 0.25	< 0.25
Chloromethane	520	10	< 0.00077	< 0.0011	< 0.00087	< 0.00073	< 0.00086	< 0.00075	< 0.00071	< 0.00065	< 0.00069	< 0.3	< 0.3
cis-1,2-Dichloroethene	79	1	< 0.00039	< 0.00056	< 0.00044	< 0.00037	< 0.00044	< 0.00038	< 0.00036	< 0.00033	< 0.00035	< 0.27	< 0.27
cis-1,3-Dichloropropene	4	1	< 0.00026	< 0.00038	< 0.0003	< 0.00025	< 0.0003	< 0.00026	< 0.00024	< 0.00022	< 0.00024	< 0.13	< 0.13
Cyclohexane	NS	NS	< 0.00039	< 0.00055	< 0.00044	< 0.00037	< 0.00044	< 0.00038	< 0.00036	< 0.00033	< 0.00035	< 0.85	< 0.85
Dibromochloromethane	110	1	< 0.00029	< 0.00042	< 0.00033	< 0.00028	< 0.00033	< 0.00028	< 0.00027	< 0.00025	< 0.00026	< 0.28	< 0.28
Dichlorodifluoromethane	NS	NS	< 0.0017	< 0.0025	< 0.002	< 0.0017	< 0.002	< 0.0017	< 0.0016	< 0.0015	< 0.0016	< 1	< 1
Ethylbenzene	1000	100	< 0.00044	< 0.00063	< 0.0005	< 0.00042	< 0.0005	< 0.00043	< 0.0004	< 0.00037	< 0.00039	< 0.21	< 0.21
Freon 113	NS	NS	< 0.0012	< 0.0017	< 0.0013	< 0.0011	< 0.0013	< 0.0011	< 0.0011	< 0.00098	< 0.001	< 1.2	< 1.2
Isopropylbenzene	NS	NS	< 0.00048	< 0.00069	< 0.00055	< 0.00046	< 0.00055	< 0.00047	< 0.00045	< 0.00041	< 0.00043	< 0.54	< 0.54
Methyl acetate	NS	NS	< 0.0023	< 0.0033	< 0.0026	< 0.0022	< 0.0026	< 0.0023	< 0.0021	< 0.002	< 0.0021	< 1.6	< 1.6
Methyl tert butyl ether	NS	NS	< 0.00038	< 0.00055	< 0.00044	< 0.00037	< 0.00043	< 0.00037	< 0.00035	< 0.00032	< 0.00034	< 0.2	< 0.2
Methylcyclohexane	NS	NS	< 0.00038	< 0.00055	< 0.00044	< 0.00037	< 0.00043	< 0.00037	< 0.00035	< 0.00032	< 0.00034	< 0.5	< 0.5
Methylene chloride	49	1	< 0.00031	< 0.00045	< 0.00036	0.001 J	< 0.00036	0.0012 J	< 0.00029	< 0.00027	< 0.00028	< 0.21	< 0.21
o-Xylene	NS	NS	< 0.00032	< 0.00046	< 0.00037	< 0.00031	< 0.00037	< 0.00032	< 0.0003	< 0.00027	< 0.00029	< 0.2	< 0.2
Styrene	23	100	< 0.00031	< 0.00044	< 0.00035	< 0.0003	< 0.00035	< 0.0003	< 0.00029	< 0.00026	< 0.00028	< 0.2	< 0.2
Tetrachloroethene	4	1	< 0.0005	< 0.00072	< 0.00057	< 0.00048	< 0.00057	< 0.00049	< 0.00047	< 0.00043	< 0.00045	< 0.28	< 0.28
Toluene	1000	500	< 0.00036	< 0.00051	< 0.00041	< 0.00034	< 0.0004	< 0.00035	< 0.00033	< 0.0003	< 0.00032	< 0.21	< 0.21
Trans-1,2-dichloroethene	1000	50	< 0.00035	< 0.0005	< 0.0004	< 0.00033	< 0.00039	< 0.00034	< 0.00032	< 0.00029	< 0.00031	< 0.32	< 0.32
trans-1,3-Dichloropropene	4	1	< 0.00027	< 0.00039	< 0.00031	< 0.00026	< 0.0003	< 0.00026	< 0.00025	< 0.00023	< 0.00024	< 0.17	< 0.17
Trichloroethene	23	1	< 0.00032	< 0.00045	< 0.00036	< 0.0003	< 0.00036	< 0.00031	< 0.00029	< 0.00027	< 0.00028	< 0.26	< 0.26
Trichlorofluoromethane	NS	NS	< 0.0031	< 0.0045	< 0.0035	0.0037 J	< 0.0035	< 0.003	< 0.0029	< 0.0026	< 0.0028	< 0.26	< 0.26
Vinyl Chloride	2	10	< 0.00069	< 0.00098	< 0.00078	< 0.00065	< 0.00077	< 0.00067	< 0.00063	< 0.00058	< 0.00061	< 0.22	< 0.22
Xylene, -m,p	NS	NS	< 0.00071	< 0.001	< 0.00081	< 0.00068	< 0.00081	< 0.0007	< 0.00066	< 0.0006	< 0.00064	< 0.35	< 0.35
Xylenes	410	67	< 0.00032	< 0.00046	< 0.00037	< 0.00031	< 0.00037	< 0.00032	< 0.0003	< 0.00027	< 0.00029	< 0.2	< 0.2
Total TIC, Volatile	NS	NS	0	0	0	0	0	0	0	0	0	NA	NA

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TB	TB
Sample ID	Direct Contact	Groundwater	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TRIP BLANK-012808	TRIPBLANK-012908
Sample Date	Soil Criteria	Soil Criteria	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/22/2008	4/21/2008	1/28/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
SVOC													
1,1'-Biphenyl	NS	NS	< 0.022	< 0.012	< 0.024	< 0.011	< 0.011	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA
2,4,5-Trichlorophenol	5600	50	< 0.15	< 0.084	< 0.16	< 0.074	< 0.074	< 0.073	< 0.073	< 0.072	< 0.073	NA	NA
2,4,6-Trichlorophenol	62	10	< 0.16	< 0.089	< 0.18	< 0.079	< 0.079	< 0.078	< 0.078	< 0.076	< 0.077	NA	NA
2,4-Dichlorophenol	170	10	< 0.084	< 0.046	< 0.09	< 0.041	< 0.04	< 0.04	< 0.04	< 0.039	< 0.04	NA	NA
2,4-Dimethylphenol	1100	10	< 0.098	< 0.054	< 0.11	< 0.048	< 0.047	< 0.047	< 0.047	< 0.046	< 0.047	NA	NA
2,4-Dinitrophenol	110	10	< 0.089	< 0.049	< 0.095	< 0.043	< 0.043	< 0.042	< 0.042	< 0.042	< 0.042	NA	NA
2,4-Dinitrotoluene	1	10	< 0.026 J	< 0.014	< 0.028 J	< 0.013	< 0.013 J	< 0.012	< 0.012	< 0.012	< 0.012 J	NA	NA
2,6-Dinitrotoluene	1	10	< 0.032 J	< 0.018	< 0.035 J	< 0.016	< 0.016 J	< 0.015	< 0.015	< 0.015	< 0.015 J	NA	NA
2-Chloronaphthalene	NS	NS	< 0.024	< 0.013	< 0.026	< 0.012	< 0.012	< 0.012	< 0.012	< 0.011	< 0.012	NA	NA
2-Chlorophenol	280	10	< 0.051	< 0.028	< 0.055	< 0.025	< 0.025	< 0.025	< 0.025	< 0.024	< 0.024	NA	NA
2-Methylnaphthalene	NS	NS	< 0.072	< 0.04	< 0.078	< 0.035	< 0.035	< 0.035	< 0.035	< 0.034	< 0.034	NA	NA
2-Methylphenol	2800	NS	< 0.078	< 0.043	< 0.084	< 0.038	< 0.038	< 0.037	< 0.037	< 0.037	< 0.037	NA	NA
2-Nitroaniline	NS	NS	< 0.051	< 0.028	< 0.055	< 0.025	< 0.025	< 0.024	< 0.024	< 0.024	< 0.024	NA	NA
2-Nitrophenol	NS	NS	< 0.093	< 0.051	< 0.1	< 0.045	< 0.045	< 0.045	< 0.045	< 0.044	< 0.044	NA	NA
3&4-Methylphenol	NS	NS	< 0.1	< 0.055	< 0.11	< 0.048	0.0936 J	< 0.048	< 0.048	< 0.047	< 0.047	NA	NA
3,3'-Dichlorobenzidine	2	100	< 0.058	< 0.032	< 0.063	< 0.028	< 0.028	< 0.028	< 0.028	< 0.027	< 0.028	NA	NA
3-Nitroaniline	NS	NS	< 0.054	< 0.03	< 0.058	< 0.026	< 0.026	< 0.026	< 0.026	< 0.025	< 0.026	NA	NA
4,6-Dinitro-2-methylphenol	NS	NS	< 0.15	< 0.081	< 0.16	< 0.072	< 0.071	< 0.071	< 0.07	< 0.069	< 0.07	NA	NA
4-Bromophenyl phenyl ether	NS	NS	< 0.035	< 0.019	< 0.038	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	NA	NA
4-Chloro-3-Methylphenol	10000	100	< 0.11	< 0.06	< 0.12	< 0.053	< 0.053	< 0.052	< 0.052	< 0.051	< 0.052	NA	NA
4-Chloroaniline	230	NS	< 0.029	< 0.016	< 0.031	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	NA	NA
4-Chlorophenyl phenyl ether	NS	NS	< 0.023	< 0.013	< 0.025	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	NA	NA
4-Nitroaniline	NS	NS	< 0.046	< 0.025	< 0.05	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	NA	NA
4-Nitrophenol	NS	NS	< 0.14	< 0.078	< 0.15	< 0.069	< 0.068	< 0.068	< 0.068	< 0.067	< 0.067	NA	NA
Acenaphthene	3400	100	< 0.026	< 0.014	< 0.028	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	NA	NA
Acenaphthylene	NS	NS	< 0.016	< 0.009	< 0.018	< 0.0079	< 0.0079	< 0.0078	< 0.0078	< 0.0077	< 0.0078	NA	NA
Acetophenone	NS	NS	< 0.024	< 0.013	< 0.026	< 0.012	< 0.012	< 0.012	< 0.012	< 0.011	< 0.012	NA	NA
Anthracene	10000	100	< 0.074	< 0.041	< 0.08	< 0.036	< 0.036	< 0.036	< 0.035	< 0.035	< 0.035	NA	NA
Atrazine	NS	NS	< 0.046	< 0.025	< 0.05	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	NA	NA

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TB	TB
Sample ID	Direct Contact	Groundwater	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TRIP BLANK-012808	TRIPBLANK-012908
Sample Date	Soil Criteria	Soil Criteria	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/22/2008	4/21/2008	1/28/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
Benzaldehyde	NS	NS	< 0.015	< 0.0083	< 0.016	< 0.0074	< 0.0073	< 0.0073	< 0.0073	< 0.0072	< 0.0072	NA	NA
Benzo(a)anthracene	0.9	500	< 0.017	0.0166 J	< 0.018	0.0117 J	0.0585 J	0.031 J	< 0.008	0.014 J	0.0212 J	NA	NA
Benzo(a)pyrene	0.66	100	< 0.04	< 0.022	< 0.043	< 0.019	0.0525 J	0.0249 J	< 0.019	< 0.019	< 0.019	NA	NA
Benzo(b)fluoranthene	0.9	50	< 0.026	0.0169 J	< 0.028	< 0.013	0.0514 J	0.026 J	< 0.013	< 0.012	0.0148 J	NA	NA
Benzo(g,h,i)perylene	NS	NS	< 0.032	< 0.018	< 0.035	< 0.016	0.031 J	0.0158 J	< 0.015	< 0.015	< 0.015	NA	NA
Benzo(k)fluoranthene	0.9	500	< 0.035	< 0.019	< 0.037	< 0.017	0.0479 J	0.0215 J	< 0.017	< 0.016	< 0.017	NA	NA
Benzyl butyl phthalate	1100	100	< 0.029	0.155	< 0.032	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	< 0.014	NA	NA
bis(2-Chloroethoxy)methane	NS	NS	< 0.031	< 0.017	< 0.034	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	NA	NA
bis(2-Chloroethyl)ether	0.66	10	< 0.037	< 0.02	< 0.04	< 0.018	< 0.018	< 0.018	< 0.018	< 0.017	< 0.018	NA	NA
bis(2-Chloroisopropyl)ether	2300	10	< 0.047	< 0.026	< 0.051	< 0.023	< 0.023	< 0.023	< 0.022	< 0.022	< 0.022	NA	NA
bis(2-Ethylhexyl)phthalate	49	100	< 0.048	< 0.027	< 0.052	0.0516 J	0.106	0.152	< 0.023	0.0798	0.0615 J	NA	NA
Caprolactam	NS	NS	< 0.043	< 0.024	< 0.046	< 0.021	< 0.021	< 0.021	< 0.021	< 0.02	< 0.02	NA	NA
Carbazole	NS	NS	< 0.027	< 0.015	< 0.029	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA
Chrysene	9	500	< 0.033	0.0226 J	< 0.035	< 0.016	0.0623 J	0.0345 J	< 0.016	0.0151 J	0.0205 J	NA	NA
Dibenzo(a,h)anthracene	0.66	100	< 0.021	< 0.011	< 0.022	< 0.01	< 0.01	< 0.0099	< 0.0099	< 0.0097	< 0.0098	NA	NA
Dibenzofuran	NS	NS	< 0.016	< 0.0087	< 0.017	< 0.0077	< 0.0077	< 0.0076	< 0.0076	< 0.0075	< 0.0075	NA	NA
Diethyl phthalate	10000	50	< 0.028	< 0.015	< 0.03	< 0.014	< 0.014	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA
Dimethyl phthalate	10000	50	< 0.022	< 0.012	< 0.024	< 0.011	< 0.011	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA
di-n-butyl phthalate	5700	100	< 0.022	< 0.012	< 0.024	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	NA	NA
di-n-octylphthalate	1100	100	< 0.033	< 0.018	< 0.036	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	NA	NA
Fluoranthene	2300	100	< 0.015	0.0386 J	< 0.016	0.0175 J	0.0937	0.0551 J	< 0.0072	0.0223 J	0.0404 J	NA	NA
Fluorene	2300	100	< 0.016	< 0.0089	< 0.018	< 0.0079	< 0.0079	< 0.0078	< 0.0078	< 0.0076	< 0.0077	NA	NA
Hexachlorobenzene	0.66	100	< 0.039	< 0.021	< 0.042	< 0.019	< 0.019	< 0.019	< 0.019	< 0.018	< 0.019	NA	NA
Hexachlorobutadiene	1	100	< 0.037	< 0.02	< 0.04	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	NA	NA
Hexachlorocyclopentadiene	400	100	< 0.037	< 0.021	< 0.04	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	NA	NA
Hexachloroethane	6	100	< 0.034	< 0.018	< 0.036	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	NA	NA
Indeno(1,2,3-cd)pyrene	0.9	500	< 0.075	< 0.041	< 0.081	< 0.036	< 0.036	< 0.036	< 0.036	< 0.035	< 0.036	NA	NA
Isophrone	1100	50	< 0.026	< 0.014	< 0.028	< 0.013	< 0.013	< 0.012	< 0.012	< 0.012	< 0.012	NA	NA
Naphthalene	230	100	< 0.018	< 0.01	< 0.02	< 0.0088	< 0.0088	< 0.0087	< 0.0087	< 0.0086	< 0.0086	NA	NA
Nitrobenzene	28	50	< 0.027	< 0.015	< 0.029	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA
N-Nitroso-di-n-Propylamine	0.66	10	< 0.028	< 0.015	< 0.03	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA
N-Nitrosodiphenylamine	140	1000	< 0.018	< 0.0097	< 0.019	< 0.0086	< 0.0086	< 0.0085	< 0.0085	< 0.0083	< 0.0084	NA	NA
Pentachlorophenol	6	100	< 0.085	< 0.046	< 0.091	< 0.041	< 0.041	< 0.04	< 0.04	< 0.04	< 0.04	NA	NA
Phenanthrene	NS	NS	< 0.02	0.0263 J	< 0.022	< 0.0098	0.0178 J	0.0228 J	< 0.0096	< 0.0095	0.0318 J	NA	NA
Phenol	10000	50	< 0.075	< 0.041	< 0.081	< 0.037	< 0.036	< 0.036	< 0.036	< 0.035	< 0.036	NA	NA
Pyrene	1700	100	< 0.028	0.0348 J	< 0.03	0.0171 J	0.0874	0.0515 J	< 0.013	0.0219 J	0.0362 J	NA	NA
Total TIC, Semi-Volatile	NS	NS	12.4 J	43.06 J	19.39 J	7.26 J	4.3 J	17.97 J	6.55 J	5.21 J	2.33 J	NA	NA

Table 1. Summary of Soil Analytical Results, Ringwood Mines/Land

Location ID	Residential	Impact to	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TB	TB
Sample ID	Direct Contact	Groundwater	SR6-PE-69B	SR6-PE-70B	SR6-PE-71B	SR6-PE-72B	SR6-PE-73B	SR6-PE-74B	SR6-PE-75B	SR6-PE-76B	SR6-PE-77B	TRIP BLANK-012808	TRIPBLANK-012908
Sample Date	Soil Criteria	Soil Criteria	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/21/2008	4/22/2008	4/22/2008	4/22/2008	4/21/2008	1/28/2008	1/29/2008
Validation Status			Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final
PCBs													
PCB 1016	0.49	50	< 0.0076	< 0.0083	< 0.0083	< 0.0073	< 0.0073	< 0.0072	< 0.0072	< 0.0071	< 0.0073	NA	NA
PCB 1221	0.49	50	< 0.024	< 0.026	< 0.026	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	NA	NA
PCB 1232	0.49	50	< 0.022	< 0.024	< 0.024	< 0.021	< 0.021	< 0.021	< 0.021	< 0.02	< 0.021	NA	NA
PCB 1242	0.49	50	< 0.013	< 0.014	< 0.014	< 0.012	0.0491	< 0.012	< 0.012	< 0.012	< 0.012	NA	NA
PCB 1248	0.49	50	< 0.014	< 0.015	< 0.015	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	NA	NA
PCB 1254	0.49	50	< 0.019	< 0.021	< 0.021	< 0.018	0.0442	< 0.018	< 0.018	< 0.018	< 0.018	NA	NA
PCB 1260	0.49	50	< 0.0081	< 0.0088	< 0.0088	< 0.0078	< 0.0078	< 0.0077	< 0.0077	< 0.0076	< 0.0077	NA	NA
Total PCBs	0.49	50	0	0	0	0	0.0933	0	0	0	0	NA	NA
Metals													
Aluminum	NS	NS	12900	18200	21000	19600	12900	17900	15700	19400	22200	NA	NA
Antimony	14	NS	< 0.3 J	< 0.3 J	< 0.32 J	< 0.28 J	0.91 BJ	< 0.28 J	< 0.29 J	< 0.27 J	< 0.28 J	NA	NA
Arsenic	20	NS	4.6	6.1	4.7	5.6	4.7	6.3	3.7	5.5	4.7	NA	NA
Barium	700	NS	38 J	47.9	49.4 J	82	69.1 J	88	34.3	90.9	95.9 J	NA	NA
Beryllium	2	NS	0.36 B	0.42 BJ	0.53 B	0.56 BJ	0.42 B	0.53 BJ	0.47 BJ	0.55 BJ	0.48 B	NA	NA
Cadmium	39	NS	< 0.03	0.22 B	0.16 B	0.14 B	0.062 B	0.21 B	0.16 B	0.17 B	0.39 B	NA	NA
Calcium	NS	NS	2260 J	930	344 BJ	792	956 J	1060	574 B	1300	1520 J	NA	NA
Chromium	240	NS	18.2	21.3	22.4	18.8	18.1	21.4	16.1	21.8	28.9	NA	NA
Cobalt	NS	NS	6.9	7.7	7.8	8.9	8.3	9.8	5.9 B	11	11.4	NA	NA
Copper	600	NS	20.2 J	19.9	18.7 J	27.1	24.3 J	30.1	19.3	44.6	33.7 J	NA	NA
Iron	NS	NS	20800	26300 J	27500	22800 J	19600	27400 J	16800 J	23600 J	28400	NA	NA
Lead	400	NS	22.1 J	43.2	17.5 J	26.6	89.6 J	55.1	9.7	38.7	20.8 J	NA	NA
Magnesium	NS	NS	3100	3480	3570	3260	3270	4620	2610	4980	6270	NA	NA
Manganese	NS	NS	183	169	139	234	304	296	110	270	287	NA	NA
Mercury	14	NS	0.074	0.19	0.11	0.17	0.08	0.098	0.044	0.059	0.14	NA	NA
Nickel	250	NS	13.1 J	15.8	15.9 J	19	15.7 J	20.6	13.6	19.6	24 J	NA	NA
Potassium	NS	NS	840 BJ	1140 B	1010 BJ	714 B	859 BJ	1200	603 B	1970	2700 J	NA	NA
Selenium	63	NS	0.54 B	0.63 B	< 0.35	0.54 B	< 0.32	< 0.3	< 0.31	< 0.29	< 0.31	NA	NA
Silver	110	NS	< 0.14	< 0.14	< 0.15	< 0.13	< 0.14	< 0.13	< 0.13	< 0.12	< 0.13	NA	NA
Sodium	NS	NS	81 B	17.1 B	62.7 B	25.8 B	64.1 B	30.4 B	21.8 B	36.3 B	89.3 B	NA	NA
Thallium	2	NS	< 0.16	< 0.16	< 0.17	< 0.15	< 0.16	< 0.15	< 0.16	< 0.14	< 0.15	NA	NA
Vanadium	370	NS	32.4	44	38	35.8	27.3	37	26	40.3	47.4	NA	NA
Zinc	1500	NS	40.9	54.8 J	49.8	61.8 J	52	64.9 J	40.1 J	53.3 J	60.9	NA	NA
Other													
Solids, Percent	NS	NS	82.5	75.2	76.6	85	85.2	85.9	86.3	88.1	86	NA	NA

Results are reported in milligrams per kilogram (mg/kg).
Trip Blanks reported in micrograms per liter (ug/l).

<	Not detected.
NS	No standard.
B	Inorganic B: Result is between the detection limit and quantific
J	Estimated result.
R	Rejected result.
PCB	Polychlorinated biphenyls.
SVOC	Semi-volatile organic compound.
VOC	Volatile organic compound.
Bold	Value is above the Residential Direct Contact Soil Cleanup Cri
	Value is above the Impact to Groundwater Soil Cleanup Criteri