

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480534.329	4400458.998	989	480535.618	4400455.839	1320	480431.172	4400420.038	890
480532.679	4400457.669	948	480536.151	4400453.248	775	480428.058	4400418.412	939
480529.191	4400456.679	949	480536.530	4400449.865	653	480424.506	4400416.965	1129
480525.281	4400456.506	1106	480534.696	4400448.539	602	480421.450	4400415.267	1255
480522.379	4400455.247	991	480531.396	4400447.012	655	480418.895	4400414.008	1408
480519.367	4400454.393	1025	480527.908	4400446.407	613	480416.248	4400412.587	3044
480515.916	4400453.498	927	480525.002	4400445.008	657	480412.623	4400410.678	1338
480512.559	4400452.942	966	480522.048	4400444.291	698	480399.257	4400415.101	1123
480509.591	4400451.325	955	480518.265	4400442.942	654	480396.333	4400414.522	1319
480506.413	4400450.859	944	480515.718	4400442.663	728	480394.501	4400413.553	1947
480502.857	4400449.148	865	480513.633	4400441.019	642	480391.593	4400413.041	1707
480500.565	4400448.713	942	480509.177	4400440.366	663	480388.445	4400412.392	980
480497.529	4400448.725	941	480505.660	4400438.877	599	480385.096	4400411.532	1127
480494.993	4400446.451	932	480503.453	4400438.430	609	480381.788	4400410.492	1216
480491.817	4400445.586	779	480501.601	4400436.081	694	480378.717	4400410.077	1697
480489.315	4400442.335	824	480497.965	4400435.971	664	480375.479	4400409.569	1798
480485.402	4400443.293	831	480494.210	4400433.903	699	480372.102	4400409.053	1357
480482.410	4400442.253	932	480491.804	4400433.815	704	480368.720	4400408.323	1751
480479.138	4400441.904	979	480487.380	4400435.801	980	480365.274	4400407.866	4371
480476.289	4400441.209	921	480484.614	4400433.481	2266	480361.941	4400407.813	1407
480472.997	4400440.174	833	480482.909	4400432.818	2294	480358.736	4400406.864	1602
480470.319	4400439.290	1203	480479.569	4400432.191	1083	480355.652	4400406.654	1018
480467.420	4400437.939	1043	480476.081	4400431.649	954	480352.852	4400405.545	1324
480464.121	4400436.784	1018	480472.371	4400430.982	850	480350.174	4400405.090	1415
480461.122	4400435.663	1116	480469.558	4400428.693	676	480347.324	4400404.829	1235
480458.197	4400434.742	960	480467.410	4400427.764	2238	480344.158	4400404.402	1243
480455.224	4400433.556	862	480463.770	4400427.775	1578	480341.134	4400403.807	1228
480452.166	4400432.359	839	480460.451	4400426.996	2317	480338.089	4400403.221	1400
480448.660	4400431.986	961	480456.902	4400425.281	916	480334.633	4400402.565	1359
480445.558	4400431.164	1002	480454.149	4400424.332	1534	480331.196	4400401.585	1730
480442.747	4400430.262	1057	480451.318	4400424.592	2711	480327.989	4400401.077	1482
480442.441	4400425.268	1082	480448.418	4400423.371	1499	480325.973	4400403.366	1119
480445.951	4400426.782	1034	480444.616	4400422.501	1173	480328.782	4400403.910	1465
480448.606	4400428.037	1017	480442.142	4400429.541	1706	480331.292	4400405.187	1685
480451.742	4400429.298	1104	480438.858	4400428.395	2276	480334.109	4400405.249	1286
480454.917	4400430.583	1007	480434.972	4400427.407	1098	480336.529	4400405.980	1407
480458.038	4400431.652	1149	480431.333	4400425.855	1268	480339.125	4400406.628	1152
480461.491	4400433.142	1094	480427.942	4400424.325	800	480341.805	4400407.314	1221
480464.599	4400433.976	1035	480424.565	4400423.050	958	480344.316	4400408.020	2314
480467.653	4400435.127	1141	480421.132	4400421.301	878	480346.995	4400408.668	1652
480470.708	4400436.151	1219	480418.273	4400419.779	785	480349.683	4400409.349	1255
480473.829	4400436.990	992	480415.015	4400418.228	1054	480352.521	4400409.864	1410
480476.601	4400437.972	601	480411.237	4400416.883	1089	480355.266	4400410.508	1294
480479.474	4400438.321	705	480408.027	4400415.890	767	480357.952	4400410.930	1241
480482.749	4400439.720	738	480409.213	4400412.722	1023	480360.850	4400411.377	1195
480485.552	4400440.630	816	480412.024	4400413.864	1028	480364.036	4400411.724	1051
480488.559	4400441.508	1342	480414.712	4400414.972	1029	480367.571	4400412.155	978
480491.767	4400442.548	963	480417.335	4400416.371	1292	480370.644	4400412.580	1595
480494.785	4400443.698	1139	480419.919	4400417.700	1150	480373.286	4400413.175	3299
480497.640	4400444.454	987	480422.391	4400418.924	1312	480324.114	4400404.499	1540
480500.640	4400445.459	1021	480424.972	4400420.145	1064	480327.313	4400405.985	1334
480503.583	4400446.354	1045	480427.698	4400421.319	1030	480330.221	4400407.096	1369
480506.793	4400447.409	1030	480430.668	4400422.523	906	480333.018	4400408.015	1524
480509.845	4400448.147	1078	480433.682	4400423.648	1178	480335.850	4400410.203	1467
480512.915	4400449.135	977	480436.810	4400424.618	1252	480337.864	4400411.125	1335
480516.034	4400449.999	949	480440.015	4400426.076	1140	480340.309	4400411.584	1296
480519.240	4400450.822	832	480442.724	4400427.091	1072	480341.044	4400414.491	1248
480522.491	4400451.674	1038	480444.162	4400425.006	1261	480343.644	4400414.560	1060
480525.762	4400453.149	1016	480441.274	4400423.812	1144	480345.896	4400414.160	2264
480529.077	4400453.961	1584	480437.944	4400422.236	1056	480347.974	4400414.358	1353
480532.173	4400454.591	1396	480434.621	4400421.664	1168	480350.793	4400414.565	1329
480353.353	4400414.538	1257	480386.715	4400408.908	1594	480353.420	4400401.987	1588

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Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480355.441	4400414.834	1204	480383.713	4400408.330	1141	480355.811	4400402.727	1921
480358.230	4400414.806	1117	480380.882	4400407.611	1228	480358.146	4400403.885	1452
480346.945	4400417.476	1038	480377.875	4400407.080	1535	480360.288	4400404.926	1745
480344.811	4400416.772	1652	480374.771	4400406.602	2001	480362.851	4400405.161	1259
480342.784	4400416.394	1787	480371.798	4400406.156	1322	480365.200	4400406.357	1932
480340.507	4400415.243	1201	480368.210	4400405.842	1550	480365.194	4400406.436	2021
480340.249	4400415.286	1239	480365.197	4400405.399	1375	480368.090	4400407.495	1864
480338.045	4400414.006	1284	480363.639	4400404.761	1743	480371.059	4400408.884	1250
480336.170	4400412.536	1366	480360.302	4400403.504	1452	480373.868	4400410.196	1208
480334.523	4400411.694	1466	480358.079	4400403.004	1260	480376.645	4400411.342	1187
480332.391	4400410.899	1511	480355.906	4400402.523	2152	480332.267	4400389.365	1372
480330.275	4400410.387	1501	480354.393	4400401.232	1326	480334.690	4400390.259	1420
480328.042	4400409.467	1445	480352.014	4400403.033	7312	480337.193	4400391.365	2116
480326.303	4400408.982	1533	480343.439	4400401.399	1181	480339.824	4400392.378	1449
480323.487	4400408.223	1993	480340.549	4400400.441	1130	480342.967	4400393.733	1324
480322.946	4400409.051	1333	480337.534	4400399.878	1320	480346.650	4400395.056	1287
480325.219	4400410.458	1110	480334.579	4400399.247	1369	480349.472	4400396.222	1309
480327.199	4400411.475	1508	480331.784	4400398.618	1481	480352.224	4400396.862	1451
480329.829	4400412.376	1412	480328.916	4400398.145	1213	480354.735	4400398.177	803
480331.964	4400413.796	1334	480327.315	4400397.803	1289	480356.659	4400398.632	1040
480333.582	4400414.466	1143	480327.888	4400394.867	1518	480359.092	4400399.549	1010
480335.527	4400415.687	1147	480330.857	4400396.187	1445	480361.766	4400400.716	977
480337.220	4400416.505	1242	480333.512	4400397.389	1319	480364.600	4400402.097	1366
480339.349	4400417.150	1263	480336.196	4400398.521	1676	480366.433	4400403.093	1480
480341.512	4400418.163	1145	480339.253	4400399.667	1250	480368.145	4400403.577	2015
480343.829	4400418.085	1167	480342.052	4400401.063	1187	480370.389	4400404.377	1522
480345.950	4400417.566	1157	480344.747	4400402.248	1269	480373.354	4400405.188	1488
480348.083	4400416.820	1101	480348.014	4400403.692	1377	480376.381	4400406.226	1956
480350.158	4400416.875	959	480350.438	4400404.899	1117	480379.245	4400407.055	1403
480352.608	4400416.304	902	480353.570	4400406.084	1458	480382.333	4400407.962	1086
480355.548	4400415.449	876	480355.939	4400407.053	1466	480385.408	4400408.947	2134
480358.059	4400414.765	1211	480359.290	4400407.958	1106	480388.037	4400409.358	1431
480360.478	4400414.198	901	480362.265	4400409.095	931	480332.113	4400386.671	1596
480362.890	4400413.502	878	480365.225	4400410.136	1045	480335.255	4400388.043	1448
480365.942	4400413.386	1013	480368.555	4400411.546	1214	480337.510	4400389.645	1696
480368.484	4400413.656	893	480371.452	4400412.388	1005	480332.937	4400380.642	1427
480370.897	4400413.173	1408	480328.538	4400393.286	1391	480332.913	4400380.559	1299
480373.509	4400412.742	3136	480331.401	4400394.713	1714	480334.676	4400378.356	1570
480376.044	4400412.751	680	480334.153	4400395.851	1456	480336.259	4400375.667	1540
480378.758	4400412.737	1392	480336.685	4400397.014	1300	480338.200	4400372.945	1143
480381.635	4400412.829	936	480339.719	4400398.460	1226	480339.971	4400370.298	1138
480384.002	4400413.129	842	480342.423	4400399.807	1153	480342.111	4400366.808	1185
480386.889	4400412.973	967	480345.352	4400401.341	1177	480343.706	4400363.653	1431
480389.784	4400413.312	1080	480348.185	4400402.862	1225	480345.610	4400361.893	1281
480392.431	4400413.412	1263	480350.886	4400404.360	1777	480346.774	4400359.429	1749
480395.142	4400414.011	1285	480353.810	4400405.836	1565	480345.763	4400358.283	1829
480397.990	4400414.851	1149	480356.804	4400407.225	1304	480344.974	4400360.590	1185
480400.827	4400415.130	856	480359.280	4400408.110	1152	480343.615	4400362.204	1090
480404.161	4400415.007	872	480362.004	4400408.703	1290	480342.128	4400364.340	1279
480407.804	4400415.545	804	480364.516	4400409.808	1119	480340.528	4400366.545	1203
480409.867	4400416.410	1019	480368.480	4400411.574	1166	480338.981	4400368.899	1288
480411.414	4400415.427	1025	480330.997	4400390.746	1378	480337.549	4400371.166	1233
480408.349	4400414.699	815	480333.435	4400391.827	1614	480335.390	4400374.084	1236
480405.153	4400414.050	1233	480336.138	4400393.241	1413	480334.215	4400376.043	1487
480401.801	4400412.853	1908	480339.198	4400394.628	1488	480331.447	4400379.472	1825
480398.950	4400412.246	3451	480342.584	4400396.659	1374	480330.567	4400376.624	1559
480396.322	4400411.301	1466	480342.587	4400396.685	1327	480533.640	4400453.626	787
480394.124	4400410.766	1373	480345.859	4400397.996	1583	480530.175	4400452.066	853
480391.674	4400410.425	1630	480348.956	4400399.090	1552	480526.633	4400450.774	789
480389.087	4400409.966	1533	480351.713	4400400.172	1627	480523.445	4400450.159	809
480520.510	4400449.252	778	480418.584	4400411.145	2172	480377.785	4400356.026	687
480515.687	4400446.930	878	480421.912	4400412.165	1438	480380.839	4400358.198	854

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Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480513.018	4400445.810	845	480423.933	4400412.725	1745	480384.624	4400359.711	694
480509.445	4400445.165	921	480427.334	4400413.454	958	480388.058	4400361.363	687
480506.038	4400443.856	978	480430.597	4400414.660	1247	480391.200	4400362.845	774
480502.647	4400441.054	836	480433.669	4400416.368	982	480394.482	4400364.187	817
480498.845	4400440.273	681	480437.157	4400417.647	2129	480398.080	4400365.431	825
480496.905	4400441.564	915	480439.556	4400419.962	1668	480401.735	4400366.671	947
480494.383	4400438.529	4198	480404.738	4400382.612	1703	480405.168	4400367.881	992
480494.378	4400439.432	1260	480407.785	4400382.829	1136	480406.930	4400369.666	1040
480490.962	4400438.323	1475	480411.260	4400383.596	1131	480406.945	4400366.272	1065
480490.771	4400434.544	680	480411.960	4400380.205	1932	480403.264	4400365.537	947
480399.952	4400414.847	984	480408.887	4400379.439	1058	480400.539	4400364.105	856
480400.228	4400412.122	2784	480405.554	4400378.563	1040	480395.619	4400362.170	858
480400.958	4400408.590	1386	480405.861	4400376.658	1043	480392.871	4400360.001	682
480401.505	4400405.381	895	480408.609	4400375.770	731	480389.791	4400358.386	673
480402.009	4400401.504	704	480411.901	4400375.185	2094	480387.372	4400356.457	728
480402.343	4400397.639	2746	480412.314	4400372.009	1616	480388.237	4400352.614	794
480403.021	4400394.291	1778	480409.582	4400370.946	922	480391.560	4400354.928	740
480403.343	4400390.512	1289	480406.573	4400370.682	879	480394.612	4400356.179	686
480403.779	4400385.693	1145	480407.076	4400367.246	1125	480396.520	4400357.695	762
480407.367	4400385.714	1022	480411.096	4400366.851	1173	480399.981	4400359.200	945
480411.213	4400386.172	1716	480411.890	4400363.205	1113	480403.193	4400360.843	888
480412.397	4400389.110	1045	480408.792	4400362.376	1006	480406.544	4400362.374	778
480408.601	4400389.367	1032	480409.896	4400358.439	758	480408.084	4400360.098	858
480407.871	4400393.726	884	480412.512	4400357.979	1038	480404.767	4400358.704	929
480405.164	4400393.187	1295	480406.929	4400356.776	856	480402.404	4400356.759	866
480412.094	4400393.733	1145	480403.875	4400355.065	965	480400.412	4400355.401	787
480412.873	4400396.598	2654	480401.311	4400353.121	1005	480399.025	4400356.608	786
480409.201	4400396.833	951	480399.505	4400354.760	790	480395.146	4400354.175	1026
480405.367	4400396.786	811	480397.351	4400353.594	854	480407.162	4400373.837	884
480404.472	4400399.996	863	480395.420	4400351.778	809	480403.639	4400371.561	844
480407.053	4400400.003	1092	480392.239	4400349.490	850	480399.510	4400370.708	906
480410.616	4400400.807	1206	480389.736	4400347.809	920	480395.677	4400369.194	904
480412.700	4400403.517	1847	480398.512	4400350.528	1315	480392.017	4400368.283	856
480408.666	4400403.011	1043	480396.971	4400350.872	1373	480388.597	4400366.740	818
480405.930	4400403.427	821	480394.130	4400346.222	1248	480385.426	4400365.203	813
480403.264	4400403.086	839	480392.843	4400345.881	1466	480381.927	4400363.432	762
480401.924	4400405.912	807	480387.970	4400344.294	1372	480378.821	4400362.403	730
480405.148	4400405.895	869	480387.062	4400341.689	1307	480375.520	4400360.847	741
480409.330	4400406.290	1237	480383.292	4400338.301	1237	480371.901	4400359.127	931
480412.249	4400406.228	1767	480381.101	4400337.514	1276	480368.926	4400357.696	862
480411.302	4400404.109	1239	480378.869	4400335.721	1036	480365.970	4400355.267	840
480412.498	4400409.377	1091	480376.108	4400334.280	1157	480362.723	4400352.083	900
480409.079	4400408.772	1094	480374.023	4400336.099	1102	480359.331	4400352.147	950
480406.110	4400408.105	1132	480376.335	4400338.379	1161	480355.999	4400353.176	859
480403.027	4400406.887	1032	480378.812	4400340.392	1149	480359.101	4400355.472	733
480401.852	4400410.571	1614	480381.866	4400342.856	943	480362.435	4400357.236	749
480405.037	4400410.434	1091	480374.149	4400340.932	811	480365.677	4400359.156	998
480408.232	4400411.128	1197	480371.222	4400340.593	1196	480368.819	4400360.701	1107
480411.064	4400412.000	1162	480371.727	4400337.022	1702	480372.407	4400362.585	910
480410.790	4400415.322	913	480368.851	4400335.159	977	480375.718	4400364.394	790
480407.194	4400414.112	800	480366.135	4400337.468	1102	480378.801	4400366.624	800
480403.756	4400413.276	876	480364.176	4400340.433	1181	480382.178	4400368.576	807
480401.096	4400412.447	4448	480362.079	4400343.295	1027	480385.970	4400370.204	860
480400.620	4400415.026	937	480360.200	4400346.158	886	480389.135	4400371.839	980
480403.351	4400415.099	782	480363.106	4400347.409	1115	480392.662	4400373.048	987
480406.430	4400415.218	742	480366.534	4400349.516	708	480396.456	4400373.922	942
480409.660	4400415.942	845	480368.606	4400351.457	697	480400.633	4400374.589	989
480412.892	4400407.785	2170	480372.285	4400353.434	668	480403.905	4400376.070	878
480415.609	4400409.209	2462	480375.238	4400354.790	657	480404.346	4400380.375	1173
480401.112	4400379.392	1160	480391.176	4400384.632	914	480355.399	4400386.634	971
480397.592	4400378.480	913	480394.691	4400385.682	1050	480359.001	4400388.151	790
480393.061	4400377.411	1137	480398.348	4400387.271	1190	480362.498	4400389.389	1539

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480388.958	4400376.821	1006	480402.008	4400389.161	1905	480366.238	4400390.971	722
480385.194	4400374.230	961	480401.548	4400392.815	2009	480370.183	4400392.631	734
480382.109	4400372.341	1987	480397.944	4400392.202	1056	480373.353	4400393.673	1044
480378.686	4400370.808	1981	480393.920	4400391.064	989	480376.791	4400395.355	1066
480375.321	4400368.795	959	480389.939	4400389.817	829	480379.734	4400396.732	841
480371.706	4400367.220	746	480386.521	4400388.759	846	480383.662	4400398.499	1535
480368.233	4400365.415	829	480383.120	4400387.630	893	480386.972	4400399.394	1044
480364.483	4400364.305	783	480379.456	4400386.286	932	480390.276	4400390.377	1073
480361.325	4400362.108	736	480375.690	4400384.781	772	480393.764	4400401.489	936
480357.838	4400360.141	734	480372.256	4400383.986	807	480397.163	4400402.284	998
480354.808	4400358.185	1158	480369.169	4400382.380	733	480400.711	4400403.202	770
480351.955	4400361.148	866	480365.150	4400380.572	903	480400.504	4400406.419	1235
480355.020	4400363.150	733	480361.709	4400378.733	825	480397.202	4400405.953	1269
480358.240	4400364.506	727	480357.999	4400376.896	864	480393.620	4400405.122	1158
480361.254	4400366.086	765	480354.843	4400375.213	1188	480390.399	4400404.109	1298
480364.314	4400367.492	761	480351.204	4400372.939	1167	480386.748	4400403.637	906
480367.584	4400368.850	754	480348.498	4400371.098	2037	480383.124	4400402.229	1706
480370.482	4400370.627	711	480345.187	4400369.533	1415	480379.533	4400400.913	1179
480373.599	4400372.534	704	480342.452	4400369.999	1423	480376.048	4400399.192	1492
480376.534	4400374.066	785	480345.640	4400371.732	943	480372.573	4400397.718	1175
480379.822	4400375.420	840	480348.725	4400373.289	1081	480368.950	4400396.088	629
480383.056	4400376.613	783	480352.052	4400375.188	1303	480366.029	4400395.001	962
480385.966	4400378.483	930	480355.387	4400377.448	1035	480362.917	4400393.704	904
480389.563	4400379.732	1073	480358.589	4400378.580	812	480359.429	4400391.854	1205
480392.672	4400381.378	899	480361.838	4400380.136	829	480356.519	4400390.252	1132
480396.162	4400382.931	1117	480365.293	4400381.539	879	480353.478	4400388.370	1135
480399.600	4400384.466	1097	480369.195	4400383.849	700	480350.741	4400387.136	1322
480403.321	4400385.715	1252	480372.485	4400384.367	727	480347.289	4400385.518	755
480402.864	4400389.748	1533	480375.862	4400385.894	802	480343.839	4400383.592	615
480399.184	4400388.298	1025	480379.545	4400387.537	878	480340.809	4400381.764	3294
480395.997	4400386.618	1086	480383.789	4400389.097	894	480338.225	4400379.375	4260
480392.274	4400385.345	801	480387.588	4400390.838	888	480334.898	4400383.215	2263
480388.764	4400383.557	822	480391.096	4400392.593	860	480338.669	4400385.337	1071
480385.686	4400381.829	799	480394.651	4400393.734	1921	480342.355	4400387.761	1258
480382.342	4400380.495	824	480398.815	4400395.666	1511	480345.051	4400389.307	1227
480379.753	4400377.483	732	480401.396	4400396.766	1038	480348.824	4400391.215	1214
480376.748	4400376.236	732	480401.420	4400401.225	864	480352.416	4400392.921	1149
480373.266	4400374.733	715	480397.709	4400399.764	1192	480355.410	4400394.182	1734
480369.791	4400373.507	710	480393.524	4400398.482	917	480359.029	4400395.780	904
480366.487	4400371.983	799	480389.636	4400397.214	754	480362.626	4400397.252	910
480363.213	4400370.407	713	480386.293	4400395.621	786	480366.321	4400398.665	1067
480359.883	4400368.721	698	480382.668	4400394.277	912	480369.845	4400399.716	1770
480356.489	4400367.366	758	480378.890	4400392.391	907	480373.569	4400401.206	2471
480353.273	4400366.044	841	480374.937	4400390.398	845	480377.084	4400402.532	1287
480350.813	4400364.395	1093	480371.701	4400389.131	754	480380.648	4400403.458	1503
480346.161	4400365.098	2196	480364.042	4400387.028	917	480384.193	4400404.060	950
480349.917	4400368.254	878	480360.279	4400385.019	847	480387.979	4400405.090	2502
480351.997	4400368.963	1704	480356.436	4400383.537	1562	480391.589	4400406.250	1312
480355.334	4400370.770	1119	480352.356	4400382.286	1867	480395.545	4400407.468	1436
480358.807	4400371.928	709	480348.687	4400380.725	996	480399.728	4400408.613	1202
480361.958	4400373.436	656	480345.223	4400379.565	1220	480399.727	4400412.903	2118
480365.980	4400374.745	704	480341.475	4400377.543	2430	480396.359	4400411.929	1428
480369.447	4400376.276	721	480338.927	4400376.153	1083	480392.301	4400410.835	1808
480373.127	4400377.728	686	480337.745	4400378.205	4323	480388.950	4400409.846	1304
480376.427	4400378.983	723	480341.083	4400380.116	1927	480385.069	4400408.553	1079
480380.136	4400380.690	747	480344.455	4400381.811	741	480381.513	4400407.856	1148
480383.371	4400381.740	795	480348.242	4400383.504	892	480377.864	4400407.274	1925
480387.702	4400383.175	758	480352.098	4400385.142	1156	480373.940	4400405.879	1729
480370.520	4400404.347	1578	480334.519	4400369.719	1348	480324.027	4400384.521	1560
480366.997	4400402.547	1827	480333.605	4400370.055	1344	480325.116	4400383.214	1524
480363.539	4400401.217	1079	480332.624	4400371.922	1589	480326.006	4400380.921	1814
480360.290	4400400.092	1678	480331.482	4400373.867	1612	480324.859	4400380.987	1602

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480356.814	4400398.907	863	480330.173	4400376.303	2155	480323.443	4400382.934	1367
480353.476	4400397.753	1056	480330.704	4400375.329	1548	480322.210	4400384.756	1371
480350.106	4400396.382	1646	480329.230	4400376.156	1797	480321.135	4400386.524	1511
480346.648	4400395.160	1428	480330.860	4400376.830	2545	480319.723	4400388.513	1471
480343.437	4400393.139	1206	480331.362	4400375.456	2007	480318.199	4400390.382	1406
480339.793	4400391.217	1382	480332.303	4400375.612	1722	480316.548	4400393.625	1406
480336.484	4400389.821	1833	480330.013	4400375.016	1628	480315.242	4400396.225	1301
480368.000	4400334.776	1089	480329.292	4400377.928	2950	480313.649	4400398.771	1184
480365.674	4400332.538	1157	480329.794	4400378.415	1925	480310.844	4400398.223	1300
480363.471	4400330.745	1208	480327.602	4400378.483	1582	480311.533	4400395.665	1420
480360.308	4400328.842	1112	480328.208	4400375.154	1536	480313.046	4400393.162	1431
480358.328	4400327.563	1064	480329.364	4400372.330	1482	480314.530	4400390.863	1407
480356.554	4400329.781	999	480330.841	4400370.071	1373	480316.411	4400388.069	1448
480358.505	4400332.112	1168	480332.180	4400367.731	1201	480317.743	4400385.716	1659
480361.096	4400334.200	1164	480333.578	4400365.354	1599	480318.917	4400383.893	1772
480363.662	4400335.925	1044	480334.751	4400363.373	1297	480320.526	4400381.518	2102
480365.822	4400337.939	1078	480336.396	4400361.091	1427	480356.447	4400321.578	1073
480364.413	4400340.610	1347	480331.828	4400384.437	2220	480353.740	4400320.358	1084
480361.454	4400339.190	1128	480332.973	4400385.449	1317	480352.113	4400318.800	1042
480358.216	4400337.513	868	480331.644	4400384.945	1336	480349.900	4400316.972	1259
480355.582	4400335.711	1022	480332.313	4400386.213	1461	480347.618	4400315.186	1257
480354.250	4400333.740	841	480331.257	4400387.744	2170	480344.911	4400313.530	1310
480351.844	4400336.211	1123	480330.020	4400387.755	1367	480342.286	4400311.612	1218
480353.705	4400338.592	1098	480331.398	4400388.178	1532	480340.096	4400310.067	1802
480356.140	4400340.535	925	480329.896	4400389.791	1370	480337.417	4400308.483	1270
480359.171	4400341.973	875	480328.269	4400391.671	1302	480335.067	4400306.583	1272
480361.841	4400343.764	1022	480326.715	4400394.195	1344	480332.610	4400305.152	1244
480360.977	4400346.785	908	480324.971	4400396.382	1309	480330.401	4400303.627	1279
480356.823	4400344.791	923	480323.010	4400398.917	1325	480328.684	4400302.281	1204
480354.095	4400343.892	887	480321.517	4400401.127	1487	480326.736	4400303.659	1198
480352.729	4400341.990	896	480320.512	4400402.595	1475	480328.779	4400304.729	1308
480351.225	4400341.166	1039	480318.650	4400402.437	1502	480330.487	4400306.686	1060
480346.560	4400342.946	1242	480319.522	4400400.242	1100	480333.148	4400308.147	1183
480349.214	4400344.998	1084	480321.300	4400397.731	1645	480337.654	4400311.908	1282
480352.024	4400346.776	1017	480322.540	4400395.747	1470	480339.730	4400314.193	892
480355.249	4400348.517	1184	480324.242	4400393.392	1339	480342.127	4400316.780	1092
480357.700	4400350.274	976	480325.705	4400391.088	1582	480344.526	4400318.081	1122
480357.225	4400353.711	915	480327.433	4400388.772	1423	480347.006	4400319.325	775
480353.937	4400352.140	1068	480328.672	4400386.895	1505	480349.991	4400320.755	816
480351.199	4400350.238	1194	480331.313	4400385.952	2492	480351.845	4400322.281	1107
480347.597	4400347.875	1129	480331.054	4400383.730	1209	480353.582	4400323.307	1188
480345.546	4400346.101	950	480329.572	4400382.342	1556	480352.060	4400325.839	920
480343.054	4400348.632	950	480328.609	4400383.024	1287	480348.581	4400324.408	836
480346.442	4400351.058	1041	480327.211	4400384.733	1622	480345.751	4400322.628	755
480349.182	4400352.586	1112	480325.845	4400387.170	1409	480343.388	4400320.896	706
480351.827	4400354.104	1050	480324.391	4400389.692	1266	480340.823	4400319.506	681
480354.379	4400355.598	944	480323.106	4400391.919	1407	480338.142	4400317.447	806
480333.673	4400373.901	1309	480321.622	4400394.518	1616	480335.328	4400315.765	739
480335.291	4400370.834	1443	480320.395	4400396.640	1104	480333.151	4400314.055	796
480336.857	4400368.167	1522	480319.016	4400398.873	1250	480330.623	4400311.921	745
480338.616	4400365.326	1195	480317.532	4400401.009	1138	480328.344	4400310.357	711
480339.967	4400362.462	1137	480315.163	4400400.211	940	480326.177	4400308.755	767
480338.044	4400361.541	1458	480316.347	4400397.675	1125	480324.801	4400307.300	771
480336.782	4400363.226	1206	480318.134	4400394.816	1266	480322.523	4400306.055	983
480335.133	4400365.912	1227	480319.538	4400391.927	1326	480321.600	4400308.630	1020
480333.872	4400368.614	1689	480321.459	4400388.785	1456	480322.926	4400310.165	755
480332.766	4400368.773	1286	480323.017	4400386.472	1262	480324.601	4400311.382	754
480327.167	4400313.289	755	480308.540	4400316.418	1713	480318.752	4400279.184	855
480329.338	4400315.020	718	480310.949	4400317.043	2472	480320.501	4400276.401	912
480331.741	4400316.383	722	480313.191	4400317.687	1587	480322.087	4400273.888	796
480334.090	4400318.177	741	480310.768	4400319.012	1530	480323.799	4400271.134	789
480336.515	4400319.859	774	480311.885	4400323.920	1056	480325.625	4400268.206	705

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480338.799	4400321.140	663	480314.281	4400325.313	893	480327.066	4400266.098	717
480341.152	4400323.165	735	480316.153	4400326.379	985	480330.230	4400267.755	838
480343.902	4400324.809	702	480318.530	4400327.962	1003	480328.297	4400270.023	918
480346.804	4400327.142	885	480320.809	4400329.299	974	480326.090	4400272.916	914
480348.881	4400328.596	861	480322.908	4400330.653	983	480324.400	4400275.606	991
480351.127	4400330.332	829	480324.685	4400332.058	1001	480322.756	4400278.205	1362
480353.111	4400331.377	865	480326.872	4400333.607	1155	480321.207	4400280.477	1440
480352.045	4400333.939	785	480328.828	4400335.204	1070	480319.452	4400283.152	992
480349.853	4400332.537	874	480328.667	4400338.605	971	480317.663	4400285.799	1277
480346.373	4400331.486	871	480326.021	4400337.553	1012	480315.855	4400288.217	1414
480343.955	4400330.078	872	480324.304	4400336.326	1085	480314.026	4400290.770	1213
480340.843	4400328.452	810	480322.622	4400335.249	1239	480312.202	4400293.290	1435
480338.878	4400327.119	913	480320.705	4400334.079	1222	480310.388	4400295.741	1002
480336.150	4400325.322	845	480318.514	4400332.865	3081	480308.497	4400298.366	973
480333.281	4400323.781	866	480318.082	4400333.478	10294	480306.887	4400300.664	1041
480330.967	4400322.597	754	480319.729	4400330.456	962	480305.132	4400302.960	1089
480328.378	4400321.206	868	480317.442	4400331.286	1585	480303.387	4400305.524	1630
480325.631	4400319.722	805	480316.257	4400330.612	1988	480301.889	4400308.172	1199
480323.771	4400318.557	764	480314.217	4400330.015	1342	480300.420	4400310.661	1566
480321.675	4400317.246	965	480311.915	4400328.578	1285	480301.989	4400311.554	1138
480319.518	4400315.818	874	480342.120	4400265.766	1178	480303.802	4400308.872	1201
480317.671	4400314.108	1271	480341.288	4400268.447	1049	480305.385	4400306.401	1190
480315.844	4400316.096	1932	480340.463	4400269.757	1082	480307.200	4400304.022	1539
480318.073	4400317.779	1029	480339.202	4400272.058	1088	480308.880	4400301.847	1555
480320.329	4400319.106	1012	480336.546	4400271.641	804	480310.435	4400300.033	3747
480322.624	4400320.544	872	480337.676	4400268.316	772	480309.166	4400299.645	1387
480324.825	4400322.063	759	480338.967	4400266.011	990	480310.655	4400300.693	1877
480327.331	4400323.934	837	480335.539	4400266.452	1037	480311.146	4400298.532	1186
480329.445	4400325.204	796	480334.544	4400269.266	800	480311.976	4400297.026	932
480331.365	4400326.805	1048	480332.160	4400267.486	979	480313.614	4400294.400	1493
480333.309	4400328.541	966	480328.867	4400266.219	931	480315.402	4400291.816	1392
480335.865	4400329.710	942	480325.864	4400265.403	733	480316.930	4400289.619	1111
480338.043	4400331.724	939	480324.058	4400267.747	682	480318.926	4400287.219	1084
480340.159	4400332.812	858	480322.461	4400270.428	693	480321.018	4400284.064	1318
480342.261	4400334.354	896	480320.879	4400272.811	625	480322.721	4400281.780	1171
480344.668	4400336.018	817	480319.131	4400275.319	655	480324.459	4400278.605	1230
480342.938	4400338.905	893	480317.506	4400277.461	728	480325.634	4400276.612	1629
480340.280	4400337.251	860	480315.738	4400279.932	698	480327.519	4400273.862	1999
480337.781	4400335.567	992	480314.111	4400282.763	681	480329.472	4400270.408	1366
480335.653	4400334.171	868	480312.717	4400285.151	705	480331.959	4400267.508	1134
480333.086	4400332.970	843	480311.125	4400287.756	622	480333.937	4400269.884	767
480331.182	4400331.413	912	480309.132	4400289.819	638	480331.606	4400272.945	976
480328.615	4400330.137	1051	480307.557	4400292.217	649	480330.116	4400275.223	765
480326.187	4400328.630	1117	480306.030	4400295.111	670	480328.406	4400277.901	881
480324.008	4400327.333	977	480304.607	4400297.492	709	480326.578	4400280.480	934
480320.631	4400325.805	1070	480303.099	4400300.093	863	480324.976	4400282.834	1012
480318.388	4400324.741	934	480304.382	4400298.832	1001	480323.702	4400285.334	955
480315.901	4400323.730	1058	480306.217	4400296.642	840	480321.506	4400288.452	993
480313.470	4400323.069	1054	480307.919	4400294.247	890	480319.958	4400291.115	1020
480310.741	4400321.490	951	480309.726	4400291.497	1015	480318.336	4400293.625	1019
480309.021	4400320.274	1117	480311.551	4400288.890	1036	480316.736	4400296.578	1077
480306.796	4400319.271	1179	480313.482	4400286.158	2177	480315.276	4400298.984	1034
480304.531	4400318.264	1559	480315.466	4400284.278	2389	480313.388	4400301.680	1226
480303.151	4400317.671	1618	480316.586	4400283.222	900	480312.498	4400303.715	1126
480304.128	4400315.253	1381	480315.953	4400282.904	1003	480310.911	4400305.961	1238
480306.556	4400315.829	1378	480316.903	4400281.463	1307	480309.728	4400307.859	1155
480308.073	4400310.460	1243	480331.091	4400359.165	1415	480332.202	4400410.273	1776
480306.439	4400312.566	1463	480333.017	4400358.068	1534	480330.790	4400408.867	1765
480308.538	4400310.529	1018	480334.714	4400357.947	976	480329.542	4400408.523	1512
480312.302	4400308.036	1268	480336.393	4400357.513	1014	480328.436	4400408.150	1686
480313.439	4400305.504	1269	480338.405	4400357.417	1700	480327.144	4400407.592	1497
480314.571	4400303.378	971	480339.253	4400356.778	1068	480326.107	4400407.144	1671

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480315.853	4400301.007	1028	480341.390	4400356.539	898	480324.947	4400406.454	1620
480317.418	4400299.439	1108	480343.396	4400356.279	1421	480324.186	4400405.883	1690
480318.942	4400296.701	983	480344.783	4400356.014	1492	480322.992	4400405.508	1257
480320.255	4400294.629	955	480346.291	4400355.949	1202	480321.844	4400405.288	1215
480321.857	4400292.432	951	480347.332	4400355.942	1747	480321.178	4400404.764	1184
480323.403	4400290.309	919	480347.871	4400357.038	1523	480320.331	4400404.506	1138
480325.050	4400287.827	837	480348.413	4400357.658	1499	480319.595	4400404.068	1021
480326.991	4400284.714	875	480348.443	4400358.642	1427	480318.651	4400398.602	981
480328.782	4400281.947	816	480348.845	4400359.547	1141	480316.786	4400402.856	1008
480330.434	4400279.067	784	480349.148	4400360.898	1396	480314.904	4400401.813	977
480332.467	4400276.659	915	480349.684	4400362.263	1541	480313.381	4400401.519	1028
480333.910	4400274.537	988	480350.035	4400363.668	1170	480311.665	4400400.302	1073
480335.269	4400271.661	757	480347.366	4400359.837	962	480309.594	4400399.741	1462
480337.583	4400272.197	850	480346.146	4400358.370	1293	480307.576	4400399.224	1788
480336.528	4400274.418	895	480343.853	4400358.007	1002	480305.650	4400399.020	1979
480334.985	4400276.929	1105	480341.637	4400358.402	834	480304.347	4400398.591	1624
480333.501	4400279.503	1081	480339.945	4400359.604	1771	480303.203	4400398.385	1580
480332.028	4400282.081	979	480337.855	4400358.931	1304	480301.977	4400398.415	4942
480330.275	4400284.787	871	480341.704	4400360.222	1217	480302.346	4400398.122	2051
480328.900	4400287.311	837	480344.066	4400361.139	1820	480301.442	4400397.990	3927
480327.162	4400289.798	923	480354.331	4400341.408	1207	480300.848	4400397.685	2769
480325.388	4400292.593	980	480352.707	4400341.591	909	480299.969	4400397.612	3401
480323.056	4400295.027	861	480351.230	4400342.580	919	480299.230	4400397.463	6238
480321.602	4400297.531	947	480349.410	4400343.230	1492	480298.789	4400397.293	4715
480320.673	4400300.003	1047	480347.740	4400344.007	968	480297.741	4400397.349	16303
480318.839	4400302.815	762	480346.201	4400344.892	1025	480296.906	4400397.218	3243
480317.176	4400305.614	1342	480344.110	4400346.130	1013	480296.397	4400396.989	2931
480315.311	4400308.094	1887	480335.218	4400386.518	1455	480295.661	4400396.806	2574
480318.811	4400307.122	919	480333.905	4400382.449	1819	480294.821	4400396.890	2480
480319.974	4400304.842	749	480334.275	4400383.327	1363	480293.925	4400396.799	2184
480353.545	4400358.211	874	480333.503	4400382.241	1886	480292.733	4400397.019	1471
480350.990	4400356.963	1182	480332.770	4400380.312	2749	480291.508	4400396.986	1367
480349.251	4400356.118	1217	480331.688	4400380.385	1490	480289.745	4400396.990	1541
480346.598	4400354.109	1254	480330.408	4400379.946	2403	480288.218	4400396.711	2165
480345.203	4400352.567	1204	480329.733	4400379.926	2206	480286.251	4400396.762	1676
480343.036	4400351.769	1156	480328.763	4400379.837	1752	480284.166	4400397.159	1974
480333.432	4400373.799	1156	480327.731	4400379.705	1103	480283.842	4400396.406	1790
480334.981	4400371.445	1386	480326.708	4400379.395	1042	480282.736	4400396.342	1428
480336.822	4400368.506	1383	480324.878	4400378.939	1733	480281.359	4400396.382	1467
480338.492	4400366.063	1307	480323.584	4400379.052	1912	480279.434	4400396.420	1579
480339.796	4400363.444	1243	480322.723	4400378.768	2681	480276.693	4400397.669	2136
480341.335	4400360.230	866	480321.386	4400378.793	1817	480274.337	4400400.055	1483
480346.459	4400354.161	1365	480319.987	4400378.679	2276	480351.906	4400339.981	1032
480344.132	4400354.617	1226	480319.707	4400379.370	1616	480350.057	4400342.705	1435
480341.497	4400354.379	1217	480319.054	4400380.829	1651	480348.329	4400342.288	1290
480339.610	4400355.100	2015	480318.640	4400381.708	1833	480346.821	4400343.374	1136
480336.870	4400355.599	1626	480317.829	4400382.449	1499	480346.351	4400343.897	944
480334.195	4400356.118	928	480317.031	4400383.377	1592	480343.414	4400343.034	963
480331.614	4400356.707	1228	480316.141	4400384.376	1719	480341.197	4400343.679	863
480329.401	4400357.225	1079	480315.654	4400385.039	1791	480340.453	4400343.366	961
480327.559	4400358.217	862	480314.498	4400386.220	1488	480342.136	4400342.234	1035
480324.863	4400358.472	955	480313.483	4400386.846	1519	480344.231	4400341.056	941
480323.870	4400360.389	802	480311.806	4400388.905	1381	480346.428	4400341.541	892
480326.264	4400360.041	938	480310.731	4400390.121	1492	480348.393	4400340.298	946
480328.577	4400359.596	1162	480308.486	4400390.558	1301	480348.352	4400336.858	942
480344.219	4400337.697	973	480333.122	4400338.040	893	480315.587	4400333.902	4097
480344.690	4400335.723	901	480331.768	4400338.665	841	480315.584	4400334.178	5542
480348.108	4400335.720	1141	480331.181	4400340.124	873	480316.079	4400333.912	5218
480345.953	4400338.333	1098	480330.454	4400341.596	1183	480316.760	4400334.978	2678
480353.260	4400327.578	1510	480328.487	4400343.744	975	480318.752	4400335.451	1467
480354.260	4400327.148	1149	480328.195	4400341.514	1045	480320.147	4400337.296	1366
480354.329	4400329.452	1090	480326.565	4400340.575	1012	480321.190	4400337.819	2011

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480340.838	4400353.447	1014	480327.323	4400344.934	1188	480322.642	4400339.237	1704
480339.066	4400352.297	1111	480326.076	4400345.034	828	480323.339	4400339.631	1626
480337.024	4400351.139	955	480326.539	4400346.287	738	480323.971	4400340.131	1025
480335.432	4400349.986	840	480323.674	4400343.690	1189	480325.525	4400341.106	1365
480333.406	4400348.323	833	480322.545	4400342.582	939	480337.985	4400353.817	1004
480331.347	4400347.234	779	480321.325	4400341.511	1375	480336.345	4400352.964	843
480329.664	4400345.510	907	480319.738	4400340.513	1330	480333.564	4400350.928	806
480329.635	4400343.237	1027	480318.583	4400339.558	856	480332.759	4400350.742	802
480331.249	4400344.216	864	480317.143	4400339.284	1294	480331.177	4400349.471	796
480332.881	4400345.372	839	480315.998	4400337.510	1263	480329.526	4400348.789	744
480334.195	4400346.397	866	480314.438	4400335.874	1907	480327.803	4400347.207	714
480335.985	4400347.887	899	480312.254	4400334.585	1719	480325.663	4400345.562	802
480337.485	4400348.870	907	480311.216	4400332.040	1110	480323.634	4400344.798	837
480339.181	4400350.081	916	480309.159	4400332.098	1569	480321.725	4400343.622	903
480341.344	4400352.076	906	480307.389	4400330.857	1140	480320.220	4400342.566	963
480343.020	4400349.837	922	480307.291	4400329.373	2097	480319.181	4400341.455	956
480341.431	4400348.786	998	480305.930	4400328.566	1441	480317.414	4400340.446	1052
480340.165	4400347.429	940	480305.050	4400328.739	1640	480315.698	4400339.513	1158
480338.631	4400346.310	894	480303.469	4400330.076	1269	480313.701	4400338.493	846
480337.455	4400344.369	802	480302.556	4400332.241	1713	480311.831	4400337.219	1000
480335.891	4400342.600	867	480301.168	4400333.437	1545	480310.838	4400335.495	1030
480334.165	4400341.112	875	480299.831	4400333.625	2890	480309.238	4400334.155	1444
480332.590	4400339.854	876	480298.608	4400335.451	1153	480308.684	4400333.157	1919
480333.085	4400339.037	919	480298.095	4400337.766	1031	480307.359	4400331.805	2063
480333.647	4400339.538	891	480297.423	4400340.403	1077	480305.694	4400330.083	1408
480335.244	4400340.689	840	480298.147	4400340.437	1043	480304.201	4400332.186	2738
480336.984	4400341.829	862	480298.530	4400338.719	1371	480304.020	4400332.007	1758
480338.751	4400343.435	892	480299.592	4400337.296	1054	480304.638	4400333.718	3070
480340.980	4400344.091	832	480301.327	4400335.955	1014	480305.845	4400334.306	2072
480341.690	4400346.441	1083	480302.483	4400334.706	1471	480307.162	4400335.946	1965
480341.710	4400344.685	924	480304.474	4400333.075	2101	480308.555	4400337.458	1073
480340.415	4400343.097	807	480305.458	4400331.013	2299	480310.382	4400338.417	814
480339.685	4400340.668	1043	480295.081	4400338.248	929	480312.048	4400339.841	883
480338.502	4400339.348	920	480295.814	4400335.769	989	480313.673	4400341.017	776
480337.151	4400338.024	1021	480296.693	4400333.994	909	480314.723	4400342.098	911
480335.193	4400336.028	805	480298.502	4400333.104	859	480316.347	4400344.067	831
480333.563	4400335.623	916	480299.906	4400331.979	986	480317.924	4400345.439	883
480331.625	4400336.276	848	480301.064	4400330.498	862	480319.394	4400346.878	820
480330.874	4400337.595	965	480302.270	4400329.464	986	480321.594	4400348.399	785
480329.465	4400339.373	1186	480303.381	4400328.186	991	480323.553	4400349.614	741
480328.347	4400341.265	1143	480304.123	4400326.591	2415	480324.715	4400350.595	847
480327.372	4400342.904	1746	480306.352	4400326.932	1804	480327.278	4400352.742	776
480326.212	4400344.195	901	480308.113	4400326.643	1371	480329.195	4400353.540	773
480326.902	4400345.801	860	480309.031	4400328.556	1229	480330.900	4400355.202	936
480328.093	4400347.553	770	480309.628	4400329.451	1946	480332.308	4400356.380	959
480329.453	4400349.509	761	480309.941	4400328.758	1125	480331.864	4400357.858	1190
480332.073	4400351.428	804	480311.048	4400329.501	1108	480330.207	4400356.735	867
480334.177	4400353.137	877	480313.499	4400330.412	1465	480328.398	4400355.248	855
480335.446	4400355.185	1800	480314.053	4400331.633	9192	480326.723	4400354.216	845
480338.045	4400343.692	878	480314.441	4400332.397	2665	480325.247	4400353.114	848
480337.641	4400341.579	868	480314.240	4400330.938	2318	480323.687	4400351.668	705
480336.471	4400340.511	912	480314.307	4400331.047	2156	480322.152	4400350.349	838
480336.463	4400339.323	828	480314.060	4400332.633	1788	480320.696	4400349.060	826
480335.177	4400338.503	936	480314.253	4400333.534	2616	480318.965	4400347.543	800
480317.433	4400345.918	795	480326.194	4400356.124	818	480281.499	4400387.404	1392
480316.147	4400344.953	883	480327.529	4400356.761	1001	480279.595	4400386.300	1434
480315.554	4400343.247	806	480329.445	4400358.192	1137	480277.159	4400388.282	1642
480313.628	4400341.721	793	480312.897	4400346.997	762	480280.130	4400388.805	1520
480312.875	4400341.166	815	480311.664	4400345.947	854	480282.897	4400389.207	1416
480310.706	4400340.028	981	480310.028	4400344.884	843	480286.039	4400389.868	4650
480309.521	4400338.694	1132	480308.776	4400344.140	927	480289.288	4400390.501	2214
480308.676	4400338.687	1893	480306.919	4400342.887	1172	480292.086	4400390.913	1431

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480307.222	4400337.196	1399	480308.183	4400342.635	890	480295.034	4400391.309	1794
480306.369	4400335.523	4151	480309.466	4400343.169	810	480298.337	4400391.773	1775
480306.017	4400335.713	2211	480311.065	4400344.527	930	480301.352	4400392.168	1728
480306.216	4400335.286	2240	480312.578	4400344.064	847	480304.432	4400392.475	1677
480305.593	4400335.360	2849	480311.083	4400342.413	903	480308.090	4400392.898	1336
480305.467	4400335.033	3171	480307.008	4400327.099	1566	480310.084	4400392.866	1395
480305.415	4400335.073	3399	480312.162	4400325.954	1180	480309.118	4400396.306	1507
480303.926	4400334.581	2982	480309.570	4400324.538	1074	480306.317	4400396.081	1481
480303.482	4400335.053	2159	480308.110	4400324.319	1870	480303.559	4400395.840	3032
480302.053	4400336.346	1885	480309.439	4400326.573	1168	480300.664	4400395.553	2325
480300.899	4400338.092	1223	480313.078	4400326.329	1133	480297.776	4400395.201	1794
480301.727	4400339.176	1204	480310.736	4400323.258	1232	480294.752	4400394.793	1240
480302.840	4400338.817	3162	480309.245	4400321.094	1245	480291.885	4400394.448	1215
480304.480	4400337.452	2256	480305.885	4400321.239	1503	480289.012	4400394.057	959
480306.170	4400337.116	2151	480305.216	4400323.839	1622	480286.699	4400393.528	1455
480304.956	4400339.087	2614	480313.609	4400316.459	908	480283.554	4400393.288	1488
480305.005	4400341.038	1841	480314.575	4400314.599	798	480280.416	4400393.012	1478
480305.169	4400342.813	1060	480315.406	4400313.020	1140	480277.544	4400392.698	1460
480306.828	4400342.057	982	480315.920	4400311.705	1139	480274.782	4400392.210	1302
480307.665	4400340.961	1537	480314.812	4400311.225	1314	480275.142	4400394.398	1383
480309.199	4400339.636	789	480313.795	4400312.435	931	480277.271	4400394.367	1385
480310.715	4400339.690	939	480312.548	4400314.406	985	480279.783	4400394.654	1273
480309.710	4400341.275	784	480310.811	4400315.358	842	480282.578	4400394.635	1564
480315.150	4400343.430	906	480308.770	4400315.509	947	480284.825	4400394.723	1305
480316.385	4400344.900	841	480309.521	4400312.395	1136	480287.635	4400395.010	918
480317.902	4400346.534	807	480310.479	4400311.611	1122	480290.419	4400395.238	874
480319.469	4400347.471	803	480313.138	4400309.612	954	480293.669	4400395.557	1713
480321.789	4400348.660	730	480304.911	4400322.501	2339	480297.228	4400395.619	1820
480323.048	4400349.433	799	480303.912	4400324.135	1431	480300.268	4400395.823	1429
480325.378	4400350.022	819	480302.733	4400325.680	1523	480303.048	4400396.001	1619
480327.134	4400352.497	865	480301.025	4400327.554	1357	480306.521	4400396.049	2736
480328.914	4400353.757	781	480299.003	4400329.466	1128	480308.328	4400396.184	1412
480331.041	4400354.715	1005	480297.596	4400330.867	897	480308.328	4400396.675	1526
480332.290	4400356.400	1036	480295.994	4400332.548	1008	480305.738	4400398.088	1339
480331.962	4400357.760	1026	480293.848	4400331.829	919	480303.366	4400397.315	1338
480330.727	4400356.830	934	480294.932	4400330.029	1564	480300.053	4400396.584	1335
480329.034	4400356.083	1116	480296.300	4400328.166	1718	480297.051	4400396.239	1828
480327.221	4400354.586	834	480297.344	4400327.231	2657	480294.318	4400396.098	1251
480326.008	4400353.294	846	480300.194	4400321.986	3020	480291.215	4400396.192	855
480324.185	4400351.770	720	480301.869	4400319.545	1749	480288.606	4400396.025	861
480322.382	4400350.546	788	480303.318	4400317.148	1638	480286.290	4400396.094	904
480321.003	4400349.280	770	480305.353	4400314.241	1362	480283.845	4400395.700	1746
480319.090	4400348.448	899	480307.123	4400390.845	1081	480281.307	4400395.979	1377
480317.363	4400346.433	842	480304.785	4400390.531	965	480279.251	4400396.401	1632
480315.487	4400345.455	842	480302.373	4400389.999	1132	480277.269	4400396.192	1454
480313.255	4400345.810	749	480300.163	4400389.465	1037	480298.368	4400388.715	1512
480315.112	4400347.143	805	480296.798	4400389.041	1364	480295.803	4400387.520	3251
480316.779	4400348.617	700	480293.048	4400388.541	1620	480293.084	4400385.701	1318
480318.290	4400350.108	735	480289.937	4400388.215	4208	480290.711	4400384.565	2035
480319.913	4400351.031	750	480289.232	4400388.164	2933	480287.709	4400382.966	2476
480321.443	4400352.360	827	480289.205	4400386.931	2409	480284.949	4400380.904	2126
480322.926	4400353.705	791	480287.337	4400387.706	1633	480282.627	4400378.960	1837
480324.650	4400355.058	877	480284.459	4400387.722	1589	480280.371	4400376.955	3267
480278.388	4400375.470	2863	480236.412	4400351.912	893	480327.328	4400364.649	1295
480276.462	4400373.257	2157	480239.310	4400353.090	790	480325.094	4400364.259	1669
480274.042	4400371.584	2056	480242.398	4400354.331	818	480321.432	4400361.562	891
480272.773	4400373.203	1481	480245.509	4400355.410	921	480318.599	4400359.835	915
480274.813	4400375.214	1886	480247.767	4400356.624	893	480315.825	4400357.966	786
480276.652	4400377.078	1638	480250.932	4400357.932	921	480313.081	4400356.337	898
480276.692	4400377.234	1823	480253.598	4400358.892	1044	480310.041	4400354.326	1103
480279.173	4400379.540	1371	480256.785	4400360.270	809	480307.516	4400353.761	1039
480281.386	4400381.285	1438	480259.409	4400361.849	1282	480304.563	4400351.993	956

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480283.803	4400383.376	1499	480258.659	4400363.397	1010	480301.910	4400349.950	961
480286.929	4400384.971	2299	480256.317	4400362.206	1017	480299.592	4400348.509	917
480289.587	4400386.617	2641	480253.804	4400360.869	946	480296.620	4400345.608	990
480280.403	4400383.593	1196	480251.131	4400360.054	958	480293.472	4400343.606	995
480278.006	4400381.134	1530	480247.788	4400358.870	874	480291.148	4400341.805	1132
480275.241	4400379.322	1385	480244.922	4400357.774	802	480289.053	4400340.056	880
480272.839	4400377.837	1204	480242.176	4400356.708	872	480288.382	4400338.984	917
480270.998	4400375.292	1451	480237.350	4400360.023	847	480286.708	4400336.590	1619
480268.835	4400373.993	1268	480236.577	4400356.757	833	480286.233	4400339.920	1484
480266.419	4400372.374	1185	480232.613	4400356.290	832	480291.120	4400339.141	1184
480263.824	4400370.729	752	480319.576	4400354.601	792	480294.541	4400341.953	1975
480261.205	4400369.059	1111	480316.572	4400351.634	867	480297.651	4400345.453	1172
480259.209	4400367.470	1825	480314.351	4400350.246	877	480280.338	4400339.386	2106
480260.231	4400364.507	2019	480311.909	4400348.409	1052	480282.097	4400341.138	1005
480262.127	4400366.086	1313	480309.105	4400346.138	881	480284.618	4400343.177	1079
480264.687	4400367.631	1319	480306.702	4400345.298	1229	480286.901	4400344.831	942
480267.533	4400369.227	1299	480305.006	4400343.310	1078	480289.962	4400346.178	889
480269.506	4400371.283	1577	480303.653	4400343.186	910	480292.253	4400347.147	903
480272.178	4400373.250	1525	480300.300	4400341.158	1015	480294.917	4400348.893	971
480273.299	4400371.702	1433	480297.385	4400339.315	1239	480297.861	4400351.061	868
480270.987	4400369.922	1272	480295.402	4400336.979	944	480300.484	4400353.893	878
480268.987	4400368.853	1427	480293.262	4400335.154	842	480303.370	4400354.999	975
480266.589	4400366.771	1261	480290.836	4400333.217	1580	480306.293	4400356.627	1019
480265.292	4400364.864	1268	480288.265	4400334.239	1038	480309.385	4400358.968	984
480263.423	4400363.481	1291	480291.174	4400336.665	952	480312.265	4400360.239	911
480261.207	4400361.498	889	480294.078	4400338.526	1155	480315.182	4400361.353	1055
480258.969	4400360.057	1151	480295.866	4400339.954	1068	480318.435	4400363.561	817
480255.906	4400358.449	1242	480298.238	4400342.476	998	480320.736	4400363.861	1020
480252.703	4400356.887	1081	480301.437	4400344.740	963	480324.116	4400365.792	1104
480249.524	4400355.632	964	480303.564	4400346.004	998	480326.947	4400367.783	1526
480246.755	4400354.760	1165	480306.265	4400347.130	773	480329.927	4400369.146	2938
480243.745	4400353.537	957	480309.642	4400348.936	1270	480330.785	4400368.452	2025
480240.260	4400352.181	1135	480312.201	4400351.639	1140	480331.027	4400370.192	1551
480237.401	4400350.674	1091	480314.667	4400353.323	1221	480329.126	4400368.733	1905
480234.839	4400349.615	1136	480317.141	4400355.926	832	480329.626	4400370.845	1827
480231.926	4400348.498	1315	480319.399	4400357.259	981	480329.161	4400371.906	3358
480228.841	4400347.516	1189	480322.104	4400359.263	984	480328.597	4400371.639	3056
480226.186	4400346.900	1328	480324.731	4400360.070	935	480328.284	4400370.089	6562
480223.115	4400346.327	1207	480327.450	4400362.575	1322	480327.880	4400369.205	1992
480219.979	4400345.794	1529	480330.733	4400364.220	3506	480328.534	4400372.429	2608
480216.343	4400345.305	1288	480330.695	4400364.825	2216	480327.665	4400372.606	3026
480213.090	4400344.629	1130	480331.821	4400363.473	8278	480326.955	4400370.921	2073
480210.355	4400343.740	921	480333.112	4400365.049	1604	480324.209	4400369.530	1389
480209.554	4400344.445	1021	480333.647	4400362.310	9373	480321.445	4400368.271	978
480211.927	4400345.607	1044	480333.249	4400360.880	1193	480318.569	4400366.644	991
480215.037	4400346.477	1325	480334.901	4400359.806	1097	480315.407	4400365.297	925
480217.870	4400347.211	1536	480334.909	4400362.166	1558	480312.519	4400363.847	1024
480221.136	4400347.787	1451	480333.404	4400362.559	6391	480309.358	4400362.373	1004
480224.838	4400348.396	1016	480333.794	4400363.525	3889	480306.971	4400360.742	1069
480227.962	4400349.092	1286	480332.920	4400366.989	1407	480303.813	4400358.917	1116
480230.855	4400349.877	1170	480330.209	4400365.987	2582	480300.824	4400357.075	1200
480233.803	4400350.807	1062	480329.537	4400366.545	1851	480297.993	4400355.657	1188
480295.094	4400353.729	981	480322.793	4400377.733	3962	480258.812	4400352.879	1761
480292.507	4400351.029	887	480320.060	4400377.919	2378	480261.450	4400353.832	1378
480292.485	4400351.522	935	480319.363	4400376.231	1485	480264.095	4400354.992	1277
480289.927	4400349.851	921	480321.427	4400375.903	1762	480266.611	4400355.963	1204
480286.964	4400348.340	946	480320.262	4400374.156	1523	480268.848	4400357.222	1267
480284.535	4400346.507	1384	480317.671	4400372.181	924	480271.222	4400358.939	1401
480282.538	4400344.666	1244	480314.705	4400370.349	979	480273.713	4400360.374	1283
480280.532	4400342.787	914	480311.683	4400368.941	1026	480276.545	4400361.860	1121
480277.985	4400341.019	1315	480308.560	4400367.815	987	480278.964	4400363.578	1317
480275.491	4400338.161	1580	480305.880	4400366.194	971	480281.665	4400365.294	3964

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480272.573	4400335.081	1786	480303.237	4400364.885	1509	480280.908	4400364.690	1907
480268.937	4400335.288	1440	480300.361	4400363.884	1272	480281.803	4400364.716	10617
480265.727	4400334.535	1328	480297.389	4400363.183	1484	480282.312	4400366.040	1996
480262.924	4400335.815	1273	480294.562	4400361.679	1879	480284.000	4400366.846	3090
480265.243	4400337.155	1045	480288.900	4400359.102	1197	480283.369	4400367.363	2365
480268.432	4400338.082	1075	480285.725	4400357.509	1007	480282.616	4400367.171	4986
480271.859	4400339.509	929	480286.309	4400355.317	883	480281.529	4400366.250	2951
480274.347	4400341.756	959	480289.136	4400355.772	927	480280.870	4400367.019	2209
480276.245	4400342.944	930	480293.021	4400359.141	1351	480281.880	4400368.143	3028
480278.953	4400345.250	915	480281.835	4400355.147	1189	480281.794	4400368.470	8826
480281.772	4400347.281	1035	480280.781	4400352.434	1309	480281.153	4400368.510	4418
480284.119	4400349.642	908	480279.078	4400353.809	1229	480278.163	4400365.980	1561
480280.687	4400348.927	1402	480276.533	4400352.328	1246	480275.655	4400364.557	1852
480278.255	4400347.336	940	480273.849	4400351.376	1119	480273.455	4400363.184	1603
480276.053	4400345.589	1423	480271.517	4400349.103	1188	480270.798	4400361.729	1632
480273.615	4400344.340	859	480268.942	4400347.459	1374	480268.645	4400361.377	1567
480271.667	4400341.754	942	480266.372	4400345.367	1343	480265.643	4400360.278	1244
480272.949	4400338.932	1008	480266.660	4400344.377	1218	480262.810	4400359.096	1248
480262.722	4400337.256	1706	480269.685	4400345.077	1084	480260.226	4400357.972	1317
480262.568	4400339.052	1526	480272.481	4400346.079	1069	480257.887	4400356.789	1370
480261.246	4400341.964	1344	480275.372	4400347.730	1171	480256.886	4400358.830	1093
480260.164	4400344.186	1283	480263.106	4400347.836	1461	480259.761	4400360.114	1177
480260.104	4400346.820	1366	480265.727	4400349.028	1359	480262.350	4400361.325	1461
480262.753	4400346.867	1447	480268.235	4400349.463	1206	480265.428	4400362.720	1290
480264.595	4400343.929	1525	480271.315	4400351.861	988	480267.961	4400363.391	1469
480265.277	4400342.067	1548	480273.954	4400353.665	1194	480270.514	4400364.971	1326
480267.749	4400340.229	1194	480273.566	4400352.250	1117	480272.801	4400366.071	1694
480286.835	4400352.109	858	480276.216	4400355.047	1337	480275.304	4400367.414	1314
480289.774	4400353.683	992	480279.353	4400356.962	1007	480277.449	4400368.644	2416
480292.951	4400355.456	1039	480281.897	4400358.709	1174	480279.997	4400370.194	2680
480295.681	4400357.279	1320	480284.358	4400360.257	5708	480282.623	4400371.982	4293
480298.880	4400358.378	1139	480285.853	4400359.347	1514	480281.969	4400373.492	2560
480301.591	4400360.139	1125	480284.461	4400359.628	1158	480281.176	4400374.152	2232
480304.414	4400362.553	955	480284.226	4400361.341	2236	480278.968	4400372.251	1871
480307.417	4400364.026	1221	480285.682	4400361.408	3060	480275.718	4400371.031	4561
480310.486	4400366.125	1025	480286.471	4400361.282	2871	480275.973	4400370.061	1946
480313.335	4400368.057	897	480287.984	4400362.318	5096	480276.399	4400371.540	1861
480316.637	4400369.752	786	480288.792	4400361.409	8550	480275.078	4400371.429	3552
480319.338	4400371.261	1523	480289.496	4400359.961	2310	480275.509	4400372.466	2025
480322.615	4400373.506	5760	480288.413	4400360.553	2389	480276.702	4400373.047	2135
480322.332	4400374.056	19364	480286.817	4400364.002	3658	480277.718	4400373.861	2653
480324.331	4400374.119	8880	480284.293	4400362.607	2317	480280.305	4400376.546	3256
480324.013	4400373.464	5139	480281.557	4400361.111	1094	480281.844	4400375.843	4105
480324.307	4400372.308	42808	480278.683	4400359.301	1124	480273.958	4400369.702	1499
480323.288	4400371.701	4529	480276.431	4400358.235	1351	480270.884	4400367.462	1353
480324.925	4400372.124	14673	480273.538	4400356.760	1302	480268.740	4400366.029	1353
480326.978	4400375.636	2875	480271.216	4400355.251	1307	480265.206	4400364.013	1233
480328.867	4400376.004	1784	480268.591	4400353.862	1256	480262.141	4400362.380	1236
480326.947	4400377.652	1732	480265.721	4400352.056	1242	480281.593	4400378.052	3168
480325.517	4400376.899	2108	480263.246	4400351.021	1408	480283.575	4400375.210	3043
480325.059	4400377.733	1547	480260.999	4400350.499	1266	480285.000	4400372.698	12009
480286.142	4400371.042	3916	480298.358	4400388.073	981	480238.936	4400360.427	943
480288.192	4400368.778	3352	480300.199	4400385.959	718	480235.929	4400358.708	892
480289.797	4400366.324	3945	480301.927	4400384.063	1244	480233.310	4400357.520	919
480291.876	4400363.736	2988	480303.338	4400382.207	2179	480230.054	4400357.039	1420
480292.591	4400362.931	2004	480304.810	4400381.636	1469	480231.011	4400359.866	989
480292.044	4400361.288	5806	480307.130	4400377.427	1398	480233.587	4400361.091	886
480290.274	4400362.714	8592	480309.108	4400375.826	1298	480236.122	4400362.113	952
480288.487	4400365.111	4221	480310.687	4400373.796	1417	480239.211	4400361.753	830
480287.228	4400366.436	3032	480313.268	4400374.368	1345	480242.083	4400362.888	871
480285.422	4400368.499	4342	480311.689	4400376.453	1238	480244.724	4400364.211	843
480283.630	4400381.211	1511	480310.405	4400378.709	1481	480247.485	4400365.713	847

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480285.043	4400379.122	2346	480309.194	4400379.981	1279	480250.789	4400367.156	869
480286.859	4400376.980	5114	480307.084	4400381.969	1837	480253.540	4400368.225	868
480288.575	4400374.760	4866	480305.222	4400384.443	1120	480256.445	4400369.467	1429
480290.073	4400372.626	3234	480304.079	4400386.131	856	480256.657	4400371.873	1273
480291.529	4400370.302	1772	480306.868	4400388.582	1066	480253.258	4400371.325	1005
480292.883	4400368.327	1453	480308.515	4400386.097	7949	480250.243	4400369.510	824
480294.716	4400366.672	1777	480309.282	4400384.532	1677	480247.428	4400368.571	904
480295.397	4400366.202	1423	480310.561	4400382.634	1258	480244.455	4400376.245	917
480297.155	4400365.633	1653	480312.512	4400380.934	1464	480240.645	4400366.976	783
480296.635	4400367.387	1457	480313.684	4400378.905	1594	480238.580	4400365.134	937
480297.526	4400368.064	1434	480316.244	4400376.261	1511	480241.104	4400368.868	847
480296.279	4400368.867	1394	480317.819	4400378.043	1252	480243.234	4400370.563	788
480294.503	4400370.573	1767	480316.258	4400379.472	1687	480246.061	4400371.604	775
480293.663	4400373.299	2883	480314.744	4400381.390	2036	480248.855	4400372.628	714
480292.237	4400375.403	11294	480312.881	4400383.468	1792	480251.757	4400373.535	937
480291.172	4400378.956	7309	480311.666	4400385.264	2007	480255.167	4400374.949	986
480291.472	4400376.901	8244	480311.728	4400388.491	2176	480252.492	4400376.433	1939
480290.540	4400378.981	6773	480242.907	4400355.741	838	480249.553	4400376.081	856
480288.971	4400381.264	2221	480239.915	4400354.954	734	480246.055	4400374.494	870
480291.521	4400381.669	1060	480237.131	4400353.837	751	480249.631	4400378.648	1098
480292.765	4400380.155	1649	480234.442	4400352.146	834	480250.732	4400380.393	1143
480294.702	4400378.013	9849	480230.979	4400350.651	861	480298.214	4400310.440	1072
480296.117	4400375.509	6426	480228.178	4400350.072	1115	480296.433	4400313.913	1280
480297.351	4400373.637	1782	480225.223	4400349.651	1119	480295.084	4400315.977	2153
480299.256	4400371.470	1171	480222.021	4400349.053	1188	480293.071	4400318.382	2066
480300.248	4400368.728	1453	480218.960	4400348.929	1396	480290.986	4400321.508	2880
480302.950	4400368.898	1205	480215.829	4400348.220	1480	480288.467	4400324.280	2298
480302.457	4400370.435	1527	480212.798	4400347.278	1134	480286.233	4400327.238	4928
480301.315	4400373.785	1805	480208.840	4400346.090	1047	480285.611	4400326.304	4483
480299.732	4400375.546	1700	480217.407	4400350.279	1151	480287.557	4400327.951	2485
480298.167	4400377.921	1183	480220.833	4400351.944	951	480285.561	4400328.020	5041
480297.440	4400379.557	1213	480223.627	4400353.979	1175	480286.088	4400328.749	5274
480295.643	4400382.359	1254	480225.961	4400355.217	993	480284.594	4400326.595	3598
480294.717	4400384.241	944	480225.038	4400357.487	1381	480284.992	4400328.781	2584
480296.469	4400385.600	763	480227.035	4400354.512	922	480283.621	4400327.686	6179
480298.001	4400383.352	774	480230.950	4400353.969	928	480283.579	4400330.442	1182
480299.546	4400381.457	3087	480233.323	4400355.161	849	480281.174	4400332.524	2234
480300.256	4400378.844	2317	480236.491	4400356.718	736	480279.792	4400334.856	949
480301.557	4400376.685	1368	480239.322	4400358.039	821	480278.332	4400337.212	1347
480302.798	4400374.721	1221	480241.826	4400359.596	755	480277.313	4400338.799	1721
480304.491	4400372.548	1215	480245.109	4400360.775	835	480278.919	4400340.484	1905
480305.514	4400371.123	1071	480248.275	4400362.447	788	480280.823	4400337.757	1209
480307.629	4400371.646	1281	480251.662	4400363.709	910	480282.887	4400335.513	1253
480306.831	4400373.305	1295	480254.909	4400365.355	986	480284.581	4400333.445	2493
480305.066	4400374.892	1420	480256.445	4400368.737	1584	480286.616	4400330.363	5064
480303.472	4400377.018	1343	480253.931	4400367.431	949	480285.413	4400329.707	4021
480302.030	4400379.802	1801	480250.914	4400365.640	902	480284.839	4400329.308	3124
480299.402	4400380.961	1007	480247.734	4400364.259	882	480287.128	4400331.564	3862
480297.633	4400384.136	754	480244.916	4400362.963	744	480287.570	4400329.703	3161
480296.153	4400386.049	967	480242.035	4400361.611	757	480288.413	4400328.522	1884
480290.148	4400326.038	3368	480302.358	4400325.593	1425	480218.749	4400323.825	1253
480291.373	4400326.315	5060	480300.753	4400326.126	2187	480216.188	4400323.970	1434
480291.646	4400324.703	2452	480300.114	4400327.315	1368	480213.328	4400323.766	2271
480292.313	4400323.094	3360	480299.165	4400328.667	1131	480210.410	4400323.644	1403
480293.375	4400323.691	3834	480297.469	4400331.375	853	480207.757	4400323.400	1668
480292.712	4400322.449	2257	480281.590	4400330.129	1278	480205.553	4400323.335	1076
480293.449	4400321.195	1671	480279.118	4400330.399	1184	480203.124	4400323.195	1204
480294.389	4400319.746	1683	480276.116	4400330.843	1531	480200.241	4400323.371	1005
480295.374	4400318.151	2300	480273.245	4400331.335	1452	480197.726	4400322.927	921
480297.330	4400315.925	1808	480269.888	4400331.407	1430	480195.331	4400322.491	1261
480298.715	4400313.738	1112	480267.854	4400330.789	1392	480192.215	4400322.014	1485
480300.146	4400311.804	1061	480267.214	4400329.127	1564	480190.043	4400322.048	1647

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480301.942	4400313.608	998	480267.834	4400333.330	1014	480189.348	4400324.841	1215
480300.704	4400315.936	1269	480270.789	4400333.507	1445	480192.215	4400325.144	1253
480299.434	4400318.284	1904	480273.649	4400333.742	1941	480194.839	4400325.480	1199
480297.901	4400320.884	2523	480277.261	4400333.704	1263	480197.769	4400325.520	959
480297.107	4400320.264	2883	480280.137	4400333.923	1398	480200.430	4400325.438	1148
480298.516	4400321.353	7691	480279.865	4400331.941	1839	480203.033	4400325.778	870
480299.477	4400320.581	2804	480277.125	4400335.974	1070	480205.431	4400325.966	1223
480298.452	4400322.471	4023	480265.415	4400329.880	1362	480208.314	4400326.258	1065
480297.329	4400321.487	3275	480262.694	4400329.265	1500	480211.209	4400326.727	1378
480296.555	4400322.869	4448	480259.663	4400328.520	1416	480214.394	4400327.353	1520
480295.661	4400322.111	2446	480257.189	4400328.465	6426	480217.500	4400327.405	1217
480297.410	4400323.497	25878	480257.013	4400329.285	1505	480220.144	4400326.335	1137
480298.103	4400323.986	4239	480258.857	4400328.597	2000	480222.969	4400327.265	1346
480297.072	4400324.312	5651	480257.380	4400326.976	2805	480225.194	4400327.229	1190
480296.006	4400323.809	4075	480256.140	4400328.246	4801	480228.203	4400326.837	964
480294.814	4400324.972	6005	480256.048	4400328.895	3585	480231.603	4400326.673	1023
480295.947	4400325.812	8097	480255.845	4400329.904	1380	480234.609	4400327.014	961
480293.966	4400326.290	2808	480254.653	4400327.416	1621	480237.319	4400327.278	1262
480293.024	4400327.764	9850	480252.399	4400326.952	2420	480240.152	4400327.747	1676
480294.160	4400328.397	11180	480251.290	4400326.741	1718	480242.524	4400328.169	2286
480294.826	4400328.834	2328	480248.829	4400325.810	1438	480243.737	4400329.402	1940
480293.607	4400328.793	5552	480246.299	4400325.360	1370	480181.944	4400332.738	1457
480292.323	4400328.431	2096	480245.452	4400328.048	2039	480182.893	4400330.478	1116
480291.346	4400329.670	1941	480247.330	4400328.319	2156	480183.731	4400327.628	1215
480292.604	4400330.387	2449	480249.107	4400328.694	2549	480183.871	4400324.557	1258
480290.830	4400331.547	1670	480250.698	4400329.218	2731	480184.446	4400321.379	1240
480289.771	4400334.049	1624	480252.249	4400329.630	1944	480180.872	4400321.066	1136
480292.385	4400335.214	945	480253.864	4400330.075	1786	480178.132	4400320.526	1096
480293.868	4400332.066	980	480256.536	4400331.003	1227	480175.291	4400321.924	1211
480295.468	4400329.160	1551	480258.792	4400331.625	1259	480172.613	4400320.007	1198
480297.241	4400327.104	1766	480261.498	4400332.255	1867	480170.354	4400320.305	1031
480298.810	4400324.686	4001	480264.289	4400332.561	1131	480169.602	4400322.290	1352
480299.728	4400325.274	6519	480266.985	4400333.114	1562	480172.400	4400323.156	1724
480298.952	4400326.118	2031	480252.597	4400328.963	1981	480174.796	4400323.517	1417
480297.941	4400325.717	4182	480251.207	4400328.679	3027	480177.211	4400323.409	1190
480297.067	4400325.166	8274	480249.875	4400328.440	2629	480179.987	4400324.279	1225
480296.807	4400326.030	14984	480249.403	4400327.502	3319	480182.205	4400325.504	1084
480299.363	4400323.756	3476	480248.287	4400327.232	2079	480181.339	4400329.067	1155
480300.079	4400324.140	7898	480244.313	4400325.270	1154	480178.938	4400327.838	1304
480300.109	4400322.405	3086	480241.594	4400325.008	1985	480176.022	4400327.023	1373
480301.182	4400322.653	3707	480238.883	4400324.870	2761	480173.206	4400326.239	1179
480300.707	4400320.269	1812	480238.848	4400325.577	1060	480170.397	4400325.628	1359
480302.207	4400318.019	1754	480237.131	4400324.089	1438	480168.760	4400325.161	1242
480303.572	4400315.422	1292	480234.393	4400323.905	1588	480179.236	4400330.499	1210
480303.404	4400321.364	1533	480231.431	4400323.854	2231	480181.373	4400332.198	1345
480302.213	4400323.830	3964	480228.695	4400323.739	1290	480185.336	4400330.371	1221
480302.959	4400322.620	1546	480226.358	4400324.085	1171	480188.022	4400331.055	1136
480303.434	4400324.176	2516	480224.183	4400323.655	1338	480190.346	4400332.195	1272
480301.673	4400324.831	3472	480221.683	4400324.005	1238	480193.241	4400333.440	1391
480195.868	4400334.620	1375	480160.979	4400316.287	1456	480474.049	4400447.290	820
480198.191	4400335.782	1421	480164.023	4400316.553	1515	480476.212	4400449.571	1043
480200.616	4400336.810	1340	480411.032	4400421.380	956	480480.198	4400450.115	1249
480203.020	4400337.989	833	480415.084	4400423.101	829	480451.714	4400446.471	680
480205.331	4400339.366	858	480418.967	4400424.734	702	480447.068	4400444.608	861
480207.744	4400340.785	1161	480422.429	4400425.702	1542	480445.214	4400444.568	811
480209.568	4400342.329	913	480426.006	4400427.085	1468	480442.818	4400438.546	15335
480207.126	4400345.669	1137	480429.563	4400428.139	2313	480280.651	4400384.714	1145
480204.046	4400344.493	1056	480433.386	4400429.070	1451	480279.551	4400382.452	1181
480202.024	4400343.379	1062	480436.214	4400429.331	1763	480275.913	4400378.543	1160
480199.614	4400342.579	1057	480440.253	4400431.208	959	480273.825	4400376.360	1504
480197.028	4400340.429	994	480443.770	4400432.215	944	480270.335	4400373.849	1148
480194.493	4400338.972	1191	480451.140	4400434.234	758	480267.116	4400372.013	1265

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480191.711	4400337.893	1122	480455.350	4400435.822	727	480264.258	4400370.099	839
480189.986	4400336.959	1200	480458.584	4400436.297	842	480260.652	4400367.281	1296
480187.476	4400334.722	1403	480462.686	4400437.891	878	480259.126	4400366.529	1456
480184.917	4400334.591	1460	480465.994	4400439.103	944	480278.212	4400384.304	2442
480182.346	4400332.774	1443	480483.596	4400447.915	944	480275.522	4400382.231	1112
480183.731	4400330.979	961	480480.433	4400446.979	961	480273.161	4400381.406	1249
480185.678	4400331.255	996	480477.137	4400446.487	927	480271.241	4400379.480	1379
480188.124	4400333.085	1139	480473.730	4400445.171	2007	480269.307	4400378.431	885
480190.590	4400334.319	937	480470.209	4400443.968	820	480268.124	4400377.479	1020
480193.596	4400335.844	1099	480471.458	4400444.802	968	480265.611	4400375.173	1143
480196.681	4400337.587	822	480467.169	4400442.656	831	480263.833	4400373.713	1022
480199.145	4400339.445	840	480463.659	4400441.799	976	480261.750	4400371.559	1087
480201.972	4400340.673	923	480460.936	4400441.876	768	480259.633	4400370.118	1151
480204.645	4400342.096	1067	480456.885	4400439.021	758	480258.089	4400368.570	1599
480207.672	4400343.614	1031	480453.089	4400438.125	747	480256.721	4400367.943	1008
480167.966	4400326.040	1206	480449.663	4400437.200	720	480259.085	4400366.141	2122
480165.350	4400325.650	1328	480445.750	4400436.205	674	480259.960	4400368.405	1328
480161.653	4400325.300	1543	480442.586	4400435.029	929	480262.121	4400369.837	698
480158.516	4400324.287	1122	480438.826	4400433.855	1151	480264.592	4400370.882	1052
480155.165	4400323.463	986	480435.410	4400432.784	2079	480253.462	4400369.361	946
480152.335	4400323.195	1305	480432.251	4400431.219	1082	480254.899	4400370.000	1860
480149.427	4400322.593	1014	480429.563	4400430.006	1216	480256.426	4400371.253	979
480146.049	4400322.249	1026	480426.466	4400428.643	1745	480258.765	4400374.238	3029
480143.554	4400322.416	954	480423.934	4400427.300	1534	480260.773	4400375.869	1000
480141.230	4400322.107	867	480420.155	4400425.726	714	480262.797	4400377.393	1102
480139.218	4400321.518	1030	480416.828	4400424.580	759	480264.723	4400379.764	904
480138.736	4400317.816	1266	480413.743	4400423.158	1014	480266.652	4400380.656	1091
480141.528	4400318.316	1206	480412.405	4400425.217	841	480267.985	4400381.656	1341
480144.622	4400319.059	1232	480415.338	4400426.378	761	480270.406	4400383.496	1734
480147.698	4400319.516	1264	480418.616	4400428.269	965	480271.635	4400383.773	1344
480150.323	4400319.984	1113	480421.151	4400429.580	1089	480273.794	4400386.524	1278
480153.341	4400320.642	1412	480423.794	4400431.095	978	480275.293	4400387.397	1164
480156.624	4400321.129	1335	480426.140	4400431.769	1028	480274.439	4400390.258	1076
480159.556	4400322.211	1213	480429.986	4400432.762	922	480272.608	4400389.107	1313
480162.594	4400322.176	1140	480432.007	4400433.777	1076	480269.992	4400387.488	1394
480165.244	4400322.053	1170	480435.882	4400435.894	848	480267.822	4400386.291	1638
480167.856	4400322.758	1327	480440.791	4400437.508	8595	480266.009	4400385.296	1096
480168.336	4400319.151	1115	480441.586	4400438.074	1355	480263.320	4400382.798	941
480164.740	4400318.982	1201	480441.734	4400439.009	779	480260.795	4400380.517	987
480162.137	4400318.728	2193	480446.430	4400439.860	716	480258.471	4400378.280	991
480158.774	4400319.513	1508	480450.087	4400441.346	767	480256.378	4400376.722	960
480155.946	4400317.932	1398	480453.304	4400442.448	1644	480254.686	4400375.381	1421
480152.687	4400317.368	1438	480459.649	4400444.295	834	480253.450	4400374.796	1056
480149.565	4400315.943	1120	480460.320	4400442.411	891	480249.719	4400375.763	845
480146.779	4400315.625	1125	480461.033	4400444.453	802	480251.408	4400377.324	1395
480144.043	4400315.098	1487	480464.756	4400446.445	805	480253.376	4400379.285	1154
480142.129	4400314.947	1233	480468.992	4400448.343	890	480255.832	4400381.680	1260
480139.520	4400313.058	1112	480471.383	4400449.012	820	480257.427	4400382.806	1085
480195.868	4400334.620	1375	480160.979	4400316.287	1456	480474.049	4400447.290	820
480198.191	4400335.782	1421	480164.023	4400316.553	1515	480476.212	4400449.571	1043
480200.616	4400336.810	1340	480411.032	4400421.380	956	480480.198	4400450.115	1249
480203.020	4400337.989	833	480415.084	4400423.101	829	480451.714	4400446.471	680
480205.331	4400339.366	858	480418.967	4400424.734	702	480447.068	4400444.608	861
480207.744	4400340.785	1161	480422.429	4400425.702	1542	480445.214	4400444.568	811
480209.568	4400342.329	913	480426.006	4400427.085	1468	480442.818	4400438.546	15335
480207.126	4400345.669	1137	480429.563	4400428.139	2313	480280.651	4400384.714	1145
480204.046	4400344.493	1056	480433.386	4400429.070	1451	480279.551	4400382.452	1181
480202.024	4400343.379	1062	480436.214	4400429.331	1763	480275.913	4400378.543	1160
480199.614	4400342.579	1057	480440.253	4400431.208	959	480273.825	4400376.360	1504
480197.028	4400340.429	994	480443.770	4400432.215	944	480270.335	4400373.849	1148
480194.493	4400338.972	1191	480451.140	4400434.234	758	480267.116	4400372.013	1265
480191.711	4400337.893	1122	480455.350	4400435.822	727	480264.258	4400370.099	839

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480189.986	4400336.959	1200	480458.584	4400436.297	842	480260.652	4400367.281	1296
480187.476	4400334.722	1403	480462.686	4400437.891	878	480259.126	4400366.529	1456
480184.917	4400334.591	1460	480465.994	4400439.103	944	480278.212	4400384.304	2442
480182.346	4400332.774	1443	480483.596	4400447.915	944	480275.522	4400382.231	1112
480183.731	4400330.979	961	480480.433	4400446.979	961	480273.161	4400381.406	1249
480185.678	4400331.255	996	480477.137	4400446.487	927	480271.241	4400379.480	1379
480188.124	4400333.085	1139	480473.730	4400445.171	2007	480269.307	4400378.431	885
480190.590	4400340.319	937	480470.209	4400443.968	820	480268.124	4400377.479	1020
480193.596	4400335.844	1099	480471.458	4400444.802	968	480265.611	4400375.173	1143
480196.681	4400337.587	822	480467.169	4400442.656	831	480263.833	4400373.713	1022
480199.145	4400339.445	840	480463.659	4400441.799	976	480261.750	4400371.559	1087
480201.972	4400340.673	923	480460.936	4400441.876	768	480259.633	4400370.118	1151
480204.645	4400342.096	1067	480456.885	4400439.021	758	480258.089	4400368.570	1599
480207.672	4400343.614	1031	480453.089	4400438.125	747	480256.721	4400367.943	1008
480167.966	4400326.040	1206	480449.663	4400437.200	720	480259.085	4400366.141	2122
480165.350	4400325.650	1328	480445.750	4400436.205	674	480259.960	4400368.405	1328
480161.653	4400325.300	1543	480442.586	4400435.029	929	480262.121	4400369.837	698
480158.516	4400324.287	1122	480438.826	4400433.855	1151	480264.592	4400370.882	1052
480155.165	4400323.463	986	480435.410	4400432.784	2079	480253.462	4400369.361	946
480152.335	4400323.195	1305	480432.251	4400431.219	1082	480254.899	4400370.000	1860
480149.427	4400322.593	1014	480429.563	4400430.006	1216	480256.426	4400371.253	979
480146.049	4400322.249	1026	480426.466	4400428.643	1745	480258.765	4400374.238	3029
480143.554	4400322.416	954	480423.934	4400427.300	1534	480260.773	4400375.869	1000
480141.230	4400322.107	867	480420.155	4400425.726	714	480262.797	4400377.393	1102
480139.218	4400321.518	1030	480416.828	4400424.580	759	480264.723	4400379.764	904
480138.736	4400317.816	1266	480413.743	4400423.158	1014	480266.652	4400380.656	1091
480141.528	4400318.316	1206	480412.405	4400425.217	841	480267.985	4400381.656	1341
480144.622	4400319.059	1232	480415.338	4400426.378	761	480270.406	4400383.496	1734
480147.698	4400319.516	1264	480418.616	4400428.269	965	480271.635	4400383.773	1344
480150.323	4400319.984	1113	480421.151	4400429.580	1089	480273.794	4400386.524	1278
480153.341	4400320.642	1412	480423.794	4400431.095	978	480275.293	4400387.397	1164
480156.624	4400321.129	1335	480426.140	4400431.769	1028	480274.439	4400390.258	1076
480159.556	4400322.211	1213	480429.986	4400432.762	922	480272.608	4400389.107	1313
480162.594	4400322.176	1140	480432.007	4400433.777	1076	480269.992	4400387.488	1394
480165.244	4400322.053	1170	480435.882	4400435.894	848	480267.822	4400386.291	1638
480167.856	4400322.758	1327	480440.791	4400437.508	8595	480266.009	4400385.296	1096
480168.336	4400319.151	1115	480441.586	4400438.074	1355	480263.320	4400382.798	941
480164.740	4400318.982	1201	480441.734	4400439.009	779	480260.795	4400380.517	987
480162.137	4400318.728	2193	480446.430	4400439.860	716	480258.471	4400378.280	991
480158.774	4400319.513	1508	480450.087	4400441.346	767	480256.378	4400376.722	960
480155.946	4400317.932	1398	480453.304	4400442.448	1644	480254.686	4400375.381	1421
480152.687	4400317.368	1438	480459.649	4400444.295	834	480253.450	4400374.796	1056
480149.565	4400315.943	1120	480460.320	4400442.411	891	480249.719	4400375.763	845
480146.779	4400315.625	1125	480461.033	4400444.453	802	480251.408	4400377.324	1395
480144.043	4400315.098	1487	480464.756	4400446.445	805	480253.376	4400379.285	1154
480142.129	4400314.947	1233	480468.992	4400448.343	890	480255.832	4400381.680	1260
480139.520	4400313.058	1112	480471.383	4400449.012	820	480257.427	4400382.806	1085
480260.168	4400385.244	1012	480253.127	4400332.414	1045	480262.129	4400338.881	1594
480262.146	4400386.952	1329	480249.679	4400331.412	1083	480259.400	4400337.631	1224
480264.726	4400389.037	1215	480246.615	4400330.192	1395	480256.527	4400336.716	1027
480266.313	4400390.841	1296	480243.750	4400329.891	1479	480253.947	4400335.215	1043
480268.655	4400392.577	1429	480240.413	4400329.019	1352	480251.054	4400334.851	1283
480270.845	4400394.455	1187	480236.898	4400328.969	1444	480247.780	4400333.528	1279
480272.027	4400395.213	1264	480233.333	4400327.836	1335	480245.400	4400333.312	1220
480275.125	4400398.481	1657	480229.644	4400327.173	874	480243.088	4400332.538	1206
480272.265	4400398.085	1350	480226.518	4400327.406	954	480239.512	4400332.535	898
480270.850	4400397.333	1158	480225.069	4400330.307	1111	480236.836	4400332.538	870
480268.546	4400394.194	1099	480221.735	4400329.501	887	480233.853	4400331.701	1073
480266.235	4400392.651	1189	480218.794	4400329.177	928	480230.601	4400331.767	928
480264.490	4400390.500	1022	480215.488	4400330.345	879	480227.761	4400331.770	908
480262.603	4400389.098	1090	480212.212	4400329.557	1436	480224.363	4400333.442	1301
480260.119	4400386.501	1145	480209.038	4400328.728	1101	480228.595	4400329.970	887

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480257.573	4400384.647	1087	480205.245	4400328.853	1065	480232.751	4400330.209	853
480255.979	4400382.888	1370	480201.978	4400327.958	944	480236.563	4400331.023	824
480253.323	4400380.013	1147	480198.842	4400327.448	1087	480239.381	4400331.282	1024
480251.495	4400377.869	1057	480194.895	4400325.748	1067	480242.742	4400331.853	1244
480249.363	4400375.442	1075	480192.477	4400327.127	1337	480187.453	4400328.888	957
480246.782	4400376.687	961	480188.880	4400326.320	1329	480190.176	4400330.414	908
480249.205	4400380.014	1107	480186.239	4400326.682	1538	480193.149	4400331.812	4617
480251.540	4400381.514	1254	480185.668	4400328.570	1006	480192.535	4400331.569	1117
480253.673	4400384.176	1194	480188.648	4400330.164	1054	480194.124	4400332.544	1143
480255.749	4400385.899	948	480190.957	4400329.557	1185	480195.411	4400333.243	1180
480258.529	4400388.255	1094	480193.295	4400329.950	2070	480198.056	4400334.577	1947
480261.453	4400389.876	1108	480196.343	4400330.038	6606	480201.446	4400335.759	866
480263.140	4400392.231	1108	480197.056	4400330.136	1755	480204.053	4400337.160	1098
480264.653	4400394.365	1002	480196.577	4400331.188	1883	480207.138	4400338.725	1071
480266.754	4400396.245	1040	480196.132	4400329.458	3340	480210.671	4400340.650	905
480268.213	4400397.367	1396	480197.670	4400329.998	3539	480212.064	4400338.363	877
480269.104	4400399.106	1165	480198.686	4400330.551	2246	480209.506	4400336.975	1326
480271.259	4400401.021	1248	480199.915	4400330.205	4586	480206.768	4400335.266	1190
480274.259	4400402.488	1857	480201.839	4400331.487	1181	480203.738	4400333.798	814
480276.176	4400403.032	1523	480202.416	4400330.897	1261	480200.124	4400331.675	1675
480279.277	4400403.652	1164	480203.611	4400331.946	1088	480197.556	4400330.406	1685
480282.118	4400402.714	2069	480205.694	4400331.304	1449	480198.787	4400331.041	8383
480284.170	4400400.595	1381	480205.651	4400331.326	1440	480198.535	4400331.637	4693
480287.245	4400398.868	1292	480205.947	4400331.834	1008	480197.751	4400331.048	4612
480289.792	4400398.709	1480	480207.860	4400330.399	1106	480198.131	4400330.087	4643
480292.370	4400398.133	1872	480210.798	4400331.960	1176	480200.295	4400330.939	5566
480295.677	4400397.481	1482	480212.785	4400332.537	1195	480202.947	4400332.256	1018
480289.346	4400397.730	1100	480215.424	4400333.741	1065	480205.698	4400333.225	986
480286.648	4400399.298	1567	480218.018	4400332.913	1063	480207.933	4400334.820	919
480283.380	4400399.542	1358	480220.300	4400333.232	1126	480210.879	4400336.243	823
480280.158	4400399.471	1326	480222.379	4400333.714	1270	480212.792	4400333.546	1031
480276.554	4400399.898	1536	480224.260	4400332.559	1051	480214.199	4400334.371	884
480273.586	4400398.782	1404	480228.617	4400333.967	1070	480217.626	4400334.431	1008
480271.107	4400397.709	1187	480230.745	4400334.654	920	480218.736	4400335.633	1358
480259.843	4400359.205	1209	480234.066	4400335.422	870	480221.738	4400335.702	1331
480260.628	4400355.706	1385	480236.948	4400335.461	1195	480224.467	4400336.285	1034
480261.086	4400353.141	1187	480240.047	4400336.015	1070	480225.484	4400338.790	1165
480261.392	4400349.682	1275	480242.557	4400335.541	1651	480222.542	4400338.642	1129
480261.834	4400346.410	1294	480244.966	4400335.888	1235	480220.214	4400337.455	1373
480262.259	4400343.624	1354	480248.025	4400336.636	1277	480217.461	4400336.810	1117
480262.200	4400341.624	1589	480251.311	4400337.225	953	480213.961	4400335.545	874
480262.724	4400338.894	1354	480253.856	4400336.751	1122	480212.388	4400337.466	810
480264.172	4400335.787	1071	480256.447	4400338.477	1355	480214.709	4400338.595	1400
480261.852	4400334.775	1036	480259.164	4400338.400	1487	480217.436	4400338.838	1384
480258.830	4400333.649	1389	480261.219	4400337.798	1493	480219.133	4400339.587	1122
480255.598	4400332.855	1168	480263.302	4400338.212	1202	480222.115	4400341.046	1171
480224.558	4400342.199	1454	480247.141	4400347.308	1927	480234.077	4400322.207	940
480223.941	4400344.391	1182	480246.055	4400349.318	1906	480230.893	4400321.801	887
480221.375	4400343.033	1215	480245.267	4400351.861	1432	480227.715	4400321.920	1167
480218.495	4400342.642	962	480247.983	4400354.489	780	480225.793	4400321.479	1144
480215.229	4400341.700	973	480248.670	4400352.188	1031	480223.000	4400321.300	1355
480210.788	4400341.105	863	480249.685	4400349.815	1458	480219.191	4400321.913	1179
480225.572	4400346.789	1208	480250.633	4400346.598	1659	480216.740	4400321.704	1110
480229.230	4400347.161	1057	480251.707	4400342.970	806	480214.778	4400322.453	1115
480228.667	4400343.958	770	480252.741	4400340.301	1854	480211.513	4400321.426	1257
480229.123	4400340.816	956	480252.701	4400337.957	1834	480208.160	4400320.907	1084
480228.475	4400337.781	1031	480255.677	4400338.037	836	480203.889	4400321.448	1883
480228.608	4400335.122	1019	480255.506	4400340.531	1274	480202.319	4400321.488	1939
480231.775	4400333.923	950	480254.723	4400343.679	1220	480200.883	4400321.198	1738
480231.246	4400336.941	1462	480253.765	4400346.435	1283	480193.425	4400320.224	993
480230.470	4400339.750	979	480252.280	4400350.586	1567	480188.836	4400319.645	1074
480229.545	4400343.079	752	480251.605	4400352.925	1265	480189.104	4400321.665	1794

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480228.676	4400345.016	1147	480250.303	4400354.734	1124	480188.468	4400323.051	1589
480231.901	4400346.970	1108	480252.969	4400357.041	942	480187.553	4400324.229	1454
480232.208	4400344.215	764	480253.957	4400354.220	1055	480186.750	4400325.604	1436
480232.249	4400341.532	967	480255.221	4400351.373	1238	480185.797	4400326.161	1486
480235.459	4400332.817	1046	480256.245	4400348.412	1123	480167.520	4400316.385	1107
480235.400	4400335.900	941	480257.112	4400345.159	1331	480411.188	4400428.613	883
480234.299	4400339.378	1065	480259.390	4400341.461	926	480413.716	4400429.035	709
480233.172	4400342.018	936	480259.646	4400338.806	1483	480417.158	4400430.346	793
480233.025	4400345.784	1095	480262.843	4400336.783	1580	480406.080	4400435.441	964
480235.421	4400346.825	938	480261.266	4400339.397	1270	480409.013	4400436.663	759
480235.530	4400344.561	1178	480260.922	4400341.724	1324	480411.717	4400437.556	875
480235.764	4400342.354	1545	480260.246	4400343.206	1505	480413.870	4400438.698	1054
480236.249	4400340.164	3251	480260.195	4400345.842	1333	480412.786	4400440.987	1075
480236.542	4400340.096	1847	480254.590	4400327.131	1256	480409.955	4400440.600	731
480235.670	4400339.389	2061	480257.767	4400327.016	1183	480406.848	4400440.048	878
480236.739	4400339.601	2715	480261.577	4400326.690	845	480405.811	4400442.163	836
480238.231	4400340.206	2357	480264.989	4400326.354	918	480408.128	4400443.365	981
480236.712	4400339.127	2013	480267.506	4400326.030	851	480411.125	4400444.339	1064
480237.643	4400335.829	1071	480269.897	4400325.184	931	480413.436	4400444.974	1082
480241.160	4400335.213	1124	480273.731	4400324.754	1147	480416.283	4400445.709	1297
480240.203	4400337.908	1250	480277.298	4400324.009	1367	480419.231	4400446.784	2312
480239.460	4400341.032	2463	480279.968	4400324.268	1071	480419.030	4400448.033	1147
480238.879	4400344.207	1073	480282.473	4400323.026	997	480414.187	4400448.941	1073
480238.110	4400347.236	1036	480286.213	4400322.497	1108	480411.962	4400447.944	1139
480240.777	4400349.647	1323	480288.553	4400322.252	1608	480408.591	4400447.091	1020
480241.321	4400346.897	1273	480286.218	4400322.876	989	480405.690	4400446.462	964
480241.859	4400342.419	1156	480283.589	4400324.089	1103	480404.305	4400448.989	1045
480241.954	4400339.857	1140	480282.196	4400326.103	1456	480407.114	4400449.746	1016
480242.103	4400337.970	1647	480279.832	4400326.309	2723	480410.625	4400450.444	1065
480242.525	4400337.015	1559	480278.563	4400325.871	1225	480413.406	4400450.941	1310
480246.628	4400335.946	1263	480280.166	4400324.433	1849	480417.883	4400454.717	912
480245.986	4400338.334	1499	480276.228	4400327.499	2927	480415.203	4400454.846	955
480245.112	4400341.058	1336	480275.226	4400326.882	1377	480411.235	4400454.171	1024
480244.537	4400343.534	1147	480274.972	4400327.975	2361	480408.726	4400454.430	1028
480243.302	4400346.610	1261	480276.078	4400328.392	3229	480405.715	4400454.472	1045
480242.929	4400348.944	1014	480276.567	4400327.293	1172	480404.214	4400457.297	1014
480246.388	4400351.737	886	480275.613	4400326.529	1849	480407.654	4400457.505	981
480246.715	4400348.774	1193	480273.685	4400326.533	743	480410.896	4400457.580	989
480247.187	4400345.673	1295	480271.498	4400326.483	672	480413.665	4400458.090	1231
480247.618	4400342.920	1123	480268.995	4400326.335	804	480416.971	4400458.893	1087
480248.229	4400340.049	1412	480270.697	4400327.728	950	480430.108	4400450.144	885
480248.335	4400337.552	970	480271.502	4400328.815	939	480430.754	4400451.020	860
480250.541	4400337.182	863	480274.196	4400328.443	1673	480434.727	4400452.359	1043
480249.850	4400339.781	1038	480274.979	4400328.049	2697	480433.057	4400453.413	1341
480248.586	4400342.638	1417	480275.306	4400329.396	1278	480428.097	4400457.489	1286
480429.442	4400457.082	1649	480425.697	4400474.924	917	480462.097	4400462.181	1346
480430.814	4400460.541	1245	480428.806	4400474.570	984	480461.043	4400462.814	1030
480431.749	4400463.863	1704	480431.801	4400475.313	797	480468.039	4400467.016	878
480430.984	4400465.780	1499	480431.533	4400475.256	795	480470.240	4400468.383	1129
480428.712	4400467.273	2441	480435.088	4400476.639	821	480472.010	4400467.410	729
480427.106	4400465.244	1556	480437.501	4400475.655	1152	480474.663	4400468.615	983
480427.577	4400464.328	2080	480440.958	4400474.247	1371	480478.625	4400467.711	969
480430.218	4400464.273	1079	480443.528	4400474.234	1169	480479.187	4400468.979	1284
480427.617	4400462.723	1565	480446.404	4400474.241	1064	480481.503	4400469.057	1208
480425.004	4400460.621	1926	480448.399	4400474.603	1034	480481.562	4400470.393	872
480423.515	4400462.222	1429	480451.556	4400472.764	1033	480478.324	4400472.841	797
480426.375	4400459.434	1328	480453.580	4400471.593	783	480476.253	4400470.567	815
480428.748	4400460.364	1148	480455.540	4400472.626	718	480473.001	4400472.930	738
480423.764	4400457.861	1406	480456.835	4400472.309	863	480469.933	4400471.768	932
480420.813	4400458.658	1123	480461.312	4400471.248	939	480465.436	4400470.898	743
480420.653	4400455.233	2759	480464.220	4400467.485	1507	480462.954	4400472.383	832
480432.399	4400467.046	1478	480468.606	4400465.058	957	480459.714	4400471.718	689

**Table 3-1
Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480432.564	4400468.677	1463	480471.005	4400467.582	880	480457.735	4400471.172	788
480431.942	4400466.908	2371	480475.053	4400472.186	788	480455.245	4400472.074	761
480435.110	4400466.123	2319	480449.806	4400463.792	922	480483.369	4400465.187	1066
480437.094	4400466.146	2026	480446.728	4400465.515	1075	480488.483	4400459.533	1017
480438.472	4400466.195	4048	480441.725	4400469.440	1335	480485.153	4400461.547	945
480439.483	4400464.555	2300	480439.135	4400469.243	934	480484.990	4400461.193	999
480439.941	4400465.809	3042	480434.600	4400470.914	963	480486.833	4400457.782	1004
480438.237	4400464.880	4032	480431.564	4400471.545	1040	480485.230	4400454.345	1022
480440.501	4400463.671	1683	480428.832	4400472.464	982	480487.270	4400452.926	1036
480440.785	4400462.237	2216	480425.541	4400471.785	1040	480488.640	4400449.957	1901
480438.246	4400461.654	1290	480422.901	4400471.807	1164	480489.223	4400448.890	4619
480435.750	4400459.828	1641	480420.272	4400471.040	1028	480489.690	4400449.597	6683
480440.648	4400457.388	1032	480417.256	4400471.300	929	480489.026	4400447.460	1153
480439.769	4400455.957	992	480414.210	4400471.135	1059	480484.791	4400448.100	706
480436.845	4400454.710	1029	480411.344	4400471.122	901	480486.309	4400453.027	1041
480433.718	4400452.635	888	480408.078	4400470.247	1031	480485.380	4400453.379	1076
480436.212	4400453.926	852	480405.824	4400469.054	1006	480420.570	4400470.402	1241
480439.079	4400453.367	839	480404.884	4400472.954	1041	480424.329	4400470.432	990
480440.124	4400450.851	816	480407.540	4400473.548	916	480427.157	4400469.990	1359
480442.085	4400455.512	923	480410.095	4400473.261	1016	480425.076	4400467.954	1306
480442.686	4400459.131	1900	480413.109	4400473.492	935	480422.019	4400467.273	1233
480443.421	4400460.299	1008	480416.305	4400474.160	1025	480418.704	4400466.982	987
480441.398	4400461.829	1821	480419.276	4400473.827	1132	480415.396	4400465.760	894
480440.104	4400465.061	1383	480422.162	4400473.643	998	480412.256	4400464.313	869
480439.317	4400467.503	1129	480424.360	4400473.212	1373	480409.360	4400463.300	943
480442.490	4400467.047	961	480428.177	4400474.568	1081	480406.645	4400462.464	1141
480444.693	4400463.363	928	480431.923	4400474.012	865	480411.553	4400428.654	980
480446.024	4400462.184	942	480434.066	4400472.778	964	480356.484	4400361.140	830
480448.064	4400463.805	902	480437.538	4400472.482	1014	480353.830	4400363.662	757
480450.547	4400465.206	1336	480440.568	4400472.160	1135	480352.123	4400367.076	827
480452.826	4400461.998	1989	480444.193	4400471.624	1084	480350.342	4400370.551	931
480451.748	4400460.024	1329	480447.856	4400472.220	1082	480348.551	4400372.972	3375
480453.154	4400458.965	2775	480449.236	4400470.081	1284	480347.851	4400373.940	960
480453.811	4400464.704	1556	480453.058	4400469.504	993	480346.206	4400375.580	1036
480453.809	4400466.025	2009	480455.531	4400468.875	1028	480344.543	4400378.849	954
480455.618	4400463.710	1063	480457.644	4400467.344	892	480343.008	4400381.806	1618
480458.299	4400462.595	1489	480461.945	4400468.553	2207	480341.325	4400384.470	1477
480461.732	4400463.993	1247	480461.459	4400468.343	1220	480339.454	4400387.661	1259
480406.534	4400476.529	917	480461.968	4400467.981	1037	480337.599	4400391.027	2017
480408.713	4400474.487	1294	480462.830	4400467.286	2971	480340.442	4400394.201	1403
480410.898	4400475.125	938	480463.683	4400467.437	2235	480342.369	4400391.336	1030
480413.905	4400475.977	1109	480464.163	4400467.318	1571	480343.831	4400387.386	1071
480416.159	4400475.736	1046	480464.528	4400467.906	1211	480345.537	4400385.840	1129
480422.426	4400474.912	1039	480462.487	4400465.730	1205	480347.336	4400382.818	941
480349.253	4400380.559	989	480374.512	4400393.175	1083	480404.294	4400399.662	1066
480350.773	4400377.700	1432	480375.731	4400390.176	886	480404.580	4400396.745	803
480354.496	4400372.255	1338	480376.726	4400387.571	946	480404.721	4400394.651	1013
480356.332	4400369.577	946	480378.307	4400384.291	809	480405.415	4400391.224	2584
480358.151	4400366.265	757	480379.278	4400381.539	670	480406.151	4400388.640	1234
480359.832	4400364.455	844	480380.291	4400379.134	908	480409.213	4400387.419	1075
480363.163	4400364.900	779	480383.552	4400379.382	773	480408.876	4400390.864	1017
480362.174	4400367.683	755	480382.905	4400381.851	862	480408.486	4400393.637	1054
480360.877	4400370.739	710	480381.726	4400384.424	927	480408.157	4400396.560	865
480359.388	4400373.768	843	480380.537	4400387.603	862	480407.751	4400399.588	1089
480358.440	4400376.498	817	480379.592	4400390.770	882	480406.991	4400402.696	948
480357.244	4400379.689	1001	480378.698	4400393.744	1046	480408.494	4400418.659	717
480355.548	4400383.007	1104	480377.142	4400396.510	1326	480406.896	4400420.492	941
480354.085	4400387.013	1173	480376.130	4400400.202	1354	480404.146	4400419.638	938
480352.881	4400389.074	1093	480378.946	4400402.582	922	480399.817	4400418.188	817
480352.655	4400392.425	935	480379.643	4400398.776	1233	480395.824	4400417.035	953
480351.308	4400396.091	1537	480380.561	4400396.262	923	480392.285	4400415.695	880
480353.700	4400398.589	644	480381.667	4400392.856	891	480389.414	4400415.597	783

**Table 3-1
Gamma Survey Locations and Readings**

Eastings	Northing	Ludlum Gamma 10-Second Count	Eastings	Northing	Ludlum Gamma 10-Second Count	Eastings	Northing	Ludlum Gamma 10-Second Count
480354.618	4400396.382	778	480382.399	4400389.989	1000	480386.539	4400414.970	757
480356.036	4400393.600	1259	480383.505	4400386.601	964	480376.455	4400414.048	937
480357.205	4400391.025	1203	480384.308	4400384.066	746	480374.216	4400414.501	978
480358.823	4400388.093	985	480385.761	4400381.027	909	480370.925	4400415.241	876
480360.125	4400385.016	951	480390.471	4400379.811	978	480367.643	4400415.924	977
480361.363	4400382.163	735	480389.936	4400382.813	976	480364.676	4400416.516	827
480362.719	4400379.306	774	480389.310	4400385.368	1029	480361.585	4400416.786	898
480364.042	4400376.916	741	480388.271	4400388.641	944	480359.780	4400416.090	753
480364.956	4400373.583	678	480387.685	4400391.672	918	480358.548	4400417.321	698
480366.381	4400371.162	801	480387.172	4400394.593	768	480355.934	4400418.431	795
480369.656	4400370.774	669	480386.204	4400397.853	1267	480352.416	4400419.070	806
480368.001	4400372.761	819	480389.342	4400400.367	1164	480349.231	4400419.675	906
480367.532	4400376.930	688	480390.217	4400397.459	834	480346.165	4400419.634	1022
480366.726	4400379.901	836	480390.709	4400394.749	1051	480342.984	4400420.203	1526
480365.797	4400383.316	936	480391.795	4400391.499	1000	480339.211	4400420.130	1111
480365.088	4400385.983	888	480392.428	4400389.065	1085	480335.684	4400418.447	1140
480364.296	4400388.448	1191	480393.505	4400386.047	980	480333.705	4400416.254	1130
480363.436	4400391.720	815	480394.694	4400381.725	1004	480330.573	4400415.111	1083
480362.302	4400394.470	680	480398.195	4400382.273	1184	480328.117	4400413.905	1062
480361.293	4400398.324	845	480397.661	4400385.489	1046	480325.196	4400412.788	1046
480360.289	4400400.822	1036	480396.723	4400389.087	1105	480322.568	4400411.136	1506
480362.858	4400403.015	1334	480395.939	4400392.191	1213	480320.741	4400413.258	675
480363.760	4400400.873	927	480395.552	4400395.021	1489	480318.024	4400412.163	868
480364.604	4400397.362	1039	480394.666	4400397.898	1391	480313.626	4400410.169	1138
480365.443	4400395.400	960	480394.070	4400400.970	1134	480310.751	4400409.233	1131
480366.480	4400392.476	691	480393.078	4400402.672	1030	480307.925	4400408.371	1049
480367.633	4400389.596	743	480396.328	4400405.154	1143	480304.857	4400406.780	1451
480369.024	4400386.648	908	480397.068	4400401.879	1024	480303.353	4400403.319	1507
480370.286	4400383.738	694	480397.872	4400398.512	1107	480300.996	4400401.813	1096
480371.418	4400381.044	683	480398.269	4400395.081	2327	480305.870	4400403.478	1915
480372.681	4400378.006	709	480398.959	4400391.977	1007	480317.570	4400409.001	1193
480376.159	4400377.572	667	480399.851	4400388.185	1063			
480374.705	4400382.067	704	480400.326	4400385.212	1096			
480374.207	4400384.009	744	480403.822	4400384.734	1149			
480373.446	4400386.885	807	480402.997	4400387.937	3547			
480372.530	4400389.626	687	480402.678	4400389.609	1832			
480371.585	4400392.735	890	480404.396	4400388.401	1904			
480370.243	4400395.959	1271	480402.394	4400388.033	1323			
480369.144	4400398.996	1454	480402.406	4400390.561	1534			
480368.154	4400401.977	2249	480402.010	4400393.282	1464			
480371.174	4400401.779	1661	480401.413	4400396.533	1102			
480372.304	4400399.334	1493	480400.554	4400399.628	1131			
480373.532	4400396.244	1288	480403.081	4400401.982	832			

**Table 3-2
Clay Pits Gamma Survey Locations and Readings**

Easting	Northing	Ludlum Gamma 10- Second Count	Easting	Northing	Ludlum Gamma 10- Second Count
480532.885	4400210.586	681	480544.452	4400189.844	766
480532.201	4400212.131	781	480531.631	4400208.952	718
480530.922	4400214.011	788	480542.494	4400219.796	708
480529.493	4400214.768	866	480542.942	4400218.396	647
480528.074	4400216.190	645	480543.803	4400219.569	671
480526.473	4400217.933	743	480545.093	4400217.010	554
480524.990	4400219.677	870	480546.771	4400214.633	645
480524.420	4400220.606	950	480548.263	4400212.536	573
480523.298	4400221.995	975	480550.153	4400209.565	760
480522.088	4400223.625	911	480551.723	4400207.088	672
480520.789	4400224.735	771	480553.390	4400204.458	717
480519.556	4400225.996	716	480555.358	4400202.092	744
480517.671	4400227.652	656	480557.487	4400199.305	793
480517.010	4400228.517	623	480555.856	4400196.414	703
480515.100	4400230.915	626	480553.154	4400199.027	730
480513.935	4400232.885	595	480551.953	4400201.470	780
480513.466	4400234.516	559	480550.003	4400203.891	760
480512.890	4400235.714	520	480549.194	4400206.572	763
480512.234	4400238.578	554	480548.047	4400208.572	654
480512.097	4400239.055	570	480547.073	4400211.633	740
480511.741	4400240.964	647	480545.316	4400214.349	541
480512.070	4400241.755	527	480543.791	4400216.439	644
480511.105	4400241.477	523	480541.723	4400216.641	722
480510.321	4400243.265	514	480542.402	4400216.061	554
480510.294	4400245.132	608	480543.925	4400212.872	529
480509.399	4400245.536	533	480544.704	4400210.039	653
480508.254	4400246.184	629	480546.400	4400208.026	701
480509.004	4400247.693	674	480547.663	4400205.539	709
480509.845	4400247.702	691	480548.848	4400202.174	649
480508.476	4400247.540	739	480550.114	4400200.138	636
480554.178	4400199.477	683			

**Table 3-3
Laboratory Methods List**

Soil Samples				Ground-Water Samples							
Alpha Spectroscopy - Paragon		Metals - Paragon		Semivolatile Organic Compounds - Evergreen		Metals/Cations - Paragon		Volatile Organic Compounds - Paragon		Semivolatile Organic Compounds - Paragon	
Analyte	Method	Analyte	Method	Analyte	Method	Analyte	Method	Analyte	Method	Analyte	Method
Th-228	714R8	Arsenic	SW6010	Acenaphthene	SW8270	Arsenic	SW6010	Acetone	SW8260	Acenaphthene	SW8270
Th-229	714R8	Barium	SW6010	Acenaphthylene	SW8270	Barium	SW6010	Benzene	SW8260	Acenaphthylene	SW8270
Th-230	714R8	Cadmium	SW6010	Anthracene	SW8270	Cadmium	SW6010	Bromobenzene	SW8260	Aniline	SW8270
Th-232	714R8	Chromium	SW6010	Benzo(a)anthracene	SW8270	Calcium	SW6010	Bromochloromethane	SW8260	Anthracene	SW8270
U-232	714R8	Lead	SW6010	Benzo(a)pyrene	SW8270	Chromium	SW6010	Bromodichloromethane	SW8260	Azobenzene	SW8270
U-234	714R8	Mercury	SW7471	Benzo(b&k)fluoranthene	SW8270	Lead	SW6010	Bromofom	SW8260	Benzo(a)anthracene	SW8270
U-235	714R8	Molybdenum	SW6010	Benzo(g,h,i)perylene	SW8270	Magnesium	SW6010	Bromomethane	SW8260	Benzo(a)pyrene	SW8270
U-238	714R8	Selenium	SW6010	Benzoic acid	SW8270	Potassium	SW6010	Carbon Disulfide	SW8260	Benzo(b)fluoranthene	SW8270
		Silver	SW6010	Benzyl alcohol	SW8270	Selenium	SW6010	Carbon Tetrachloride	SW8260	Benzo(g,h,i)perylene	SW8270
		Vanadium	SW6010	Bis(2-chloroethoxy)methane	SW8270	Silver	SW6010	Chlorobenzene	SW8260	Benzo(k)fluoranthene	SW8270
		Zinc	SW6010	Bis(2-chloroethyl)ether	SW8270	Sodium	SW6010	Chloroethane	SW8260	Benzoic acid	SW8270
				Bis(2-ethylhexyl)phthalate	SW8270	Vanadium	SW6010	Chloroform	SW8260	Benzyl alcohol	SW8270
				Butyl benzyl phthalate	SW8270	Zinc	SW6010	Chloromethane	SW8260	Bis(2-chloroethoxy)methane	SW8270
				Chrysene	SW8270	Molybdenum	SW6010	cis-1,2-Dichloroethene	SW8260	Bis(2-chloroethyl)ether	SW8270
				Dibenzo(a,h)anthracene	SW8270	Mercury	SW7470	cis-1,3-Dichloropropene	SW8260	Bis(2-chloroisopropyl)ether	SW8270
				Dibenzofuran	SW8270			Dibromochloromethane	SW8260	Bis(2-ethylhexyl)phthalate	SW8270
				Dichlorodisopropyl ether	SW8270			Dibromofluoromethane	SW8260	Butyl benzyl phthalate	SW8270
				Diethyl phthalate	SW8270			Dibromomethane	SW8260	Carbazole	SW8270
				Dimethyl phthalate	SW8270			Dichlorodifluoromethane	SW8260	Chrysene	SW8270
				Di-n-butyl phthalate	SW8270			Ethylbenzene	SW8260	Dibenzo(a,h)anthracene	SW8270
				Di-n-octyl phthalate	SW8270			Hexachlorobutadiene	SW8260	Dibenzofuran	SW8270
				Fluoranthene	SW8270			Iodomethane	SW8260	Diethyl phthalate	SW8270
				Fluorene	SW8270			Isopropylbenzene	SW8260	Dimethylphthalate	SW8270
				Hexachlorobenzene	SW8270			m+p-Xylene	SW8260	Di-n-butyl phthalate	SW8270
				Hexachlorobutadiene	SW8270			Methyl Tertiary Butyl Ether	SW8260	Di-n-octyl phthalate	SW8270
				Hexachlorocyclopentadiene	SW8270			Methylene Chloride	SW8260	Fluoranthene	SW8270
				Hexachloroethane	SW8270			Naphthalene	SW8260	Fluorene	SW8270
				Indeno(1,2,3-cd)pyrene	SW8270			Carbonate as CaCO3	EPA310.1C	Hexachlorobenzene	SW8270
				Isophorone	SW8270			Total alkalinity as CaCO3	EPA310.1	Hexachlorobutadiene	SW8270
				Naphthalene	SW8270			o-Xylene	SW8260	Hexachlorocyclopentadiene	SW8270
				Nitrobenzene	SW8270			p-Isopropyltoluene	SW8260	Hexachloroethane	SW8270
				N-Nitroso-di-n-propylamine	SW8270			sec-Butylbenzene	SW8260	Indeno(1,2,3-cd)pyrene	SW8270
				N-Nitrosodiphenylamine	SW8270			Styrene	SW8260	Isophorone	SW8270
				Pentachlorophenol	SW8270			Tert-Butylbenzene	SW8260	Naphthalene	SW8270
				Phenanthrene	SW8270			Tetrachloroethene	SW8260	Nitrobenzene	SW8270
				Phenol	SW8270			Toluene	SW8260	N-Nitrosodimethylamine	SW8270
				Pyrene	SW8270			trans-1,2-Dichloroethene	SW8260	N-Nitroso-di-n-propylamine	SW8270
				2-Chloronaphthalene	SW8270			trans-1,3-Dichloropropene	SW8260	N-Nitrosodiphenylamine	SW8270
				2-Chlorophenol	SW8270			Trichloroethene	SW8260	Pentachlorophenol	SW8270
				2-Methylnaphthalene	SW8270			Trichlorofluoromethane	SW8260	Phenanthrene	SW8270
				2-Methylphenol	SW8270			Trichlorotrifluoroethane	SW8260	Phenol	SW8270
				2-Nitroaniline	SW8270			Vinyl Acetate	SW8260	Pyrene	SW8270
				2-Nitrophenol	SW8270			Vinyl Chloride	SW8260	Pyridine	SW8270
				3-Nitroaniline	SW8270			1-Chlorohexane	SW8260	2-Chloronaphthalene	SW8270
				4-Bromophenyl phenyl ether	SW8270			2-Butanone	SW8260	2-Chlorophenol	SW8270
				4-Chloro-3-methylphenol	SW8270			2-Chlorotoluene	SW8260	2-Methylnaphthalene	SW8270
				4-Chloroaniline	SW8270			2-Hexanone	SW8260	2-Methylphenol	SW8270
				4-Chlorophenyl phenyl ether	SW8270			4-Chlorotoluene	SW8260	2-Nitroaniline	SW8270
				4-Methylphenol	SW8270			4-Methyl-2-pentanone	SW8260	2-Nitrophenol	SW8270
				4-Nitroaniline	SW8270			1,1-Dichloroethane	SW8260	3-Nitroaniline	SW8270
				4-Nitrophenol	SW8270			1,1-Dichloroethene	SW8260	4-Bromophenyl phenyl ether	SW8270
				1,2-Dichlorobenzene	SW8270			1,1-Dichloropropene	SW8260	4-Chloro-3-methylphenol	SW8270
				1,3-Dichlorobenzene	SW8270			1,2-Dibromo-3-chloropropane	SW8260	4-Chloroaniline	SW8270
				1,4-Dichlorobenzene	SW8270			1,2-Dibromoethane	SW8260	4-Chlorophenyl phenyl ether	SW8270
				2,4-Dichlorophenol	SW8270			1,2-Dichlorobenzene	SW8260	4-Methylphenol	SW8270
				2,4-Dimethylphenol	SW8270			1,2-Dichloroethane	SW8260	4-Nitroaniline	SW8270
				2,4-Dinitrophenol	SW8270			1,2-Dichloropropane	SW8260	4-Nitrophenol	SW8270
				2,6-Dinitrotoluene	SW8270			1,3-Dichlorobenzene	SW8260	1,2-Dichlorobenzene	SW8270
				3,3'-Dichlorobenzidine	SW8270			1,3-Dichloropropane	SW8260	1,3-Dichlorobenzene	SW8270
				4,6-Dinitro-2-methylphenol	SW8270			1,4-Dichlorobenzene	SW8260	1,4-Dichlorobenzene	SW8270
				1,1,1-Trichloroethane	SW8270			2,2-Dichloropropane	SW8260	2,4-Dichlorophenol	SW8270
				1,1,2-Trichloroethane	SW8270			1,1,1-Trichloroethane	SW8260	2,4-Dimethylphenol	SW8270
				1,2,3-Trichlorobenzene	SW8270			1,1,2-Trichloroethane	SW8260	2,4-Dinitrophenol	SW8270
				1,2,3-Trichloropropane	SW8270			1,2,3-Trichlorobenzene	SW8260	2,4-Dinitrotoluene	SW8270
				1,2,4-Trichlorobenzene	SW8270			1,2,4-Trichloropropane	SW8260	3,3'-Dichlorobenzidine	SW8270
				1,2,4-Trimethylbenzene	SW8270			1,2,4-Trimethylbenzene	SW8260	4,6-Dinitro-2-methylphenol	SW8270
				1,3,5-Trimethylbenzene	SW8270			1,3,5-Trimethylbenzene	SW8260	1,2,4-Trichlorobenzene	SW8270
				1,1,1,2-Tetrachloroethane	SW8260			1,1,1,2-Tetrachloroethane	SW8260	2,4,5-Trichlorophenol	SW8270
				1,1,2,2-Tetrachloroethane	SW8260			2,4,6-Trichlorophenol	SW8270	2,3,4,6-Tetrachlorophenol	SW8270

Table 4-1
Surface Samples - Metals

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CSM1	22	660	1.3	55	120	0.57	37	1.3	4.4	39	260
CSM1DUP	21	760	1.4	85	150	0.77	44	1.1	1.4	41	260
CSM2	13	780	0.99	9.5	53	0.41	16	0.81	0.26 B	22	100
CSM3	9.0	210	0.30 B	19	64	0.38	12	0.42 B	0.50 B	15	80
CSM4	130	1100	4.2	16	1500	2.8	43	5.5	26	39	540
CSM5	26	440	1.1	12	83	0.57	210	1.7	0.41 B	28	240
CSM6	82	2200	7.4	24	510	7.3	230	ND (<1.1)	2.5	65	590
CSM7	40	2900	5.1	25	320	0.89	77	1.9	1.1	70	420
CSM8	96	1200	2.0	13	190	7.1	35	0.86	1.0 B	29	240
CSM9	78	1600	2.3	20	170	6.0	44	1.8	1.5	45	290
CSM10	55	1500	1.5	19	240	4.3	28	1.7	1.3	37	260
CSM10DUP	48	1700	1.5 B	21	200	7.2	33	2.2	1.3	41	260
CSM11	74	1900	1.8	25	140	1.4	24	1.1 B	1.1	50	280
CSM12	9.6	170	0.23 B	17	41	0.063 B	3.1	0.90 B	0.14 B	39	110
CSM13	5.7	160	0.55	24	35	0.7	4.5	0.68	0.19 B	27	100
CSM14	4.3	120	ND (<0.54)	14	24	1.2	1.8	0.45 B	ND (<1.1)	25	74
CSM15	10	140	0.11 B	14	41	0.38	2.2	ND (<1.1)	ND (<1.1)	32	100
CSM16	29	470	0.79 B	15	110	2.2	16	0.76 B	0.77 B	32	230
CSM17	37	170	1.6	14	460	0.66	7.7	1.2	4.2	48	320
CSM18	13	170	0.22 B	16	64	0.27	2.4	ND (<1.1)	0.57 B	48	140
CSM19	120	590	4.5	40	310	0.69	71	5.8	2.8	88	710
CSM20	9.0	170	ND (<1.2)	16	50	0.089 B	2.7	0.89 B	ND (<1.2)	29	100
CSM20DUP	8.4	150	0.054 B	14	41	0.13	3	1.5	ND (<1.2)	26	92
CSM21	8.4	97	ND (<1.0)	11	39	0.10 B	3.3	0.55 B	ND (<1.0)	60	83
CSM22	9.1	150	0.14 B	20	48	0.90	3.0	1.1 B	0.17 B	35	130
CSM23	18	220	0.64 B	18	150	0.79	8.0	1.7	0.83 B	30	210
CSM24	7.4	170	ND (<1.1)	15	49	0.34	2.2	1.3	ND (<1.1)	29	120
CSM25	33	270	0.93 B	30	190	66	32	5.1	1.2	230	210
CSM26	33	170	1.4	21	320	8.7	43	4.9	1.5	150	360
CSM27	43	220	3.4	20	470	37	70	4.9	3.1	89	620
CSM28	29	220	1.6	18	290	20	33	2.5	1.9	61	380
CSM29	8.1	130	0.41 B	15	73	5.2	11	0.97 B	0.34 B	34	210
CSM30	23	260	1.5	28	210	400	36	2.7	1.6	110	260
CSM30DUP	23	240	1.2	30	210	36	38	3.2	2.4	130	250
CSM31	51	280	3.3	19	420	3.7	43	2.8	3.7	68	750
CSM32	33	170	1.9	16	310	23	23	2.1	1.9	49	500
CSM33	16	140	0.81 B	14	140	6.9	19	1.1	0.70 B	44	250
CSM34	7.6	130	0.59 B	16	66	1.3	3.9	1.5	0.20 B	38	210
CSM35	45	190	3.4	18	320	4.4	22	2.0	2.1	55	580
CSM36	8.2	99	0.47 B	17	63	0.57	5.3	0.93 B	ND (<1.0)	32	220
CSM37	8.3	73	ND (<0.58)	15	48	0.17	3.8	0.80	0.56 B	26	92
CSM38	7.7	99	ND (<0.54)	14	43	0.31	6.5	0.92	ND (<1.1)	26	91

**Table 4-1
Surface Samples - Metals**

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CSM39	17	220	3.7	17	720	0.57	7.0	1.7	1.4	41	780
CSM40	24	160	1.4	16	340	0.68	25	5.8	1.2	47	310
CSM40DUP	16	140	1.2	14	250	0.70	11	3.3	0.78 B	38	360
CSM41	130	190	3.7	43	200	1.2	430	0.83 B	1.3	97	550
CSM42	35	140	4.2	37	310	0.54	320	4.9	3.7	170	240
CSM43	38	410	2.9	28	150	0.43	42	3.6	1.3	110	290
CSM44	20	240	0.48 B	18	79	0.26	6.2	1.2	0.17 B	40	130
CSM45	6.4	160	0.39 B	6.0	57	0.24	2.3	0.76	0.48 B	17	98
CSM46	17	350	0.76 B	14	150	0.37	5.9	2.9	0.68 B	40	210
CSM47	21	280	0.52 B	14	190	0.53	20	3.6	1.4	49	180
CSM48	21	150	1.0	12	77	0.13	6.5	0.99	0.31 B	38	160
CSM49	120	610	7.7	26	250	1.4	66	2.6	2.1	52	1400
CSM50	7.9	170	ND (<0.60)	13	36	0.57	5.0	0.70	ND (<1.2)	25	81
CSM50DUP	7.7	180	0.15 B	21	27	0.49	8.1	0.76	ND (<1.1)	16	80
CSM51	50	170	ND (<2.8)	19	1200	0.64	14	5.5	1.1	45	180
CSM52	13	150	0.55 B	14	170	0.33	4.1	1.1 B	0.75 B	29	230
CSM53	66	180	7.6	14	1300	0.51	8.5	4.4	11	65	1500
CSM54	84	210	1.4	17	410	2.7	27	1.5	5.6	37	380
CSM55	64	230	1.9	17	190	3.0	17	1.5	1.8	36	370
CSM56	23	240	4.8	12	490	2.1	19	2.2	3.4	36	970
CSM57	10	130	1.0	13	120	0.76	8.0	0.95	0.60 B	31	230
CSM58	14	290	1.7	10	210	1.2	8.3	1.7	1.1	17	430
CSM59	4.9	120	ND (<1.0)	17	79	0.040 B	2.3	0.69 B	ND (<1.0)	30	110
CSM60	6.0	160	0.51 B	14	960	0.18	2.3	0.87	0.46 B	29	140
CSM60DUP	5.4	170	0.58	13	61	0.20	2.7	0.83	0.21 B	28	150
CSM61	15	190	0.62 B	15	98	1.3	10	1.4	0.47 B	49	220
CSM62	8.8	150	0.17 B	15	58	0.089 B	1.8	1.3	0.14 B	30	80
CSM63	6.0	110	ND (<1.1)	14	17	0.052 B	1.8	ND (<1.1)	ND (<1.1)	28	68
CSM64	13	150	11	14	200	0.60	3.0	1.3	0.61 B	28	550
CSM65	22	350	1.5	26	150	2.5	28	1.8	0.70 B	45	300
CSM66	43	360	2.9	67	240	1.6	27	1.7	1.1	83	420
CSM67	48	220	30	29	470	6.7	100	4.2	4.4	68	4400
CSM68	13	180	0.74 B	17	110	1.6	10	1.1	0.73 B	40	210
CSM69	12	120	1.0	16	130	0.63	13	0.86	0.73 B	28	240
CSM70	12	130	1.6	13	180	0.87	31	0.92	1.1	31	280
CSM70DUP	12	120	1.6	14	180	1.1	18	0.93	1.0 B	31	280
CSM71	30	130	1.5	16	120	4.1	70	1.1	0.82 B	41	350
CSM72	10	120	0.32 B	14	48	0.23	4.0	1.0	0.25 B	34	140
CSM73	3.5	110	ND (<1.1)	17	19	0.089 B	1.6	0.66 B	ND (<1.1)	28	64
CSM74	7.2	110	0.03 B	14	36	0.13	1.8	1.2	0.37 B	25	81
CSM75	6.7	180	ND (<0.62)	14	23	0.027 B	2.0	0.94	ND (<1.2)	25	83
CSM76	8.2	130	0.03 B	13	33	0.15	2.2	1.2	ND (<1.2)	24	87

**Table 4-1
Surface Samples - Metals**

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CSM77	66	290	13	18	1600	3.5	48	2.2	9.1	39	2700
CSM78	8.2	120	ND (<0.57)	12	14	0.030 B	1.3	0.72	ND (<1.1)	22	55
CSM79	110	340	7.8	17	530	1.4	49	2.6	5.1	33	1400
CSM80	87	170	3.1	14	140	0.22	8.3	0.57 B	0.64 B	29	410
CSM80DUP	100	150	2.8	13	140	0.28	6.8	0.77	0.71 B	26	410
CSM81	9.5	160	0.40 B	9.4	24	0.19	1.7	0.43 B	ND (<1.1)	20	110
CSM82	230	580	44	19	3000	26	60	3.5	18	33	5700
CSM83	87	270	29	19	4200	13	75	3.5	14	44	3900
CSM84	100	320	51	13	4500	19	30	4.2	13	41	4600
CSM85	10	150	0.15 B	14	41	0.3	1.8	1.0	0.06 B	27	100
CSM86	59	220	1.8	13	96	0.41	7.5	0.99	0.40 B	28	280
CSM87	31	270	0.84 B	79	150	6.1	10	1.9	0.68 B	43	280
CSM88	7.1	170	ND (<1.2)	18	33	0.21	2.0	1.1 B	ND (<1.2)	31	110
CSM89	19	170	3.5	15	310	0.33	3.0	1.7	1.8	43	780
CSM90	9.0	110	1.3	11	180	0.41	6.8	0.52 B	0.87 B	26	320
CSM90DUP	8.9	120	1.7	11	230	0.57	8.7	0.95	1.1	29	430
CSM91	21	180	5.4	8.8	530	0.55	20	0.93 B	2.3	28	1400
CSM92	67	390	14	10	2500	5.3	46	9.9	12	46	3200
CSM93	3.4	150	ND (<1.1)	21	36	0.13	4.4	1.3	ND (<1.1)	47	130
CSM94	8.4	100	ND (<1.2)	13	20	0.098 B	2.3	ND (<1.2)	ND (<1.2)	28	82
CSM95	24	170	3.1	16	340	2.5	30	1.1	2	47	670
CSM96	140	120	16	10	970	1.7	20	2.0	11	35	2500
CSM97	330	210	2.0	10	3700	77	57	6.2	33	120	650
CSM98	90	160	15	21	1600	5.7	55	3.8	58	36	2900
CSM99	15	150	2.4	12	980	1.3	16	1.2	2.5	37	670
CSM100	22	240	2.3	12	320	0.59	24	1.9	2.4	350	450
CSM100DUP	15	170	1.5	18	240	0.35	19	1.1	2.3	120	360
CSM101	35	160	4.9	25	780	1.2	42	2.1	3.2	39	1500
CSM102	39	250	2.5	17	480	4.3	29	2.1	4.9	41	660
CSM103	22	170	11	12	480	0.94	12	1.5	2.5	28	3000
CSM104	30	150	3.0	16	320	2.1	8	1.4	1.5	44	760
CSM105	47	360	27	10	410	0.54	31	1.6	1.4	44	4900
CSM106	14	110	ND (<2.7)	8.0	360	2.9	10	7.2	1.3	43	450
CSM107	31	160	6.9	7.7	1800	2.4	19	7.8	6.7	49	3300
CSM108	6.8	870	8.4	12	150	0.19	17	3.4	0.16 B	52	1500
CSM109	50	190	7.4	21	820	2.4	31	1.9	4.7	50	1800
CSM110	13	200	1.7	41	200	1.1	12	1.4	3.4	27	420
CSM110DUP	17	160	1.2	18	160	0.65	14	0.85	3.6	23	360
CSM111	14	270	1.7	15	250	0.69	8.6	1.1 B	1.5	29	530
CSM112	8.9	130	0.65 B	13	91	0.090 B	9.0	0.86 B	1.7	25	260
CSM113	25	250	6.0	14	14000	1.8	13	1.2 B	3.6	29	1400
CSM114	140	300	15	11	2400	5.3	24	3.3	12	26	3300

**Table 4-1
Surface Samples - Metals**

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CSM115	35	360	8.4	15	1200	4.1	38	4.9	9.0	50	2800
CSM116	29	450	8.5	13	1000	7.9	28	3.1	6.4	42	1700
CSM117	40	330	13	13	1800	4.8	29	3.0	6.6	40	2800
CSM118	10	150	0.64	10	100	2.2	6.7	1.0	0.51 B	20	370
CSM119	7.4	210	1.2	24	51	0.31	5.6	1.1	0.29 B	30	230
CSM120	4.4	150	ND (<1.1)	11	13	0.047 B	1.7	0.89 B	ND (<1.1)	18	90
CSM120DUP	4.3	160	ND (<1.1)	11	15	0.051 B	1.4	ND (<1.1)	ND (<1.1)	20	73
CSM121	19	180	2	11	280	0.49	16	0.80 B	8.7	34	480
CSM122	8.4	210	0.81	12	78	1.3	4.3	0.83 B	1.2	29	800
CSM123	5.4	140	0.48 B	11	86	2.8	5	0.75	0.85 B	20	280
CSM124	4.6	140	0.27 B	11	67	2.6	6.6	0.73	0.20 B	24	200
CSM125	69	690	16	17	1400	3.6	16	4.7	11	67	7100
CSM126	9.7	440	0.18 B	15	90	3.2	11	0.79 B	0.21 B	29	190
CSM127	8.9	120	0.12 B	17	110	0.79	25	0.79	ND (<1.1)	64	180
CSM128	6.5	120	0.16 B	14	75	0.61	11	0.46 B	0.44 B	45	150
CSM129	3.5	110	ND (<0.52)	9.5	14	0.81	0.89 B	0.47 B	ND (<1.0)	21	49
CSM130	7.6	730	ND (<0.56)	10	25	0.11	1.8	0.58	ND (<1.1)	21	87
CSM130DUP	5.9	720	ND (<0.59)	12	24	0.074 B	1.7	0.79	ND (<1.2)	25	74
CSM131	9.5	300	0.76 B	14	58	1.8	4.0	1.0 B	3.7	30	220
CSM132	7.0	180	1.5	13	140	1.7	17	0.65 B	0.38 B	26	650
CSM133	7.5	120	1.7	12	45	0.39	2.9	0.52 B	0.25 B	22	270
CSM134	17	480	0.40 B	26	370	1.2	72	1.9	2.1	56	120
CSM135	11	280	0.80 B	18	280	23	92	0.62 B	0.60 B	54	520
CSM136	19	120	0.80 B	26	82	11	980	ND (<1.0)	ND (<1.0)	33	440
CSM137	5.5	110	0.30 B	25	54	3.0	24	0.49 B	0.41 B	41	120
CSM138	5.8	200	0.065 B	17	31	0.51	20	ND (<1.1)	ND (<1.1)	55	110
CSM139	18	470	ND (<1.1)	15	220	3.7	230	4.5	2.7	43	77
CSM140	16	590	0.086 B	18	97	0.45	99	1.5	0.98 B	79	130
CSM140DUP	20	590	0.075 B	16	100	0.37	150	1.9	1.6	76	120
CSM141	4.8	81	0.28 B	9.8	40	4.1	2	0.43 B	0.27 B	18	110
CSM142	18	260	0.080 B	15	140	0.11	81	1.4	0.71 B	72	120
CSM143	28	540	0.74 B	13	250	0.33	160	1.9	1.3	85	230
CSM144	23	1700	0.20 B	23	95	0.79 B	57	1.7	1.1	89	110
CSM145	2.7	95	ND (<1.1)	9.6	9.2	0.044 B	1.9	0.55 B	ND (<1.1)	59	110
CSM146	1.8	78	ND (<1.1)	8	6.4	0.015	2.0	1.0 B	ND (<1.1)	46	80
CSM147	16	570	0.80 B	15	160	0.22	150	2.3	1.8	50	260
CSM148	5.8	160	0.091 B	9.8	41	0.11	9.2	0.68	0.065 B	29	110
CSM149	12	530	0.39 B	12	79	0.30	58	1.5	0.47 B	35	210
CSM150	2.7	130	ND (<1.1)	10	12	0.037 B	3.6	0.77 B	ND (<1.1)	52	91
CSM150DUP	2.6	130	ND (<1.1)	8.1	15	0.032 B	2.5	0.57 B	ND (<1.1)	34	78
CSM151	3.4	150	ND (<1.1)	8.7	23	0.029 B	3.7	0.98 B	0.41 B	45	86
CSM152	30	410	0.33 B	13	180	1.5	170	1.6	3.3	36	170

**Table 4-1
Surface Samples - Metals**

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CSM153	13	240	0.16 B	7.6	95	0.22	80	1.4	0.60 B	35	120
CSM154	20	240	ND (<1.1)	16	110	0.13	47	1.5	0.61 B	110	120
CSM155	6.5	110	0.84	11	57	0.79	7.5	0.57	0.54 B	26	250
CSM156	19	630	1.8	21	140	3.5	18	1.8	1.0 B	39	610
CSM157	26	1900	1.6	26	260	2.0	34	11	2.4	49	500
CSM158	5.9	48	0.30 B	16	46	4.7	5.0	0.49 B	0.60 B	16	330
CSM159	9.6	150	0.75	15	83	4.5	10	0.98	3.3	23	570
CSM160	7.4	210	1.4	12	88	1.7	8.9	1.1	0.70 B	22	400
CSM161	6.1	81	1.5	16	50	2.2	8.7	0.80	0.30 B	21	390
CSM162	15	220	0.046 B	12	38	0.38	6.9	1.0	0.062 B	28	80
CSM163	24	890	0.66 B	19	300	1.8	26	1.5	3.7	67	230
CSM164(EAST)	62	480	2.6	25	190	13	46	2.0	6.5	140	650
CSM165(WEST)	19	200	1.9	49	220	4.2	27	1.0 B	1.5	31	780
CSMBL1	1.6	15	ND (<0.51)	11	4.1	0.0067 B	0.84 B	ND (<0.51)	ND (<1.0)	18	15
CSMBL2	2.5	14	ND (<1.0)	8.0	4.2	0.0082 B	1.5	ND (<1.0)	ND (<1.0)	16	18
CSMBKG1	7.4	150	0.29 B	14	45	0.098 B	2.5	0.91	ND (<1.1)	31	84
CSMBKG2	7.8	160	0.23 B	16	39	0.17	2.9	1.1	ND (<1.1)	33	90
CSMBKG3	9.3	170	1.8	14	120	0.23	4.4	0.97	ND (<1.1)	30	330
CSMBKG4	28	240	4.5	16	400	1.9	21	1.0 B	0.99 B	30	720

Notes: All data units in milligrams per kilograms; ND, not detected; B, compound identified but at less than practical reporting limit, qualitative value.

Table 4-2
Surface Samples - Alpha Spectroscopy

Sample ID	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
CSM1	1.8	2.7	1.7	1.9	0.074 LT	1.9
CSM1DUP	1.7	2.3	1.8	1.8	0.11	1.9
CSM2	2.4	3.2	2.5	2.5	0.11	2.7
CSM3	1.1	11	1.0	2.0	0.086 LT	1.8
CSM4	1.2	7.5	1.0	4.2	0.23	4.5
CSM5	2.3	3.9	2.2	4.7	0.24	5.0
CSM6	1.5	9.3	1.4	5.8	0.37	5.4
CSM7	1.5	5.5	1.5	3.5	0.20	3.9
CSM8	0.96	4.6	0.76	3.3	0.19	3.3
CSM9	2.1	6.7	1.8	4.9	0.24	4.9
CSM10	1.9	12	1.7	3.7	0.19	3.8
CSM10DUP	1.6	11	1.2	3.3	0.13	3.1
CSM11	2.0	4.1	1.9	3.3	0.20	3.2
CSM12	2.0	1.8	1.9	1.2	0.068 LT	1.4
CSM13	3.4	2.3	3.3	1.5	0.067 LT	1.6
CSM14	3.2	1.6	3.0	1.9	0.083 LT	1.8
CSM15	1.6	1.5	1.5	1.2	0.068 LT	1.1
CSM16	2.3	3.1	2.0	2.3	0.13	2.3
CSM17	2.1	7.5	2.0	6.2	0.32	5.9
CSM18	2.1	3.1	2.0	2.8	0.15	2.7
CSM19	2.0	8.6	1.9	8.2	0.45	8.6
CSM20	1.5	1.9	1.3	3.9	0.19	4.1
CSM20DUP	1.7	3.7	1.5	3.3	0.23	3.8
CSM21	4.0	2.8	3.7	2.6	0.13	2.7
CSM22	2.2	2.0	1.8	1.2	0.12	1.2
CSM23	1.8	1.6	1.6	1.8	0.094 LT	1.8
CSM24	1.8	1.5	1.5	1.2	0.049 LT	1.3
CSM25	2.0	37	2.3	24	1.2	24
CSM26	5.6	44	5.3	29	1.8	32
CSM27	109	27	110	17	0.74	17
CSM28	5.5	18	4.8	13	0.69	13
CSM29	2.7	3.7	2.8	5.8	0.29	6.2
CSM30	2.8	21	2.5	16	1.1	16
CSM30DUP	2.8	20	2.0	16	0.79	16
CSM31	2.7	53	2.8	48	2.8	47
CSM32	8.9	8.8	9.3	6.6	0.34	7.1
CSM33	2.6	13	2.6	14	0.75	14
CSM34	3.2	2.4	2.9	2.6	0.20	2.6
CSM35	3.0	31	2.9	21	1.2	21
CSM36	2.4	2.9	2.4	2.3	0.10	2.2
CSM37	2.4	1.3	2.2	1.4	0.079 LT	1.3
CSM38	2.7	2.3	2.3	2.3	0.12	2.5
CSM39	2.0	18	2.0	29	1.6	29
CSM40	4.8	51	3.3	40	2.4	39
CSM40DUP	3.5	42	2.7	38	2.2	36
CSM41	8.5	16	6.8	13	0.87	13
CSM42	6.2	22	5.7	23	1.2	24
CSM43	3.5	9.2	3.2	7.4	0.41	7.4
CSM44	2.1	4.9	2.1	4.9	0.25	5.1
CSM45	1.3	1.9	1.2	1.8	0.084 LT	2.0
CSM46	1.4	5.9	1.2	5.9	0.28	5.8
CSM47	2.0	22	2.1	21	1.3	22
CSM48	2.9	4.5	2.7	11	0.60	11
CSM49	1.7	6.6	1.6	4.4	0.20	4.3
CSM50	1.5	1.7	1.6	1.2	0.091 LT	1.1
CSM50DUP	2.3	2.2	2.1	1.5	0.097 LT	1.5
CSM51	1.6	22	1.8	44	2.8	44
CSM52	1.6	2.9	1.6	2.5	0.13	2.4
CSM53	1.6	13	1.5	6.4	0.30	6.7
CSM54	3.3	91	3.2	22	1.3	20
CSM55	2.4	57.8	2.4	14	0.78	13
CSM56	1.8	4.1	1.7	3.6	0.15	3.6
CSM57	3.0	3.8	2.6	1.7	0.10	1.8
CSM58	1.2	2.6	1.1	2.9	0.17	3.0

Table 4-2
Surface Samples - Alpha Spectroscopy

Sample ID	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
CSM59	3.4	1.8	3.1	2.5	0.11	2.6
CSM60	2.3	2.0	2.3	1.2	0.11	1.1
CSM60DUP	2.3	1.9	2.0	1.3	0.11	1.2
CSM61	2.1	5.4	2.0	2.9	0.17	2.7
CSM62	1.6	4.0	1.8	1.5	0.053 LT	1.6
CSM63	1.6	1.0	1.5	0.83	0.029 LT	0.89
CSM64	1.5	10	1.5	18	0.90	18
CSM65	1.8	5.3	1.6	3.1	0.15	3.3
CSM66	2.4	11	2.2	7.0	0.46	7.7
CSM67	2.6	10	2.3	7.4	0.41	7.5
CSM68	2.8	8.1	2.7	4.9	0.28	5.3
CSM69	2.5	7.0	2.2	3.4	0.18	3.3
CSM70	2.8	3.6	2.7	2.6	0.16	2.5
CSM70DUP	3.1	3.5	2.8	2.3	0.17	2.4
CSM71	4.2	6.1	3.9	4.4	0.22	4.2
CSM72	1.7	2.0	1.4	1.9	0.080 LT	1.9
CSM73	2.4	1.4	3.0	1.2	0.086 LT	1.3
CSM74	1.5	1.3	1.4	1.1	0.068 LT	1.1
CSM75	1.2	1.2	1.2	0.89	0.054 LT	0.98
CSM76	1.4	1.2	1.4	1.1	0.10 LT	1.1
CSM77	2.2	6.9	2.0	4.9	0.33	4.9
CSM78	1.0	0.99	1.1	0.65	0.061 LT	0.83
CSM79	1.4	2.0	1.6	2.0	0.10	2.2
CSM80	1.8	1.9	1.7	1.6	0.079 LT	1.8
CSM80DUP	2.2	2.1	1.8	1.7	0.11	1.7
CSM81	3.3	1.4	2.8	1.4	0.078 LT	1.1
CSM82	2.6	110	2.5	85	4.9	88
CSM83	1.9	5.9	1.9	5.7	0.29	5.8
CSM84	1.5	5.4	1.4	7.5	0.37	7.5
CSM85	1.5	1.5	1.4	2.0	0.13	2.1
CSM86	2.0	1.8	1.7	1.8	0.068 LT	1.7
CSM87	1.4	1.8	1.2	1.5	0.083 LT	1.6
CSM88	1.5	1.2	1.3	0.89	ND (<0.040)	1.1
CSM89	1.4	8.6	1.4	11	0.66	12
CSM90	3.0	3.8	2.6	3.2	0.14	3.3
CSM90DUP	3.0	3.7	2.8	3.4	0.19	3.3
CSM91	2.4	3.3	2.4	2.7	0.17	2.9
CSM92	1.2	5.2	1.0	4.4	0.29	4.8
CSM93	1.2	1.3	1.1	0.83	0.051 LT	0.91
CSM94	1.5	1.1	1.3	0.90	0.072 LT	0.95
CSM95	1.5	3.1	1.4	2.3	0.15	2.3
CSM96	1.5	24	1.4	19	1.1	19
CSM97	2.2	270	2.0	72	3.4	71
CSM98	1.7	18	1.3	8.5	0.47	8.4
CSM99	2.7	3.5	2.1	2.3	0.11	2.3
CSM100	2.7	22	2.7	20	1.3	20
CSM100DUP	3.8	8.1	3.5	8.1	0.56	8.3
CSM101	1.8	6.1	1.5	4.0	0.23	4.1
CSM102	1.4	6.1	1.3	6.3	0.27	6.4
CSM103	1.6	4.2	1.5	10	0.51	10
CSM104	1.2	2.7	1.1	2.3	0.084 LT	2.4
CSM105	2.0	5.6	1.7	6.7	0.37	6.9
CSM106	1.4	2.5	1.3	1.6	ND (<0.048)	1.7
CSM107	0.94	7.1	0.96	7.2	0.39	6.7
CSM108	1.3	3.5	1.5	5.0	0.27	5.1
CSM109	2.0	7.3	1.8	4.2	0.25	4.5
CSM110	3.1	2.2	2.4	1.5	0.069 LT	1.6
CSM110DUP	2.3	1.9	2.1	1.4	0.051 LT	1.5
CSM111	1.4	1.9	1.3	1.2	0.064 LT	1.3
CSM112	1.5	2.1	1.4	1.0	0.097 LT	1.1
CSM113	1.6	2.8	1.4	1.9	0.12	2.0
CSM114	1.7	12	1.8	7.7	0.42	8.5
CSM115	1.6	5.0	1.3	3.5	0.17	3.8
CSM116	1.5	4.4	1.1	3.8	0.18	3.9

Table 4-2
Surface Samples - Alpha Spectroscopy

Sample ID	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
CSM117	1.3	8.3	1.2	5.3	0.26	5.6
CSM118	2.0	3.5	1.8	1.9	0.11	2.1
CSM119	1.1	2.5	1.0	2.3	0.095 LT	2.4
CSM120	1.4	1.3	1.2	0.99	0.051 LT	0.88
CSM120DUP	1.3	1.2	1.1	0.97	0.044 LT	1.0
CSM121	1.5	6.7	1.4	5.0	0.27	4.7
CSM122	1.5	1.8	1.3	1.3	0.047 LT	1.4
CSM123	2.7	1.9	2.6	1.5	0.059 LT	1.5
CSM124	2.8	1.7	2.2	1.8	0.072 LT	1.5
CSM125	1.7	9.8	1.5	6.2	0.31	6.3
CSM126	2.0	2.9	1.8	1.9	0.095 LT	1.7
CSM127	2.8	3.0	2.3	2.6	0.10	2.7
CSM128	1.7	2.3	1.5	1.5	0.057 LT	1.6
CSM129	1.6	0.75	1.5	0.69	0.049 LT	0.75
CSM130	1.7	1.3	1.5	1.0	0.051 LT	0.95
CSM130DUP	2.1	1.3	1.7	0.97	0.079 LT	0.98
CSM131	1.8	1.7	1.6	1.6	0.081 LT	1.3
CSM132	6.4	1.9	6.1	1.2	0.060 LT	1.1
CSM133	1.6	1.3	1.4	0.88	0.034 LT	0.97
CSM134	1.9	2.3	1.6	1.4	0.077 LT	1.5
CSM135	3.4	3.4	2.7	2.2	0.087 LT	2.0
CSM136	3.2	7.4	2.4	7.1	0.33	7.2
CSM137	2.1	3.2	2.3	1.7	0.10	1.5
CSM138	2.0	1.9	1.8	1.5	0.086 LT	1.4
CSM139	1.1	1.5	1.0	0.80	0.047 LT	0.73
CSM140	1.6	1.9	1.3	1.3	0.12	1.4
CSM140DUP	1.8	2.0	1.6	1.4	0.11	1.4
CSM141	2.5	1.4	2.2	1.1	0.055 LT	1.0
CSM142	1.7	1.5	1.6	1.2	0.078 LT	1.3
CSM143	1.5	1.5	1.3	1.7	0.088 LT	1.6
CSM144	1.6	1.7	1.5	1.0	0.056 LT	1.1
CSM145	1.6	1.3	1.5	0.58	0.031 LT	0.68
CSM146	1.2 Y2	0.88 Y2	1.0 Y2	0.63	0.051 LT	0.70
CSM147	1.9	2.4	1.4	1.4	0.069 LT	1.5
CSM148	1.9	1.5	1.9	1.2	0.045 LT	1.0
CSM149	1.7	2.6	1.4	1.5	0.11	1.6
CSM150	1.3	1.0	1.2	0.67	0.081 LT	0.68
CSM150DUP	1.2	0.98	0.95	0.64	ND (<0.032)	0.73
CSM151	1.1	1.1	1.0	0.60	0.058 LT	0.63
CSM152	2.9	3.8	1.9	1.6	0.14	1.6
CSM153	2.1	1.2	1.8	0.83	0.051 LT	0.96
CSM154	1.9 Y2	1.4 Y2	1.7 Y2	0.97	0.044 LT	0.84
CSM155	1.9	2.1	1.6	1.3	0.062 LT	1.3
CSM156	2.6 Y2	7.0 Y2	2.1 Y2	2.0	0.11	2.1
CSM157	2.3 Y2	2.8 Y2	1.5 Y2	2.5	0.16	2.3
CSM158	1.7	2.9	1.4	1.6	0.088 LT	1.4
CSM159	1.7	4.4	1.4	1.5	0.071 LT	1.5
CSM160	2.3	2.4	2.1	1.6	0.067 LT	1.7
CSM161	2.7	2.5	2.4	1.9	0.11	2.0
CSM162	1.3	1.3	1.2	0.86	0.059 LT	0.98
CSM163	1.2	1.7	1.1	1.2	0.053 LT	1.2
CSM164(EAST)	1.7 Y2	18 Y2	1.4 Y2	13	0.64	13
CSM165(WEST)	1.2	3.3	1.1	2.1	0.11	2.3
CSMBL1	1.7	0.94	1.3	0.94	0.061 LT	0.84
CSMBL2	2.6	1.0	2.6	0.98	0.081 LT	0.86
CSMBKG1	1.6	1.4	1.6	1.5	0.060 LT	1.2
CSMBKG2	2.3	1.6	2.2	1.6	0.066 LT	1.5
CSMBKG3	1.9	1.5	1.8	1.8	0.069 LT	1.7
CSMBKG4	2.0 Y2	2.8 Y2	1.4 Y2	1.7	0.092 LT	1.8

Notes: All data units in picocuries per gram; ND, not detected; LT, less than requested minimum detection limit, greater than sample specific minimum detection limit; Y2, chemical yield outside default limits.

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56	Co-57
CSM1	ND (<0.071)	ND (<0.069)	ND (<0.43)	ND (<0.87)	2.2	1.7	5.9 SI	ND (<0.069)	ND (<0.42)	ND (<0.30)	ND (<0.054)
CSM1DUP	ND (<0.076)	ND (<0.071)	ND (<0.30)	ND (<0.81)	1.6	2.1	4.3 SI	ND (<0.048)	ND (<0.31)	0.28 TI	ND (<0.034)
CSM2	ND (<0.10)	ND (<0.10)	ND (<0.36)	ND (<1.2)	3.5	3.4	6.2 SI	ND (<0.075)	ND (<0.48)	0.45 TI	ND (<0.066)
CSM3	ND (<0.086)	ND (<0.053)	0.42 TI	ND (<1.3)	2.0	13	19 SI	ND (<0.068)	ND (<0.41)	1.8 TI	ND (<0.053)
CSM4	ND (<0.068)	ND (<0.052)	ND (<0.58)	ND (<1.3)	1.2	6.0	8.1 SI	ND (<0.059)	ND (<0.43)	0.96 TI	ND (<0.051)
CSM5	ND (<0.055)	ND (<0.046)	ND (<0.45)	ND (<0.68)	3.1	3.6	7.4 SI	ND (<0.047)	ND (<0.35)	0.44 TI	ND (<0.039)
CSM6	ND (<0.096)	ND (<0.095)	ND (<0.82)	ND (<1.3)	1.3	5.9	8.3 SI	ND (<0.089)	ND (<0.58)	0.96 TI	ND (<0.072)
CSM7	ND (<0.087)	ND (<0.081)	0.43	ND (<1.1)	2.1	5.0	ND (<2.1)	ND (<0.071)	ND (<0.42)	1.2 TI	ND (<0.056)
CSM8	ND (<0.046)	ND (<0.042)	ND (<0.27)	ND (<0.61)	0.84	3.7	5.4 SI	ND (<0.062)	ND (<0.28)	0.58 TI	ND (<0.035)
CSM9	ND (<0.069)	ND (<0.057)	ND (<0.54)	ND (<0.82)	2.3	7.3	9.3 SI	ND (<0.059)	ND (<0.40)	0.90 TI	ND (<0.049)
CSM10	ND (<0.063)	ND (<0.045)	ND (<0.39)	ND (<0.80)	1.9	5.6	7.9 SI	ND (<0.091)	ND (<0.33)	0.87 TI	ND (<0.043)
CSM10DUP	ND (<0.062)	ND (<0.067)	ND (<0.46)	ND (<0.70)	1.1	4.5	6.6 SI	ND (<0.053)	ND (<0.34)	0.73 TI	ND (<0.044)
CSM11	ND (<0.077)	ND (<0.074)	ND (<0.13)	ND (<0.87)	2.6	3.5	6.8 SI	ND (<0.058)	ND (<0.37)	0.48 TI	ND (<0.040)
CSM12	ND (<0.050)	ND (<0.046)	0.20 TI	ND (<0.58)	1.7	1.3	3.4 SI	ND (<0.039)	ND (<0.25)	0.25 TI	ND (<0.035)
CSM13	ND (<0.085)	ND (<0.095)	ND (<0.14)	ND (<0.99)	4.3	2.2	8.9 SI	ND (<0.061)	ND (<0.38)	0.28 TI	ND (<0.026)
CSM14	ND (<0.074)	ND (<0.082)	ND (<0.14)	ND (<0.92)	3.1	1.5	7.4 SI	ND (<0.060)	ND (<0.38)	0.18 TI	ND (<0.047)
CSM15	ND (<0.067)	ND (<0.068)	ND (<0.10)	ND (<0.75)	1.9	1.7	5.0 SI	ND (<0.044)	ND (<0.27)	ND (<0.14)	ND (<0.033)
CSM16	ND (<0.078)	ND (<0.070)	ND (<0.49)	ND (<0.97)	3.1	3.0	7.3 SI	ND (<0.068)	ND (<0.39)	0.39 TI	ND (<0.051)
CSM17	ND (<0.084)	ND (<0.079)	ND (<0.65)	ND (<0.95)	1.8	5.4	8.9 SI	ND (<0.075)	ND (<0.47)	0.71 TI	ND (<0.063)
CSM18	ND (<0.068)	ND (<0.066)	ND (<0.12)	ND (<0.80)	1.9	2.0	2.5 SI	ND (<0.052)	ND (<0.31)	0.24 TI	ND (<0.040)
CSM19	ND (<0.063)	ND (<0.059)	0.54 TI	ND (<1.4)	1.6	8.9	10 SI	ND (<0.12)	ND (<0.39)	1.2 TI	ND (<0.051)
CSM20	ND (<0.061)	ND (<0.058)	ND (<0.36)	ND (<0.82)	1.2	2.4	5.6 SI	ND (<0.083)	ND (<0.44)	0.25 TI	ND (<0.057)
CSM20DUP	ND (<0.056)	ND (<0.051)	ND (<0.34)	ND (<0.73)	1.8	4.0	10 SI	ND (<0.055)	ND (<0.32)	0.61 TI	ND (<0.053)
CSM21	ND (<0.071)	ND (<0.069)	ND (<0.32)	ND (<0.81)	3.6	1.6	7.4 SI	ND (<0.049)	ND (<0.46)	ND (<0.19)	ND (<0.037)
CSM22	ND (<0.062)	ND (<0.048)	ND (<0.45)	ND (<0.74)	2.1	1.5	6.7 SI	ND (<0.047)	ND (<0.72)	0.20 TI	ND (<0.039)
CSM23	ND (<0.075)	ND (<0.067)	ND (<0.14)	ND (<0.76)	1.9	2.0	3.7 SI	ND (<0.047)	ND (<0.38)	ND (<0.21)	ND (<0.035)
CSM24	ND (<0.057)	ND (<0.057)	ND (<0.21)	ND (<0.69)	1.6	1.3	4.3 SI	ND (<0.045)	ND (<0.33)	ND (<0.16)	ND (<0.040)
CSM25	ND (<0.120)	ND (<0.13)	0.69 TI	ND (<2.3)	2.1	29	9.5 SI	ND (<0.10)	ND (<0.25)	ND (<0.81)	ND (<0.068)
CSM26	ND (<0.130)	ND (<0.10)	ND (<0.30)	ND (<2.4)	4.1	42	17 SI	ND (<0.13)	ND (<0.26)	ND (<1.20)	ND (<0.10)
CSM27	ND (<0.090)	ND (<0.089)	ND (<0.19)	ND (<1.1)	2.5	21	26 SI	ND (<0.079)	ND (<0.32)	ND (<0.75)	ND (<0.060)
CSM28	ND (<0.068)	ND (<0.059)	0.61	ND (<1.2)	6.0	13	23 SI	ND (<0.067)	ND (<0.60)	1.9 TI	ND (<0.057)
CSM29	ND (<0.058)	ND (<0.050)	ND (<0.48)	ND (<0.72)	3.6	3.6	9.7 SI	ND (<0.048)	ND (<0.35)	0.54 TI	ND (<0.041)
CSM30	ND (<0.061)	ND (<0.053)	0.47 TI	ND (<1.4)	2.5	16	23 SI	ND (<0.11)	ND (<0.31)	2.5 TI	ND (<0.063)
CSM30DUP	ND (<0.10)	ND (<0.10)	ND (<0.82)	ND (<1.3)	3.2	13	19 SI	ND (<0.095)	ND (<0.31)	ND (<0.66)	ND (<0.079)
CSM31	ND (<0.11)	ND (<0.078)	ND (<1.10)	ND (<1.5)	2.1	39	16 SI	ND (<0.19)	ND (<0.29)	1.3 TI	ND (<0.094)
CSM32	ND (<0.068)	ND (<0.063)	ND (<0.47)	ND (<0.97)	3.4	4.6	10 SI	ND (<0.069)	ND (<0.28)	0.44 TI	ND (<0.049)
CSM33	ND (<0.061)	ND (<0.054)	0.14 TI	ND (<0.79)	2.7	4.8	ND (<1.7)	ND (<0.080)	ND (<0.61)	0.39 TI	ND (<0.044)
CSM34	ND (<0.045)	ND (<0.044)	0.21 TI	ND (<0.55)	2.8	2.1	7.4 SI	ND (<0.039)	ND (<0.79)	0.42 TI	ND (<0.035)
CSM35	ND (<0.063)	ND (<0.044)	ND (<0.52)	ND (<2.0)	2.5	13	9.2 SI	ND (<0.068)	ND (<0.40)	ND (<0.63)	ND (<0.052)
CSM36	ND (<0.051)	ND (<0.044)	ND (<0.32)	ND (<0.67)	2.2	2.2	6.7 SI	ND (<0.047)	ND (<0.47)	0.25	ND (<0.035)
CSM37	ND (<0.068)	ND (<0.065)	ND (<0.48)	ND (<0.77)	2.5	1.1	6.4 SI	ND (<0.055)	ND (<0.36)	ND (<0.22)	ND (<0.048)
CSM38	ND (<0.052)	ND (<0.049)	ND (<0.20)	ND (<0.65)	2.5	1.6	6.5 SI	ND (<0.043)	ND (<0.28)	0.22 TI	ND (<0.040)
CSM39	ND (<0.071)	ND (<0.063)	ND (<0.16)	ND (<0.86)	2.1	3.6	5.8 SI	ND (<0.099)	ND (<0.38)	0.52 TI	ND (<0.046)
CSM40	ND (<0.089)	ND (<0.088)	ND (<0.20)	ND (<1.2)	2.5	18	3.6 SI	ND (<0.077)	ND (<0.48)	3.4 TI	ND (<0.058)
CSM40DUP	ND (<0.099)	ND (<0.10)	ND (<0.23)	ND (<2.2)	3.1	18	5.0 SI	ND (<0.091)	ND (<0.56)	1.7 TI	ND (<0.048)
CSM41	ND (<0.086)	ND (<0.068)	0.39 TI	ND (<1.1)	8.0	11	5.8 SI	ND (<0.075)	ND (<0.47)	ND (<0.49)	ND (<0.060)

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56	Co-57
CSM42	ND (<0.11)	ND (<0.095)	0.94 TI	ND (<2.1)	8.0	21	33 SI	ND (<0.17)	ND (<0.70)	ND (<0.72)	ND (<0.092)
CSM43	ND (<0.044)	ND (<0.042)	0.26 TI	ND (<0.57)	2.4	5.6	10 SI	ND (<0.061)	ND (<0.27)	0.96 TI	ND (<0.038)
CSM44	ND (<0.068)	ND (<0.068)	ND (<0.15)	ND (<0.84)	2.3	3.0	5.3 SI	ND (<0.052)	ND (<0.30)	0.35 TI	ND (<0.038)
CSM45	ND (<0.055)	ND (<0.049)	ND (<0.42)	ND (<0.72)	1.5	1.3	4.0 SI	ND (<0.041)	ND (<0.28)	ND (<0.20)	ND (<0.035)
CSM46	ND (<0.055)	ND (<0.054)	ND (<0.23)	ND (<0.72)	1.5	3.6	6.8 SI	ND (<0.072)	ND (<0.31)	0.70 TI	ND (<0.043)
CSM47	ND (<0.089)	ND (<0.072)	0.39 TI	ND (<1.6)	2.4	17	9.8 SI	ND (<0.14)	ND (<0.52)	ND (<0.72)	ND (<0.068)
CSM48	ND (<0.060)	ND (<0.057)	ND (<0.38)	ND (<0.82)	3.0	3.4	11 SI	ND (<0.087)	ND (<0.37)	0.53 TI	ND (<0.056)
CSM49	ND (<0.082)	ND (<0.087)	ND (<0.61)	ND (<1.0)	2.4	4.1	9.4 SI	ND (<0.069)	ND (<0.46)	0.50 TI	ND (<0.059)
CSM50	ND (<0.057)	ND (<0.064)	ND (<0.13)	ND (<0.7)	1.5	1.2	3.2 SI	ND (<0.038)	ND (<0.24)	0.20 TI	ND (<0.030)
CSM50DUP	ND (<0.064)	ND (<0.049)	ND (<0.13)	ND (<0.78)	2.1	1.7	4.7 SI	ND (<0.051)	ND (<0.31)	0.32 TI	ND (<0.041)
CSM51	ND (<0.082)	ND (<0.070)	ND (<0.63)	ND (<1.7)	1.9	11	9.0 SI	ND (<0.14)	ND (<0.49)	1.6 TI	ND (<0.064)
CSM52	ND (<0.044)	ND (<0.044)	ND (<0.18)	ND (<0.58)	1.5	2.8	5.4 SI	ND (<0.055)	ND (<0.24)	0.58 TI	ND (<0.033)
CSM53	ND (<0.071)	ND (<0.055)	0.26 TI	ND (<9.1)	1.8	9.7	13 SI	ND (<0.086)	ND (<0.38)	1.2 TI	ND (<0.047)
CSM54	ND (<0.17)	ND (<0.16)	ND (<1.60)	ND (<3.8)	3.2	72	33 SI	ND (<0.19)	ND (<1.2)	12 TI	ND (<0.15)
CSM55	ND (<0.079)	ND (<0.062)	ND (<0.78)	ND (<1.2)	3.1	17	24 SI	ND (<0.085)	ND (<0.53)	ND (<0.66)	ND (<0.068)
CSM56	ND (<0.067)	ND (<0.068)	ND (<0.28)	ND (<0.79)	1.7	2.9	6.2 SI	ND (<0.047)	ND (<0.34)	0.34 TI	ND (<0.033)
CSM57	ND (<0.050)	ND (<0.040)	ND (<0.29)	ND (<0.69)	2.7	2.8	7.1 SI	ND (<0.049)	ND (<0.29)	0.47 TI	ND (<0.039)
CSM58	ND (<0.061)	ND (<0.052)	ND (<0.10)	ND (<0.74)	1.4	3.7	5.0 SI	ND (<0.049)	ND (<0.29)	0.50 TI	ND (<0.037)
CSM59	ND (<0.070)	ND (<0.055)	ND (<0.42)	ND (<0.92)	4.1	1.5	7.8 SI	ND (<0.058)	ND (<0.33)	0.37 TI	ND (<0.043)
CSM60	ND (<0.047)	ND (<0.043)	0.21 TI	ND (<0.57)	2.4	1.3	5.2 SI	ND (<0.038)	ND (<0.23)	0.20 TI	ND (<0.033)
CSM60DUP	ND (<0.063)	ND (<0.060)	ND (<0.44)	ND (<0.75)	2.3	1.4	6.0 SI	ND (<0.047)	ND (<0.31)	0.19 TI	ND (<0.041)
CSM61	ND (<0.062)	ND (<0.051)	0.45 TI	ND (<0.85)	2.0	3.9	7.2 SI	ND (<0.058)	ND (<0.33)	0.69 TI	ND (<0.042)
CSM62	ND (<0.055)	ND (<0.047)	ND (<0.42)	ND (<0.64)	1.6	1.2	4.7 SI	ND (<0.045)	ND (<0.25)	0.18 TI	ND (<0.033)
CSM63	ND (<0.046)	ND (<0.040)	ND (<0.25)	ND (<0.60)	2.1	1.1	4.7 SI	ND (<0.042)	ND (<0.24)	ND (<0.15)	ND (<0.033)
CSM64	ND (<0.053)	ND (<0.057)	ND (<0.08)	ND (<0.71)	1.6	1.3	3.5 SI	ND (<0.062)	ND (<0.24)	0.21 TI	ND (<0.032)
CSM65	ND (<0.086)	ND (<0.054)	0.44 TI	ND (<1.1)	1.4	9.4	15 SI	ND (<0.057)	ND (<0.36)	1.5 TI	ND (<0.049)
CSM66	ND (<0.071)	ND (<0.041)	0.34 TI	ND (<1.2)	3.0	8.4	15 SI	ND (<0.057)	ND (<0.33)	1.3 TI	ND (<0.043)
CSM67	ND (<0.074)	ND (<0.071)	ND (<0.13)	ND (<1.0)	3.4	6.6	12 SI	ND (<0.059)	ND (<0.36)	1.2 TI	ND (<0.046)
CSM68	ND (<0.073)	ND (<0.072)	ND (<0.33)	ND (<0.91)	2.2	5.5	8.8 SI	ND (<0.055)	ND (<0.34)	0.87 TI	ND (<0.038)
CSM69	ND (<0.062)	ND (<0.068)	ND (<0.29)	ND (<0.81)	3.8	2.4	7.5 SI	ND (<0.048)	ND (<0.34)	0.24 TI	ND (<0.034)
CSM70	ND (<0.054)	ND (<0.050)	ND (<0.09)	ND (<0.67)	2.8	2.5	6.7 SI	ND (<0.042)	ND (<0.25)	0.37 TI	ND (<0.033)
CSM70DUP	ND (<0.070)	ND (<0.068)	ND (<0.51)	ND (<0.85)	2.8	2.5	7.3 SI	ND (<0.060)	ND (<0.37)	0.35 TI	ND (<0.050)
CSM71	ND (<0.065)	ND (<0.054)	0.18 TI	ND (<0.89)	4.4	4.0	9.2 SI	ND (<0.056)	ND (<0.34)	0.42 TI	ND (<0.044)
CSM72	ND (<0.062)	ND (<0.056)	ND (<0.10)	ND (<0.78)	1.8	1.4	4.0 SI	ND (<0.050)	ND (<0.28)	ND (<0.14)	ND (<0.035)
CSM73	ND (<0.070)	ND (<0.077)	ND (<0.30)	ND (<0.89)	3.0	1.1	5.8 SI	ND (<0.049)	ND (<0.35)	ND (<0.25)	ND (<0.035)
CSM74	ND (<0.064)	ND (<0.061)	ND (<0.09)	ND (<0.75)	1.3	0.98	2.8 SI	ND (<0.040)	ND (<0.24)	0.19 TI	ND (<0.034)
CSM75	ND (<0.057)	ND (<0.053)	ND (<0.21)	ND (<0.74)	1.5	0.9	4.6 SI	ND (<0.044)	ND (<0.28)	ND (<0.21)	ND (<0.040)
CSM76	ND (<0.050)	ND (<0.039)	ND (<0.27)	ND (<0.68)	1.4	1.3	3.8 SI	ND (<0.044)	ND (<0.26)	ND (<0.22)	ND (<0.035)
CSM77	ND (<0.078)	ND (<0.064)	ND (<0.51)	ND (<1.2)	1.7	6.4	9.5 SI	ND (<0.079)	ND (<0.43)	1.1 TI	ND (<0.053)
CSM78	ND (<0.043)	ND (<0.042)	ND (<0.37)	ND (<0.62)	1.4	0.81	3.6 SI	ND (<0.040)	ND (<0.25)	0.092	ND (<0.029)
CSM79	ND (<0.038)	ND (<0.032)	ND (<0.22)	ND (<0.52)	1.8	1.6	4.0 SI	ND (<0.036)	ND (<0.21)	0.18 TI	ND (<0.028)
CSM80	ND (<0.052)	ND (<0.036)	ND (<0.40)	ND (<0.63)	2.6	1.6	6.1 SI	ND (<0.044)	ND (<0.22)	0.26 TI	ND (<0.034)
CSM80DUP	ND (<0.085)	ND (<0.046)	ND (<0.09)	ND (<0.71)	2.0	1.5	4.9 SI	ND (<0.044)	ND (<0.25)	0.19 TI	ND (<0.033)
CSM81	ND (<0.067)	ND (<0.054)	ND (<0.39)	ND (<0.88)	2.5	1.3	5.8 SI	ND (<0.057)	ND (<0.32)	0.33 TI	ND (<0.042)
CSM82	ND (<0.099)	ND (<0.077)	ND (<0.98)	ND (<1.5)	1.9	35	22 SI	ND (<0.18)	ND (<0.67)	1.4 TI	ND (<0.088)
CSM83	ND (<0.071)	ND (<0.057)	ND (<0.12)	ND (<1.2)	1.6	4.5	5.8 SI	ND (<0.057)	ND (<0.34)	0.45 TI	ND (<0.043)

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56	Co-57
CSM84	ND (<0.054)	ND (<0.048)	0.38 TI	ND (<0.98)	1.6	5.7	7.8 SI	ND (<0.050)	ND (<0.30)	1.0 TI	ND (<0.042)
CSM85	ND (<0.048)	ND (<0.045)	ND (<0.27)	ND (<0.69)	1.7	1.1	3.7 SI	ND (<0.046)	ND (<0.28)	ND (<0.15)	ND (<0.036)
CSM86	ND (<0.059)	ND (<0.062)	ND (<0.10)	ND (<0.75)	1.9	1.5	3.9 SI	ND (<0.041)	ND (<0.24)	ND (<0.20)	ND (<0.033)
CSM87	ND (<0.068)	ND (<0.064)	ND (<0.25)	ND (<0.73)	ND (<1.2)	1.4	3.2 SI	ND (<0.040)	ND (<0.30)	ND (<0.21)	ND (<0.029)
CSM88	ND (<0.056)	ND (<0.063)	ND (<0.22)	ND (<0.73)	1.3	1.1	3.1 SI	ND (<0.038)	ND (<0.30)	0.17 TI	ND (<0.025)
CSM89	ND (<0.061)	ND (<0.056)	0.47 TI	ND (<1.2)	2.3	11	17 SI	ND (<0.095)	ND (<0.37)	1.7 TI	ND (<0.052)
CSM90	ND (<0.072)	ND (<0.072)	ND (<0.55)	ND (<0.86)	3.5	1.4	9.1 SI	ND (<0.062)	ND (<0.40)	0.25 TI	ND (<0.054)
CSM90DUP	ND (<0.065)	ND (<0.064)	ND (<0.49)	ND (<0.83)	2.2	2.4	8.1 SI	ND (<0.060)	ND (<0.38)	0.33 TI	ND (<0.039)
CSM91	ND (<0.068)	ND (<0.065)	ND (<0.51)	ND (<0.92)	1.7	2.6	7.0 SI	ND (<0.094)	ND (<0.38)	0.32	ND (<0.051)
CSM92	ND (<0.070)	ND (<0.068)	ND (<0.12)	ND (<0.95)	1.4	5.3	6.5 SI	ND (<0.060)	ND (<0.35)	0.94	ND (<0.045)
CSM93	ND (<0.053)	ND (<0.053)	ND (<0.20)	ND (<0.67)	1.4	0.91	3.3 SI	ND (<0.035)	ND (<0.26)	0.17	ND (<0.024)
CSM94	ND (<0.050)	ND (<0.046)	ND (<0.15)	ND (<0.65)	1.7	1.3	4.6 SI	ND (<0.041)	ND (<0.24)	ND (<0.20)	ND (<0.034)
CSM95	ND (<0.072)	ND (<0.073)	ND (<0.11)	ND (<0.97)	1.7	4.0	4.7 SI	ND (<0.054)	ND (<0.31)	0.63	ND (<0.050)
CSM96	ND (<0.057)	ND (<0.049)	ND (<0.39)	ND (<1.3)	1.5	11	16 SI	ND (<0.069)	ND (<0.40)	1.6	ND (<0.053)
CSM97	0.20 TI	ND (<0.13)	2.7	ND (<4.2)	ND (<2.5)	96	82 SI	ND (<0.21)	ND (<1.3)	4.5	ND (<0.12)
CSM98	ND (<0.095)	ND (<0.091)	2.2 TI	ND (<2.3)	ND (<1.0)	95	54 SI	ND (<0.120)	ND (<0.71)	15	ND (<0.098)
CSM99	ND (<0.071)	ND (<0.072)	ND (<0.51)	ND (<0.87)	4.5	2.9	13 SI	ND (<0.060)	ND (<0.39)	0.44	ND (<0.052)
CSM100	ND (<0.090)	ND (<0.077)	ND (<0.65)	ND (<2.1)	2.6	14	6.4 SI	ND (<0.10)	ND (<0.53)	ND (<0.82)	ND (<0.069)
CSM100DUP	ND (<0.076)	ND (<0.060)	ND (<0.57)	ND (<1.0)	3.5	3.9	11 SI	ND (<0.070)	ND (<0.44)	0.71	ND (<0.060)
CSM101	ND (<0.077)	ND (<0.060)	0.16 TI	ND (<1.1)	2.3	6.1	2.6 SI	ND (<0.066)	ND (<0.39)	0.91	ND (<0.051)
CSM102	ND (<0.058)	ND (<0.048)	ND (<0.48)	ND (<0.83)	1.2	4.4	6.5 SI	ND (<0.054)	ND (<0.32)	0.7	ND (<0.042)
CSM103	ND (<0.066)	ND (<0.072)	ND (<0.11)	ND (<1.3)	2.0	2.6	2.8 SI	ND (<0.049)	ND (<0.29)	0.41	ND (<0.040)
CSM104	ND (<0.056)	ND (<0.051)	ND (<0.22)	ND (<0.77)	1.1	4.1	6.3 SI	ND (<0.050)	ND (<0.30)	0.69	ND (<0.041)
CSM105	ND (<0.058)	ND (<0.048)	ND (<0.34)	ND (<0.83)	2.3	3.4	7.2 SI	ND (<0.058)	ND (<0.34)	0.55	ND (<0.046)
CSM106	ND (<0.060)	ND (<0.055)	ND (<0.24)	ND (<0.75)	1.1	1.8	3.9 SI	ND (<0.042)	ND (<0.30)	0.28	ND (<0.028)
CSM107	ND (<0.056)	ND (<0.059)	ND (<0.08)	ND (<0.78)	0.87	4.9	5.2 SI	ND (<0.043)	ND (<0.27)	0.97	ND (<0.035)
CSM108	ND (<0.052)	ND (<0.050)	ND (<0.19)	ND (<0.69)	1.2	3.6	6.9 SI	ND (<0.060)	ND (<0.27)	0.68	ND (<0.037)
CSM109	ND (<0.062)	ND (<0.054)	0.16 TI	ND (<0.85)	2.1	5.2	7.9 SI	ND (<0.055)	ND (<0.32)	0.51	ND (<0.040)
CSM110	ND (<0.066)	ND (<0.046)	ND (<0.41)	ND (<0.96)	2.2	1.7	4.4 SI	ND (<0.063)	ND (<0.34)	ND (<0.18)	ND (<0.045)
CSM110DUP	ND (<0.067)	ND (<0.049)	ND (<0.13)	ND (<0.91)	3.6	1.2	6.5 SI	ND (<0.054)	ND (<0.34)	0.22	ND (<0.043)
CSM111	ND (<0.053)	ND (<0.048)	ND (<0.42)	ND (<1.2)	2.0	1.9	5.2 SI	ND (<0.046)	ND (<0.28)	0.26	ND (<0.036)
CSM112	ND (<0.044)	ND (<0.037)	ND (<0.25)	ND (<0.65)	1.6	1.6	5.2 SI	ND (<0.042)	ND (<0.25)	0.27	ND (<0.032)
CSM113	ND (<0.057)	ND (<0.056)	ND (<0.23)	ND (<0.82)	1.6	3.3	5.0 SI	ND (<0.053)	ND (<0.31)	0.39	ND (<0.044)
CSM114	ND (<0.078)	ND (<0.066)	ND (<0.53)	ND (<1.8)	1.8	9.0	12 SI	ND (<0.081)	ND (<0.43)	1.2	ND (<0.055)
CSM115	ND (<0.071)	ND (<0.079)	ND (<0.31)	ND (<1.0)	ND (<1.0)	3.1	5.7 SI	ND (<0.053)	ND (<0.32)	0.62	ND (<0.036)
CSM116	ND (<0.078)	ND (<0.067)	ND (<0.12)	ND (<1.0)	2.1	3.1	7.7 SI	ND (<0.060)	ND (<0.34)	0.46	ND (<0.041)
CSM117	ND (<0.067)	ND (<0.054)	0.15 TI	ND (<0.91)	1.5	5.4	8.5 SI	ND (<0.059)	ND (<0.33)	ND (<0.36)	ND (<0.043)
CSM118	ND (<0.083)	ND (<0.083)	ND (<0.64)	ND (<1.2)	2.3	5.0	8.5 SI	ND (<0.075)	ND (<0.47)	0.66	ND (<0.060)
CSM119	ND (<0.051)	ND (<0.041)	ND (<0.36)	ND (<0.71)	1.5	2.0	4.1 SI	ND (<0.042)	ND (<0.25)	0.35	ND (<0.033)
CSM120	ND (<0.053)	ND (<0.057)	ND (<0.08)	ND (<0.73)	1.5	1.2	3.3 SI	ND (<0.037)	ND (<0.22)	ND (<0.15)	ND (<0.028)
CSM120DUP	ND (<0.057)	ND (<0.056)	ND (<0.08)	ND (<0.74)	1.2	0.92	2.7 SI	ND (<0.039)	ND (<0.23)	ND (<0.19)	ND (<0.029)
CSM121	ND (<0.052)	ND (<0.044)	0.25 TI	ND (<0.96)	1.5	3.7	5.7 SI	ND (<0.044)	ND (<0.26)	ND (<0.30)	ND (<0.038)
CSM122	ND (<0.054)	ND (<0.049)	0.091 TI	ND (<0.83)	1.2	1.3	3.6 SI	ND (<0.044)	ND (<0.27)	0.27	ND (<0.034)
CSM123	ND (<0.071)	ND (<0.072)	ND (<0.48)	ND (<0.86)	2.7	1.9	6.4 SI	ND (<0.059)	ND (<0.37)	0.37	ND (<0.049)
CSM124	ND (<0.086)	ND (<0.095)	ND (<0.36)	ND (<1.0)	4.7	1.7	8.8 SI	ND (<0.061)	ND (<0.41)	0.27	ND (<0.043)
CSM125	ND (<0.10)	ND (<0.073)	ND (<0.48)	ND (<1.2)	1.7	5.5	7.8 SI	ND (<0.074)	ND (<0.39)	0.83	ND (<0.051)

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56	Co-57
CSM126	ND (<0.045)	ND (<0.038)	ND (<0.27)	ND (<0.67)	2.5	3.5	8.6 SI	ND (<0.046)	ND (<0.42)	ND (<0.25)	ND (<0.036)
CSM127	ND (<0.080)	ND (<0.075)	ND (<0.13)	ND (<1.1)	3.6	8.2	7.5 SI	ND (<0.067)	ND (<0.40)	0.84	0.027
CSM128	ND (<0.061)	ND (<0.063)	ND (<0.41)	ND (<0.99)	1.5	4.7	7.0 SI	ND (<0.063)	ND (<0.33)	0.68	ND (<0.044)
CSM129	ND (<0.056)	ND (<0.055)	ND (<0.38)	ND (<0.73)	1.6	0.71	3.5 SI	ND (<0.042)	ND (<0.27)	ND (<0.20)	ND (<0.038)
CSM130	ND (<0.064)	ND (<0.068)	ND (<0.06)	ND (<0.83)	2.5	1.4	4.2 SI	ND (<0.044)	ND (<0.26)	0.2	ND (<0.032)
CSM130DUP	ND (<0.050)	ND (<0.047)	ND (<0.17)	ND (<0.65)	1.9	1.3	3.3 SI	ND (<0.040)	ND (<0.24)	ND (<0.20)	ND (<0.033)
CSM131	ND (<0.061)	ND (<0.055)	ND (<0.10)	ND (<0.77)	1.9	1.7	3.9 SI	ND (<0.044)	ND (<0.27)	0.27	ND (<0.035)
CSM132	ND (<0.067)	ND (<0.056)	ND (<0.38)	ND (<0.93)	2.3	1.6	5.3 SI	ND (<0.057)	ND (<0.32)	0.22	ND (<0.042)
CSM133	ND (<0.053)	ND (<0.049)	ND (<0.29)	ND (<0.75)	1.3	1.3	4.4 SI	ND (<0.048)	ND (<0.45)	0.16	ND (<0.038)
CSM134	ND (<0.085)	ND (<0.068)	ND (<0.16)	ND (<1.20)	1.4	9.1	12 SI	ND (<0.073)	ND (<0.44)	1.5	ND (<0.054)
CSM135	ND (<0.11)	ND (<0.085)	ND (<1.00)	ND (<1.60)	4.6	21	25 SI	ND (<0.11)	ND (<0.70)	ND (<0.29)	ND (<0.092)
CSM136	ND (<0.11)	ND (<0.071)	0.90 TI	ND (<1.70)	3.6	22	25 SI	ND (<0.090)	ND (<0.55)	3.7	ND (<0.075)
CSM137	ND (<0.098)	ND (<0.069)	ND (<0.29)	ND (<0.89)	2.3	2.8	6.4 SI	ND (<0.052)	ND (<0.31)	0.53	ND (<0.025)
CSM138	ND (<0.066)	ND (<0.063)	ND (<0.28)	ND (<0.98)	2.5	10	14 SI	ND (<0.065)	ND (<0.39)	1.7	ND (<0.054)
CSM139	ND (<0.071)	ND (<0.057)	ND (<0.24)	ND (<0.85)	ND (<0.93)	1.9	2.8 SI	ND (<0.053)	ND (<0.34)	ND (<0.26)	ND (<0.044)
CSM140	ND (<0.065)	ND (<0.066)	ND (<0.45)	ND (<0.86)	1.4	2.5	4.5 SI	ND (<0.055)	ND (<0.34)	0.27	ND (<0.046)
CSM140DUP	ND (<0.061)	ND (<0.063)	ND (<0.23)	ND (<0.83)	1.9	2.9	5.2 SI	ND (<0.044)	ND (<0.26)	0.44	ND (<0.030)
CSM141	ND (<0.057)	ND (<0.056)	ND (<0.05)	ND (<0.75)	2.3	1.0	4.9 SI	ND (<0.039)	ND (<0.23)	0.25	ND (<0.029)
CSM142	ND (<0.049)	ND (<0.041)	ND (<0.43)	ND (<0.72)	2.6	3.1	8.9 SI	ND (<0.044)	ND (<0.28)	0.28	ND (<0.037)
CSM143	ND (<0.071)	ND (<0.043)	ND (<0.29)	ND (<0.75)	1.9	3.0	6.3 SI	ND (<0.050)	ND (<0.28)	0.53	ND (<0.038)
CSM144	ND (<0.061)	ND (<0.055)	ND (<0.41)	ND (<0.82)	1.7	2.6	5.9 SI	ND (<0.052)	ND (<0.33)	0.42	ND (<0.044)
CSM145	ND (<0.039)	ND (<0.036)	0.15 TI	ND (<0.54)	1.3	0.97	2.5 SI	ND (<0.032)	ND (<0.20)	ND (<0.18)	ND (<0.027)
CSM146	ND (<0.043)	ND (<0.040)	ND (<0.32)	ND (<0.65)	1.7	0.66	3.0 SI	ND (<0.035)	ND (<0.23)	0.10	ND (<0.029)
CSM147	ND (<0.073)	ND (<0.060)	ND (<0.13)	ND (<1.4)	1.7	7.1	9.1 SI	ND (<0.064)	ND (<0.37)	0.53	ND (<0.047)
CSM148	ND (<0.069)	ND (<0.071)	ND (<0.49)	ND (<0.96)	2.5	2.1	7.3 SI	ND (<0.059)	ND (<0.38)	0.29	ND (<0.049)
CSM149	ND (<0.046)	ND (<0.036)	ND (<0.36)	ND (<0.65)	1.6	5.4	8.6 SI	ND (<0.040)	ND (<0.24)	0.76	ND (<0.032)
CSM150	ND (<0.051)	ND (<0.042)	ND (<0.27)	ND (<0.73)	0.95	1.4	4.3 SI	ND (<0.046)	ND (<0.27)	0.29	ND (<0.034)
CSM150DUP	ND (<0.051)	ND (<0.044)	ND (<0.18)	ND (<0.67)	1.8	1.3	3.8 SI	ND (<0.040)	ND (<0.24)	ND (<0.23)	ND (<0.035)
CSM151	ND (<0.041)	ND (<0.039)	ND (<0.23)	ND (<0.63)	1.5	1.0	3.4 SI	ND (<0.036)	ND (<0.20)	0.15	ND (<0.026)
CSM152	ND (<0.19)	ND (<0.10)	ND (<0.29)	ND (<3.1)	2.8	110	36 SI	ND (<0.14)	ND (<0.81)	2.3	ND (<0.10)
CSM153	ND (<0.059)	ND (<0.040)	ND (<0.06)	ND (<0.59)	1.2	1.5	3.6 SI	ND (<0.030)	ND (<0.17)	0.21	ND (<0.021)
CSM154	ND (<0.051)	ND (<0.047)	ND (<0.33)	ND (<0.55)	1.4	3.0	5.7 SI	ND (<0.041)	ND (<0.25)	0.51	ND (<0.034)
CSM155	ND (<0.11)	ND (<0.072)	ND (<0.18)	ND (<0.96)	2.0	3.7	6.5 SI	ND (<0.055)	ND (<0.33)	0.47	ND (<0.037)
CSM156	ND (<0.097)	ND (<0.055)	0.42 TI	ND (<1.6)	2.9	14	7.1 SI	ND (<0.073)	ND (<0.42)	2.3	ND (<0.056)
CSM157	ND (<0.086)	ND (<0.054)	0.23 TI	ND (<0.81)	2.8	3.3	7.3 SI	ND (<0.049)	ND (<0.29)	0.52	ND (<0.040)
CSM158	ND (<0.12)	ND (<0.075)	ND (<0.35)	ND (<1.6)	ND (<1.2)	7.2	11 SI	ND (<0.061)	ND (<0.37)	ND (<0.48)	ND (<0.042)
CSM159	ND (<0.14)	ND (<0.078)	ND (<0.71)	ND (<2.50)	1.9	21	25 SI	ND (<0.12)	ND (<0.61)	ND (<0.83)	ND (<0.079)
CSM160	ND (<0.074)	ND (<0.072)	ND (<0.13)	ND (<1.1)	2.2	3.6	4.8 SI	ND (<0.063)	ND (<0.36)	1.0	ND (<0.047)
CSM161	ND (<0.071)	ND (<0.066)	ND (<0.11)	ND (<1.6)	2.4	6.3	9.3 SI	ND (<0.057)	ND (<0.33)	0.80	ND (<0.042)
CSM162	ND (<0.077)	ND (<0.051)	ND (<0.20)	ND (<0.73)	2.0	1.5	3.4 SI	ND (<0.043)	ND (<0.28)	0.27	ND (<0.036)
CSM163	ND (<0.062)	ND (<0.047)	ND (<0.35)	ND (<0.92)	1.8	2.7	5.3 SI	ND (<0.054)	ND (<0.31)	0.42	ND (<0.040)
CSM164(EAST)	ND (<0.078)	ND (<0.055)	0.25 TI	ND (<1.5)	1.7	12	7.4 SI	ND (<0.072)	ND (<0.42)	2.6	ND (<0.052)
CSM165(WEST)	ND (<0.068)	ND (<0.065)	ND (<0.30)	ND (<0.92)	1.3	4.0	7.0 SI	ND (<0.049)	ND (<0.30)	ND (<0.40)	ND (<0.033)
CSMBL1	ND (<0.046)	ND (<0.037)	ND (<0.35)	ND (<0.68)	2.5	0.87	5.0 SI	ND (<0.039)	ND (<0.24)	ND (<0.12)	ND (<0.033)
CSMBL2	ND (<0.060)	ND (<0.054)	ND (<0.36)	ND (<0.90)	2.6	0.97	5.0 SI	ND (<0.055)	ND (<0.30)	ND (<0.20)	ND (<0.038)
CSMBKG1	ND (<0.10)	ND (<0.083)	ND (<0.50)	ND (<1.0)	1.7	1.6	6.2 SI	ND (<0.082)	ND (<0.21)	0.30	ND (<0.050)

See Notes at end of table

**Table 4-3
Surface Samples - Gamma Spectroscopy**

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56	Co-57
CSMBKG2	ND (<0.060)	ND (<0.051)	ND (<0.43)	ND (<0.91)	2.5	1.6	4.8 SI	ND (<0.051)	ND (<0.29)	0.23	ND (<0.039)
CSMBKG3	ND (<0.083)	ND (<0.043)	ND (<0.32)	ND (<0.90)	2.5	1.6	6.2 SI	ND (<0.056)	ND (<0.32)	0.24	ND (<0.042)
CSMBKG4	ND (<0.074)	ND (<0.044)	ND (<0.30)	ND (<0.58)	3.4	2.3	8.2 SI	ND (<0.053)	ND (<0.30)	0.41	ND (<0.040)

Notes: All data units in picocuries per gram; ND, not detected; LT, less than requested minimum detection limit, greater than sample specific minimum detection limit;
 TI, nuclide identification is tentative; SI, nuclide identification and/or quantitation is tentative.

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155	Fe-59	I-131	K-40
CSM1	ND (<0.14)	ND (<0.070)	ND (<1.4)	0.087 TI	ND (<0.073)	0.40 TI	ND (<0.39)	ND (<0.25)	ND (<0.29)	ND (<2.5)	22
CSM1DUP	ND (<0.097)	ND (<0.084)	ND (<1.2)	0.077 TI	ND (<0.071)	ND (<0.41)	ND (<0.42)	ND (<0.14)	ND (<0.30)	ND (<2.2)	19
CSM2	0.50 TI	ND (<0.10)	ND (<1.9)	0.15 TI	ND (<0.10)	ND (<0.53)	ND (<0.53)	ND (<0.28)	ND (<0.33)	ND (<3.3)	15
CSM3	ND (<0.13)	ND (<0.065)	ND (<1.3)	0.047 TI	ND (<0.078)	ND (<0.65)	ND (<0.36)	ND (<0.27)	ND (<0.24)	ND (<2.4)	17
CSM4	ND (<0.10)	ND (<0.082)	ND (<1.4)	ND (<0.071)	ND (<0.070)	1.1 TI	ND (<0.45)	ND (<0.21)	ND (<0.27)	ND (<2.6)	29
CSM5	ND (<0.080)	ND (<0.061)	ND (<1.1)	ND (<0.056)	ND (<0.060)	0.79 TI	ND (<0.44)	0.23 TI	ND (<0.20)	ND (<2.1)	25
CSM6	ND (<0.14)	ND (<0.12)	ND (<2.1)	ND (<0.10)	ND (<0.10)	ND (<0.44)	ND (<0.63)	ND (<0.30)	ND (<0.37)	ND (<3.9)	20
CSM7	ND (<0.11)	ND (<0.093)	ND (<1.6)	ND (<0.077)	ND (<0.089)	0.50 TI	ND (<0.51)	ND (<0.20)	ND (<0.32)	ND (<2.7)	22
CSM8	ND (<0.091)	ND (<0.046)	ND (<0.92)	0.084	ND (<0.063)	0.25 TI	ND (<0.40)	ND (<0.18)	ND (<0.16)	ND (<1.8)	8.3
CSM9	ND (<0.092)	ND (<0.069)	ND (<1.3)	ND (<0.063)	ND (<0.064)	1.2 TI	ND (<0.35)	ND (<0.20)	ND (<0.24)	ND (<2.5)	20
CSM10	ND (<0.12)	ND (<0.065)	ND (<1.2)	ND (<0.042)	ND (<0.084)	ND (<0.51)	ND (<0.37)	ND (<0.17)	ND (<0.21)	ND (<1.9)	19
CSM10DUP	ND (<0.079)	ND (<0.077)	ND (<1.1)	0.052 TI	ND (<0.084)	0.62 TI	ND (<0.38)	ND (<0.17)	ND (<0.23)	ND (<1.8)	18
CSM11	ND (<0.098)	ND (<0.071)	ND (<1.3)	ND (<0.065)	ND (<0.082)	0.35 TI	ND (<0.41)	ND (<0.22)	ND (<0.26)	ND (<2.1)	22
CSM12	ND (<0.088)	ND (<0.054)	ND (<0.95)	0.065 TI	ND (<0.049)	ND (<0.26)	ND (<0.28)	ND (<0.15)	ND (<0.25)	ND (<1.6)	23
CSM13	ND (<0.13)	ND (<0.093)	ND (<1.6)	ND (<0.085)	ND (<0.089)	ND (<0.42)	ND (<0.50)	0.23	ND (<0.30)	ND (<3.1)	27
CSM14	ND (<0.10)	ND (<0.078)	ND (<1.4)	ND (<0.071)	ND (<0.075)	ND (<0.31)	ND (<0.38)	0.26	ND (<0.25)	ND (<2.2)	24
CSM15	ND (<0.10)	ND (<0.079)	ND (<1.2)	ND (<0.068)	ND (<0.071)	ND (<0.38)	ND (<0.40)	ND (<0.16)	ND (<0.25)	ND (<2.1)	22
CSM16	ND (<0.12)	ND (<0.11)	ND (<1.5)	ND (<0.072)	ND (<0.080)	ND (<0.39)	ND (<0.40)	ND (<0.13)	ND (<0.28)	ND (<2.4)	22
CSM17	ND (<0.16)	ND (<0.11)	ND (<1.6)	ND (<0.099)	0.087 TI	ND (<0.56)	ND (<0.52)	ND (<0.24)	ND (<0.32)	ND (<2.6)	18
CSM18	ND (<0.089)	ND (<0.074)	ND (<1.2)	ND (<0.061)	ND (<0.066)	ND (<0.21)	ND (<0.38)	ND (<0.13)	ND (<0.26)	ND (<1.9)	21
CSM19	ND (<0.14)	ND (<0.070)	ND (<1.5)	ND (<0.043)	ND (<0.050)	0.63 TI	ND (<0.55)	ND (<0.21)	ND (<0.24)	ND (<3.0)	21
CSM20	ND (<0.077)	ND (<0.064)	ND (<1.3)	ND (<0.065)	ND (<0.063)	ND (<0.23)	ND (<0.52)	ND (<0.28)	ND (<0.25)	ND (<2.8)	20
CSM20DUP	ND (<0.11)	ND (<0.055)	ND (<1.1)	0.075 TI	ND (<0.056)	0.29 TI	ND (<0.43)	ND (<0.20)	ND (<0.22)	ND (<2.6)	20
CSM21	ND (<0.099)	ND (<0.089)	ND (<1.3)	ND (<0.079)	ND (<0.073)	ND (<0.39)	ND (<0.38)	ND (<0.26)	ND (<0.30)	ND (<2.7)	22
CSM22	ND (<0.091)	ND (<0.060)	ND (<1.2)	ND (<0.059)	ND (<0.060)	ND (<0.27)	ND (<0.34)	ND (<0.39)	ND (<0.24)	ND (<2.7)	22
CSM23	ND (<0.10)	ND (<0.081)	ND (<1.3)	ND (<0.064)	ND (<0.067)	ND (<0.38)	ND (<0.42)	ND (<0.15)	ND (<0.38)	ND (<2.8)	21
CSM24	ND (<0.077)	ND (<0.061)	ND (<1.2)	0.090 TI	ND (<0.057)	ND (<0.29)	ND (<0.30)	0.26	ND (<0.21)	ND (<2.4)	21
CSM25	ND (<0.23)	ND (<0.14)	ND (<2.5)	ND (<0.17)	ND (<0.18)	1.6 TI	ND (<1.0)	ND (<0.11)	ND (<0.49)	ND (<4.9)	22
CSM26	ND (<0.18)	ND (<0.14)	ND (<3.0)	ND (<0.11)	ND (<0.20)	ND (<1.6)	ND (<0.64)	ND (<0.10)	ND (<0.49)	ND (<5.6)	23
CSM27	ND (<0.14)	ND (<0.11)	ND (<2.0)	ND (<0.089)	ND (<0.084)	1.1 TI	ND (<0.75)	ND (<0.19)	ND (<0.37)	ND (<4.6)	20
CSM28	ND (<0.14)	ND (<0.073)	ND (<1.6)	ND (<0.95)	ND (<0.092)	ND (<0.64)	ND (<0.59)	ND (<0.30)	ND (<0.26)	ND (<3.2)	25
CSM29	ND (<0.084)	ND (<0.060)	ND (<1.2)	ND (<0.057)	ND (<0.052)	0.45 TI	ND (<0.45)	ND (<0.21)	ND (<0.20)	ND (<2.8)	26
CSM30	ND (<0.13)	ND (<0.069)	ND (<1.5)	0.094	ND (<0.089)	ND (<0.69)	ND (<0.56)	ND (<0.19)	ND (<0.25)	ND (<3.3)	20
CSM30DUP	ND (<0.21)	ND (<0.12)	ND (<2.1)	ND (<0.14)	ND (<0.13)	1.5 TI	ND (<0.95)	ND (<0.16)	ND (<0.39)	ND (<4.6)	16
CSM31	ND (<0.17)	ND (<0.12)	ND (<2.7)	ND (<0.10)	ND (<0.10)	2.9 TI	ND (<0.90)	ND (<0.14)	ND (<0.42)	ND (<6.2)	21
CSM32	ND (<0.094)	ND (<0.072)	ND (<1.5)	ND (<0.064)	ND (<0.098)	ND (<0.35)	ND (<0.39)	ND (<0.15)	ND (<0.25)	ND (<3.3)	18
CSM33	ND (<0.079)	ND (<0.062)	ND (<1.3)	ND (<0.054)	ND (<0.099)	ND (<0.45)	ND (<0.43)	ND (<0.27)	ND (<0.23)	ND (<2.6)	21
CSM34	ND (<0.063)	ND (<0.049)	ND (<0.99)	ND (<0.57)	ND (<0.045)	0.18 TI	ND (<0.24)	ND (<0.32)	ND (<0.18)	ND (<2.1)	22
CSM35	ND (<0.13)	ND (<0.065)	ND (<3.9)	ND (<0.057)	ND (<0.077)	1.6 TI	ND (<0.47)	ND (<0.17)	ND (<0.42)	ND (<120)	22
CSM36	ND (<0.077)	ND (<0.054)	ND (<1.1)	ND (<0.047)	ND (<0.051)	0.24 TI	ND (<0.30)	ND (<0.25)	ND (<0.20)	ND (<2.3)	20
CSM37	ND (<0.090)	ND (<0.085)	ND (<1.4)	0.15 TI	ND (<0.062)	ND (<0.36)	ND (<0.54)	ND (<0.16)	ND (<0.28)	ND (<2.9)	22
CSM38	ND (<0.10)	ND (<0.055)	ND (<1.1)	0.092 TI	ND (<0.051)	ND (<0.27)	ND (<0.43)	ND (<0.12)	ND (<0.21)	ND (<2.4)	26
CSM39	ND (<0.090)	ND (<0.072)	ND (<1.5)	ND (<0.058)	ND (<0.089)	0.43 TI	ND (<0.53)	ND (<0.23)	ND (<0.30)	ND (<3.1)	17
CSM40	ND (<0.14)	ND (<0.099)	ND (<1.9)	ND (<0.078)	ND (<0.085)	1.4 TI	ND (<0.75)	ND (<0.21)	ND (<0.34)	ND (<4.8)	21
CSM40DUP	ND (<0.23)	ND (<0.12)	ND (<2.3)	ND (<0.098)	ND (<0.081)	ND (<1.0)	ND (<0.90)	ND (<0.24)	ND (<0.42)	ND (<6.2)	18
CSM41	ND (<0.10)	ND (<0.079)	ND (<1.8)	0.11 TI	ND (<0.13)	0.81 TI	ND (<0.56)	0.31	ND (<0.29)	ND (<3.9)	27

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155	Fe-59	I-131	K-40
CSM42	ND (<0.23)	ND (<0.13)	ND (<2.5)	ND (<1.5)	ND (<0.15)	ND (<1.3)	ND (<1.0)	ND (<0.35)	ND (<0.42)	ND (<5.3)	20
CSM43	ND (<0.094)	ND (<0.050)	ND (<1.0)	ND (<0.620)	ND (<0.063)	0.62 TI	ND (<0.39)	ND (<0.11)	ND (<0.18)	ND (<2.2)	21
CSM44	ND (<0.096)	ND (<0.076)	ND (<1.4)	ND (<0.047)	ND (<0.099)	ND (<0.36)	ND (<0.44)	ND (<0.16)	ND (<0.28)	ND (<3.6)	18
CSM45	ND (<0.088)	ND (<0.063)	ND (<1.1)	ND (<0.055)	ND (<0.050)	0.24 TI	ND (<0.32)	ND (<0.19)	ND (<0.20)	ND (<3.1)	18
CSM46	ND (<0.12)	ND (<0.058)	ND (<1.3)	0.065 TI	ND (<0.078)	ND (<0.28)	ND (<0.49)	ND (<0.16)	ND (<0.24)	ND (<2.9)	17
CSM47	ND (<0.11)	ND (<0.092)	ND (<2.0)	ND (<0.069)	ND (<0.14)	ND (<0.81)	ND (<0.67)	ND (<0.26)	ND (<0.34)	ND (<4.4)	17
CSM48	ND (<0.074)	ND (<0.059)	ND (<1.3)	0.12 TI	ND (<0.082)	0.44 TI	ND (<0.50)	0.19	ND (<0.23)	ND (<3.2)	13
CSM49	ND (<0.16)	ND (<0.10)	ND (<1.6)	ND (<0.084)	ND (<0.086)	ND (<0.46)	ND (<0.49)	ND (<0.22)	ND (<0.33)	ND (<3.7)	25
CSM50	ND (<0.091)	ND (<0.071)	ND (<1.1)	ND (<0.057)	ND (<0.063)	ND (<0.10)	ND (<0.34)	ND (<0.11)	ND (<0.24)	ND (<3.1)	19
CSM50DUP	ND (<0.091)	ND (<0.069)	ND (<1.3)	ND (<0.055)	ND (<0.089)	ND (<0.29)	ND (<0.35)	ND (<0.14)	ND (<0.25)	ND (<3.2)	23
CSM51	ND (<0.18)	ND (<0.078)	ND (<2.0)	ND (<0.073)	ND (<0.077)	ND (<0.73)	ND (<0.76)	ND (<0.26)	ND (<0.30)	ND (<4.3)	18
CSM52	ND (<0.094)	ND (<0.050)	ND (<1.0)	ND (<0.056)	ND (<0.060)	ND (<0.29)	ND (<0.38)	ND (<0.11)	ND (<0.18)	ND (<2.3)	17
CSM53	ND (<0.093)	ND (<0.071)	ND (<1.6)	ND (<0.053)	ND (<0.11)	ND (<0.81)	ND (<0.52)	ND (<0.17)	ND (<0.28)	ND (<3.4)	20
CSM54	ND (<0.39)	ND (<0.22)	ND (<6.1)	45 TI	ND (<0.24)	3.5 TI	ND (<1.6)	ND (<0.57)	ND (<1.1)	ND (<9.9)	20
CSM55	ND (<0.12)	ND (<0.090)	ND (<2.1)	ND (<0.089)	ND (<0.11)	2.2 TI	ND (<0.70)	0.29	ND (<0.34)	ND (<6.5)	22
CSM56	ND (<0.12)	ND (<0.079)	ND (<1.3)	ND (<0.056)	ND (<0.096)	ND (<0.31)	ND (<0.40)	ND (<0.19)	ND (<0.27)	ND (<3.7)	20
CSM57	ND (<0.067)	ND (<0.047)	ND (<1.1)	0.11 TI	ND (<0.051)	ND (<0.19)	ND (<0.26)	ND (<0.19)	ND (<0.20)	ND (<3.1)	23
CSM58	ND (<0.12)	ND (<0.057)	ND (<1.4)	ND (<0.052)	ND (<0.083)	0.49 TI	ND (<0.38)	ND (<0.14)	ND (<0.24)	ND (<3.4)	15
CSM59	ND (<0.097)	ND (<0.064)	ND (<1.5)	ND (<0.060)	ND (<0.066)	ND (<0.21)	ND (<0.33)	ND (<0.18)	ND (<0.24)	ND (<3.7)	19
CSM60	ND (<0.094)	ND (<0.048)	ND (<1.0)	ND (<0.560)	ND (<0.062)	ND (<0.14)	ND (<0.25)	ND (<0.13)	ND (<0.18)	ND (<2.7)	26
CSM60DUP	ND (<0.090)	ND (<0.079)	ND (<1.3)	ND (<0.057)	ND (<0.063)	ND (<0.36)	ND (<0.36)	ND (<0.16)	ND (<0.28)	ND (<3.7)	23
CSM61	ND (<0.097)	ND (<0.060)	ND (<1.4)	ND (<0.055)	ND (<0.082)	0.33 TI	ND (<0.47)	ND (<0.10)	ND (<0.25)	ND (<3.7)	24
CSM62	ND (<0.081)	ND (<0.054)	ND (<1.1)	ND (<0.051)	ND (<0.050)	ND (<0.23)	ND (<0.29)	0.10	ND (<0.19)	ND (<3.3)	18
CSM63	ND (<0.059)	ND (<0.045)	ND (<1.0)	0.058 TI	ND (<0.046)	ND (<0.22)	ND (<0.24)	ND (<0.15)	ND (<0.17)	ND (<2.8)	23
CSM64	ND (<0.097)	ND (<0.063)	ND (<1.2)	ND (<0.058)	ND (<0.055)	ND (<0.27)	ND (<0.35)	ND (<0.11)	ND (<0.23)	ND (<3.8)	19
CSM65	ND (<0.13)	ND (<0.068)	ND (<1.6)	0.069 TI	0.28	ND (<0.55)	ND (<0.33)	ND (<0.18)	ND (<0.26)	ND (<4.1)	18
CSM66	ND (<0.11)	ND (<0.051)	ND (<1.4)	ND (<0.670)	0.12	ND (<0.46)	ND (<0.42)	ND (<0.19)	ND (<0.30)	ND (<5.1)	22
CSM67	ND (<0.11)	ND (<0.083)	ND (<1.7)	ND (<0.071)	ND (<0.068)	0.77 TI	ND (<0.46)	0.24	ND (<0.30)	ND (<5.2)	20
CSM68	ND (<0.11)	ND (<0.078)	ND (<1.5)	0.083 TI	ND (<0.10)	0.47 TI	ND (<0.41)	ND (<0.17)	ND (<0.31)	ND (<4.3)	23
CSM69	ND (<0.095)	ND (<0.073)	ND (<1.3)	ND (<0.690)	ND (<0.091)	ND (<0.37)	ND (<0.35)	0.17	ND (<0.30)	ND (<3.5)	26
CSM70	ND (<0.087)	ND (<0.057)	ND (<1.2)	ND (<0.051)	ND (<0.051)	ND (<0.27)	ND (<0.41)	0.15	ND (<0.23)	ND (<3.8)	19
CSM70DUP	ND (<0.10)	ND (<0.082)	ND (<1.5)	ND (<0.062)	ND (<0.070)	ND (<0.25)	ND (<0.43)	ND (<0.12)	ND (<0.30)	ND (<4.0)	23
CSM71	ND (<0.10)	ND (<0.070)	ND (<1.5)	ND (<0.062)	ND (<0.063)	0.55 TI	ND (<0.48)	0.18	ND (<0.28)	ND (<4.3)	26
CSM72	ND (<0.088)	ND (<0.060)	ND (<1.4)	ND (<0.057)	ND (<0.091)	ND (<0.28)	ND (<0.37)	ND (<0.13)	ND (<0.27)	ND (<3.5)	21
CSM73	ND (<0.10)	ND (<0.087)	ND (<1.5)	0.084 TI	ND (<0.074)	ND (<0.34)	ND (<0.40)	ND (<0.18)	ND (<0.33)	ND (<4.3)	28
CSM74	ND (<0.094)	ND (<0.069)	ND (<1.4)	ND (<0.061)	ND (<0.060)	ND (<0.32)	ND (<0.36)	ND (<0.11)	ND (<0.25)	ND (<3.9)	19
CSM75	ND (<0.12)	ND (<0.062)	ND (<1.3)	0.063 TI	ND (<0.056)	ND (<0.30)	ND (<0.32)	ND (<0.15)	ND (<0.23)	ND (<3.9)	20
CSM76	ND (<0.063)	ND (<0.050)	ND (<1.1)	0.055 TI	ND (<0.047)	ND (<0.24)	ND (<0.26)	ND (<0.16)	ND (<0.19)	ND (<3.6)	20
CSM77	ND (<0.12)	ND (<0.078)	ND (<2.0)	ND (<0.070)	ND (<0.054)	0.98 TI	ND (<0.46)	ND (<0.21)	ND (<0.31)	ND (<5.5)	28
CSM78	ND (<0.070)	ND (<0.048)	ND (<1.0)	ND (<0.044)	ND (<0.049)	ND (<0.20)	ND (<0.26)	ND (<0.12)	ND (<0.19)	ND (<3.5)	16
CSM79	ND (<0.048)	ND (<0.039)	ND (<0.88)	ND (<0.39)	ND (<0.035)	ND (<0.11)	ND (<0.20)	ND (<0.10)	ND (<0.16)	ND (<2.8)	19
CSM80	ND (<0.075)	ND (<0.045)	ND (<1.1)	ND (<0.049)	ND (<0.051)	ND (<0.16)	ND (<0.27)	ND (<0.16)	ND (<0.19)	ND (<4.0)	19
CSM80DUP	ND (<0.079)	ND (<0.055)	ND (<1.2)	ND (<0.050)	ND (<0.046)	ND (<0.16)	ND (<0.30)	ND (<0.10)	ND (<0.23)	ND (<4.0)	21
CSM81	ND (<0.10)	ND (<0.068)	ND (<1.6)	ND (<0.056)	ND (<0.063)	ND (<0.30)	ND (<0.35)	ND (<0.17)	ND (<0.27)	ND (<4.7)	25
CSM82	ND (<0.16)	ND (<0.11)	ND (<2.9)	ND (<0.096)	ND (<0.094)	2.5 TI	ND (<0.80)	ND (<0.35)	ND (<0.42)	ND (<9.7)	17
CSM83	ND (<0.14)	ND (<0.068)	ND (<1.6)	ND (<0.055)	ND (<0.065)	0.39 TI	ND (<0.49)	ND (<0.16)	ND (<0.28)	ND (<4.7)	23

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155	Fe-59	I-131	K-40
CSM84	ND (<0.12)	ND (<0.058)	ND (<1.4)	0.066 TI	ND (<0.070)	0.49 TI	ND (<0.46)	ND (<0.15)	ND (<0.23)	ND (<4.3)	20
CSM85	ND (<0.066)	ND (<0.050)	ND (<1.1)	0.073 TI	ND (<0.048)	ND (<0.23)	ND (<0.27)	ND (<0.12)	ND (<0.21)	ND (<3.9)	20
CSM86	ND (<0.095)	ND (<0.064)	ND (<1.3)	ND (<0.057)	ND (<0.059)	ND (<0.31)	ND (<0.35)	ND (<0.11)	ND (<0.27)	ND (<4.7)	20
CSM87	ND (<0.089)	ND (<0.076)	ND (<1.3)	ND (<0.57)	ND (<0.061)	ND (<0.34)	ND (<0.36)	ND (<0.11)	ND (<0.29)	ND (<4.1)	18
CSM88	ND (<0.082)	ND (<0.070)	ND (<1.2)	ND (<0.064)	ND (<0.060)	ND (<0.28)	ND (<0.32)	ND (<0.07)	ND (<0.26)	ND (<3.9)	18
CSM89	ND (<0.14)	ND (<0.069)	ND (<1.7)	ND (<0.069)	ND (<0.088)	0.68 TI	ND (<0.44)	ND (<0.22)	ND (<0.28)	ND (<5.2)	21
CSM90	ND (<0.11)	ND (<0.087)	ND (<1.6)	0.150 TI	ND (<0.072)	ND (<0.35)	ND (<0.41)	ND (<0.18)	ND (<0.29)	ND (<4.6)	23
CSM90DUP	ND (<0.13)	ND (<0.078)	ND (<1.5)	ND (<0.063)	ND (<0.068)	ND (<0.37)	ND (<0.40)	ND (<0.18)	ND (<0.30)	ND (<4.8)	20
CSM91	ND (<0.15)	ND (<0.082)	ND (<1.7)	ND (<0.085)	ND (<0.095)	ND (<0.38)	ND (<0.41)	ND (<0.19)	ND (<0.31)	ND (<5.4)	20
CSM92	ND (<0.10)	ND (<0.076)	ND (<1.7)	ND (<0.063)	ND (<0.063)	0.59 TI	ND (<0.50)	ND (<0.16)	ND (<0.30)	ND (<5.3)	14
CSM93	ND (<0.071)	ND (<0.058)	ND (<1.1)	0.047 TI	ND (<0.051)	ND (<0.30)	ND (<0.29)	ND (<0.14)	ND (<0.25)	ND (<3.9)	21
CSM94	ND (<0.069)	ND (<0.053)	ND (<1.2)	0.083 TI	ND (<0.051)	ND (<0.25)	ND (<0.26)	ND (<0.07)	ND (<0.20)	ND (<4.1)	20
CSM95	ND (<0.12)	ND (<0.076)	ND (<1.6)	ND (<0.068)	ND (<0.066)	0.39 TI	ND (<0.42)	ND (<0.14)	ND (<0.30)	ND (<6.1)	19
CSM96	ND (<0.13)	ND (<0.059)	ND (<1.6)	ND (<0.069)	ND (<0.078)	0.82 TI	0.44 TI	ND (<0.23)	ND (<0.25)	ND (<5.3)	19
CSM97	ND (<0.41)	ND (<0.20)	ND (<5.6)	0.27 TI	ND (<0.27)	7.3 TI	ND (<1.50)	ND (<0.56)	ND (<0.80)	ND (<1.7)	7.3
CSM98	ND (<0.25)	ND (<0.12)	ND (<3.2)	2.1 TI	ND (<0.140)	2.9 TI	ND (<0.87)	ND (<0.36)	ND (<0.63)	ND (<10)	14
CSM99	ND (<0.14)	ND (<0.072)	ND (<1.6)	0.10 TI	ND (<0.067)	ND (<0.36)	ND (<0.39)	0.22	ND (<0.31)	ND (<5.7)	24
CSM100	ND (<0.20)	ND (<0.093)	ND (<2.6)	ND (<0.083)	ND (<0.12)	1.2 TI	ND (<0.72)	ND (<0.27)	ND (<0.54)	ND (<8.6)	18
CSM100DUP	ND (<0.12)	ND (<0.088)	ND (<1.9)	0.097 TI	ND (<0.099)	0.29 TI	ND (<0.45)	ND (<0.22)	ND (<0.36)	ND (<6.5)	23
CSM101	ND (<0.15)	ND (<0.082)	ND (<1.9)	ND (<0.059)	ND (<0.072)	0.65 TI	ND (<0.49)	ND (<0.26)	ND (<0.33)	ND (<6.3)	20
CSM102	ND (<0.13)	ND (<0.060)	ND (<1.5)	ND (<0.058)	ND (<0.080)	ND (<0.50)	ND (<0.34)	0.10	ND (<0.24)	ND (<5.9)	17
CSM103	ND (<0.11)	ND (<0.076)	ND (<1.7)	ND (<0.065)	ND (<0.069)	ND (<0.30)	ND (<0.57)	ND (<0.14)	ND (<0.31)	ND (<6.5)	18
CSM104	ND (<0.12)	ND (<0.062)	ND (<1.5)	ND (<0.061)	ND (<0.073)	ND (<0.45)	ND (<0.30)	ND (<0.12)	ND (<0.25)	ND (<5.1)	20
CSM105	ND (<0.093)	ND (<0.058)	ND (<1.5)	0.078 TI	ND (<0.078)	ND (<0.20)	ND (<0.31)	ND (<0.19)	ND (<0.24)	ND (<5.5)	13
CSM106	ND (<0.084)	ND (<0.071)	ND (<1.3)	ND (<0.056)	ND (<0.088)	ND (<0.33)	ND (<0.32)	ND (<0.11)	ND (<0.28)	ND (<4.7)	24
CSM107	ND (<0.095)	ND (<0.063)	ND (<1.3)	ND (<0.055)	ND (<0.076)	0.54 TI	ND (<0.47)	ND (<0.12)	ND (<0.25)	ND (<5.6)	12
CSM108	ND (<0.11)	ND (<0.052)	ND (<1.3)	0.078 TI	ND (<0.069)	0.25 TI	ND (<0.42)	ND (<0.14)	ND (<0.21)	ND (<4.8)	9.2
CSM109	ND (<0.080)	ND (<0.065)	ND (<1.5)	ND (<0.055)	ND (<0.060)	0.47 TI	ND (<0.34)	ND (<0.14)	ND (<0.25)	ND (<5.1)	20
CSM110	ND (<0.11)	ND (<0.069)	ND (<1.8)	ND (<0.065)	ND (<0.071)	ND (<0.32)	ND (<0.40)	ND (<0.17)	ND (<0.30)	ND (<6.7)	29
CSM110DUP	ND (<0.097)	ND (<0.065)	ND (<1.7)	ND (<0.063)	ND (<0.067)	ND (<0.30)	ND (<0.32)	0.20	ND (<0.29)	ND (<5.8)	24
CSM111	ND (<0.089)	ND (<0.060)	ND (<1.5)	ND (<0.058)	ND (<0.052)	ND (<0.25)	ND (<0.29)	ND (<0.15)	ND (<0.24)	ND (<6.5)	18
CSM112	ND (<0.061)	ND (<0.046)	ND (<1.2)	ND (<0.53)	ND (<0.045)	0.23 TI	ND (<0.23)	ND (<0.13)	ND (<0.19)	ND (<5.1)	21
CSM113	ND (<0.13)	ND (<0.067)	ND (<1.7)	0.12 TI	ND (<0.080)	ND (<0.30)	ND (<0.35)	ND (<0.17)	ND (<0.28)	ND (<6.6)	20
CSM114	ND (<0.19)	ND (<0.084)	ND (<2.3)	ND (<0.070)	ND (<0.11)	ND (<0.67)	ND (<0.63)	ND (<0.22)	ND (<0.33)	ND (<8.9)	19
CSM115	ND (<0.12)	ND (<0.078)	ND (<1.8)	ND (<0.80)	ND (<0.075)	ND (<0.43)	ND (<0.62)	ND (<0.15)	ND (<0.35)	ND (<7.0)	18
CSM116	ND (<0.12)	ND (<0.091)	ND (<1.9)	ND (<0.073)	ND (<0.081)	ND (<0.36)	ND (<0.49)	ND (<0.15)	ND (<0.36)	ND (<8.5)	16
CSM117	ND (<0.094)	ND (<0.068)	ND (<1.7)	ND (<0.058)	ND (<0.095)	0.46 TI	ND (<0.48)	ND (<0.15)	ND (<0.28)	ND (<6.6)	14
CSM118	ND (<0.14)	ND (<0.097)	ND (<2.2)	ND (<0.090)	ND (<0.085)	ND (<0.52)	ND (<0.53)	ND (<0.23)	ND (<0.41)	ND (<8.7)	19
CSM119	ND (<0.083)	ND (<0.047)	ND (<1.4)	ND (<0.048)	ND (<0.047)	0.26 TI	ND (<0.29)	ND (<0.13)	ND (<0.22)	ND (<5.9)	18
CSM120	ND (<0.087)	ND (<0.060)	ND (<1.3)	ND (<0.052)	ND (<0.053)	ND (<0.27)	ND (<0.32)	ND (<0.10)	ND (<0.26)	ND (<5.8)	18
CSM120DUP	ND (<0.089)	ND (<0.063)	ND (<1.4)	ND (<0.058)	ND (<0.060)	ND (<0.24)	ND (<0.31)	0.10 TI	ND (<0.25)	ND (<6.7)	17
CSM121	ND (<0.11)	ND (<0.051)	ND (<1.4)	0.070 TI	ND (<0.069)	0.29 TI	ND (<0.28)	ND (<0.14)	ND (<0.22)	ND (<5.6)	18
CSM122	ND (<0.079)	ND (<0.055)	ND (<1.5)	ND (<0.055)	ND (<0.055)	ND (<0.25)	ND (<0.31)	ND (<0.12)	ND (<0.26)	ND (<6.3)	16
CSM123	ND (<0.10)	ND (<0.079)	ND (<1.7)	ND (<0.074)	ND (<0.068)	ND (<0.33)	ND (<0.38)	ND (<0.18)	ND (<0.33)	ND (<7.0)	19
CSM124	ND (<0.12)	ND (<0.094)	ND (<1.9)	ND (<0.83)	ND (<0.080)	ND (<0.43)	ND (<0.45)	ND (<0.19)	ND (<0.38)	ND (<7.2)	26
CSM125	ND (<0.12)	ND (<0.079)	ND (<2.2)	ND (<0.068)	0.076	0.41 TI	ND (<0.58)	ND (<0.20)	ND (<0.32)	ND (<9.0)	16

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155	Fe-59	I-131	K-40
CSM126	ND (<0.097)	ND (<0.045)	ND (<1.2)	ND (<0.55)	ND (<0.059)	ND (<0.20)	ND (<0.24)	ND (<0.12)	ND (<0.20)	ND (<5.7)	24
CSM127	ND (<0.18)	ND (<0.091)	ND (<2.1)	ND (<0.072)	ND (<0.075)	ND (<0.69)	ND (<0.45)	ND (<0.18)	ND (<0.36)	ND (<10)	27
CSM128	ND (<0.098)	ND (<0.061)	ND (<1.8)	ND (<0.059)	ND (<0.086)	ND (<0.52)	ND (<0.35)	ND (<0.13)	ND (<0.29)	ND (<7.7)	21
CSM129	ND (<0.080)	ND (<0.064)	ND (<1.3)	ND (<0.072)	ND (<0.052)	ND (<0.29)	ND (<0.35)	ND (<0.12)	ND (<0.28)	ND (<5.5)	23
CSM130	ND (<0.100)	ND (<0.077)	ND (<1.5)	ND (<0.060)	ND (<0.061)	ND (<0.31)	ND (<0.34)	ND (<0.12)	ND (<0.30)	ND (<7.2)	23
CSM130DUP	ND (<0.069)	ND (<0.054)	ND (<1.3)	ND (<0.030)	ND (<0.046)	ND (<0.25)	ND (<0.27)	0.15 TI	ND (<0.22)	ND (<5.5)	25
CSM131	ND (<0.081)	ND (<0.062)	ND (<1.5)	ND (<0.053)	ND (<0.061)	ND (<0.19)	ND (<0.31)	0.15 TI	ND (<0.26)	ND (<6.1)	21
CSM132	ND (<0.110)	ND (<0.066)	ND (<1.7)	ND (<0.055)	ND (<0.082)	ND (<0.31)	ND (<0.34)	0.19 TI	ND (<0.29)	ND (<7.2)	22
CSM133	ND (<0.072)	ND (<0.054)	ND (<1.3)	ND (<0.049)	ND (<0.050)	ND (<0.26)	ND (<0.28)	ND (<0.16)	ND (<0.23)	ND (<6.1)	19
CSM134	ND (<0.120)	ND (<0.087)	ND (<2.3)	ND (<0.054)	ND (<0.079)	ND (<0.67)	ND (<0.44)	ND (<0.19)	ND (<0.39)	ND (<9.0)	19
CSM135	ND (<0.170)	ND (<0.11)	ND (<3.4)	ND (<0.11)	ND (<0.150)	2.7 TI	ND (<0.65)	ND (<0.37)	ND (<0.48)	ND (<15)	21
CSM136	ND (<0.190)	ND (<0.089)	ND (<3.8)	0.098 TI	0.097	ND (<0.88)	ND (<0.67)	ND (<0.28)	ND (<0.49)	ND (<9.6)	22
CSM137	ND (<0.110)	ND (<0.078)	ND (<1.8)	0.089 TI	0.061	ND (<0.39)	ND (<0.38)	ND (<0.14)	ND (<0.35)	ND (<7.0)	20
CSM138	ND (<0.150)	ND (<0.077)	ND (<2.0)	0.094 TI	ND (<0.091)	0.63 TI	ND (<0.36)	ND (<0.20)	ND (<0.30)	ND (<8.2)	24
CSM139	ND (<0.098)	ND (<0.077)	ND (<2.7)	ND (<0.046)	ND (<0.061)	ND (<0.37)	ND (<0.38)	ND (<0.17)	ND (<0.33)	ND (<6.9)	36
CSM140	ND (<0.110)	ND (<0.075)	ND (<1.7)	ND (<0.084)	ND (<0.064)	ND (<0.31)	ND (<0.39)	ND (<0.17)	ND (<0.31)	ND (<7.2)	21
CSM140DUP	ND (<0.120)	ND (<0.069)	ND (<1.4)	ND (<0.046)	ND (<0.059)	ND (<0.36)	ND (<0.33)	ND (<0.17)	ND (<0.29)	ND (<6.3)	23
CSM141	ND (<0.088)	ND (<0.059)	ND (<1.4)	ND (<0.054)	ND (<0.052)	ND (<0.25)	ND (<0.29)	ND (<0.11)	ND (<0.25)	ND (<6.5)	23
CSM142	ND (<0.081)	ND (<0.054)	ND (<1.4)	ND (<0.047)	ND (<0.039)	0.38 TI	ND (<0.24)	0.18	ND (<0.22)	ND (<6.6)	24
CSM143	ND (<0.110)	ND (<0.051)	ND (<1.4)	ND (<0.60)	0.091	0.28 TI	ND (<0.27)	0.19 TI	ND (<0.23)	ND (<6.2)	32
CSM144	ND (<0.097)	ND (<0.072)	ND (<1.6)	ND (<0.067)	ND (<0.083)	ND (<0.34)	ND (<0.35)	ND (<0.14)	ND (<0.31)	ND (<6.7)	19
CSM145	ND (<0.058)	ND (<0.042)	ND (<1.1)	0.049 TI	ND (<0.037)	ND (<0.15)	ND (<0.22)	ND (<0.10)	ND (<0.18)	ND (<4.8)	25
CSM146	ND (<0.077)	ND (<0.048)	ND (<1.1)	ND (<0.045)	ND (<0.046)	ND (<0.20)	ND (<0.26)	ND (<0.12)	ND (<0.22)	ND (<9.6)	18
CSM147	ND (<0.10)	ND (<0.072)	ND (<1.9)	ND (<0.062)	ND (<0.064)	ND (<0.63)	ND (<0.37)	ND (<0.17)	ND (<0.31)	ND (<8.6)	17
CSM148	ND (<0.11)	ND (<0.077)	ND (<1.8)	ND (<0.060)	ND (<0.072)	ND (<0.41)	ND (<0.40)	ND (<0.19)	ND (<0.35)	ND (<8.0)	19
CSM149	ND (<0.073)	ND (<0.045)	ND (<1.4)	ND (<0.045)	0.038	0.63 TI	ND (<0.26)	ND (<0.13)	ND (<0.28)	ND (<6.8)	18
CSM150	ND (<0.11)	ND (<0.052)	ND (<1.3)	ND (<0.041)	ND (<0.046)	ND (<0.25)	ND (<0.26)	ND (<0.15)	ND (<0.22)	ND (<6.6)	19
CSM150DUP	ND (<0.073)	ND (<0.053)	ND (<1.4)	0.073 TI	ND (<0.049)	ND (<0.26)	ND (<0.26)	ND (<0.13)	ND (<0.22)	ND (<6.3)	18
CSM151	ND (<0.071)	ND (<0.042)	ND (<1.2)	ND (<0.037)	ND (<0.054)	ND (<0.19)	ND (<0.23)	ND (<0.10)	ND (<0.19)	ND (<5.5)	21
CSM152	ND (<0.20)	ND (<0.14)	ND (<4.2)	ND (<0.11)	0.570	ND (<1.6)	ND (<0.73)	ND (<0.35)	ND (<0.95)	ND (<18)	23
CSM153	ND (<0.070)	ND (<0.047)	ND (<1.0)	ND (<0.039)	ND (<0.050)	ND (<0.20)	ND (<0.24)	ND (<0.04)	ND (<0.21)	ND (<5.7)	26
CSM154	ND (<0.082)	ND (<0.057)	ND (<1.3)	0.073 TI	ND (<0.048)	ND (<0.19)	ND (<0.30)	ND (<0.12)	ND (<0.25)	ND (<5.9)	26
CSM155	ND (<0.11)	ND (<0.080)	ND (<1.9)	0.059 TI	ND (<0.060)	ND (<0.41)	ND (<0.38)	ND (<0.15)	ND (<0.36)	ND (<9.0)	19
CSM156	ND (<0.15)	ND (<0.068)	ND (<3.0)	0.16 TI	0.40	0.80 TI	ND (<0.35)	ND (<0.23)	ND (<0.29)	ND (<9.6)	19
CSM157	ND (<0.13)	ND (<0.062)	ND (<1.6)	ND (<0.060)	0.25	0.48 TI	ND (<0.30)	ND (<0.15)	ND (<0.26)	ND (<7.6)	18
CSM158	ND (<0.17)	ND (<0.093)	ND (<2.1)	ND (<0.077)	0.15	0.88 TI	ND (<0.46)	ND (<0.17)	ND (<0.38)	ND (<9.1)	21
CSM159	ND (<0.25)	ND (<0.11)	ND (<3.3)	ND (<0.075)	0.21	ND (<0.97)	ND (<0.55)	ND (<0.30)	ND (<0.46)	ND (<14)	26
CSM160	ND (<0.11)	ND (<0.077)	ND (<2.2)	ND (<0.071)	0.060	0.51 TI	ND (<0.43)	ND (<0.17)	ND (<0.36)	ND (<9.7)	26
CSM161	ND (<0.12)	ND (<0.084)	ND (<1.9)	ND (<0.059)	0.11	0.62 TI	ND (<0.44)	ND (<0.17)	ND (<0.35)	ND (<11)	26
CSM162	ND (<0.08)	ND (<0.057)	ND (<1.5)	ND (<0.68)	0.059	0.19 TI	ND (<0.29)	ND (<0.14)	ND (<0.25)	ND (<7.6)	19
CSM163	ND (<0.10)	ND (<0.060)	ND (<1.6)	ND (<0.053)	ND (<0.060)	0.31 TI	ND (<0.32)	ND (<0.13)	ND (<0.29)	ND (<8.5)	26
CSM164(EAST)	ND (<0.10)	ND (<0.072)	ND (<2.3)	ND (<0.063)	ND (<0.071)	1.6 TI	ND (<0.53)	ND (<0.18)	ND (<0.36)	ND (<10)	19
CSM165(WEST)	ND (<0.13)	ND (<0.079)	ND (<1.7)	ND (<0.055)	ND (<0.094)	0.41 TI	ND (<0.52)	ND (<0.17)	ND (<0.33)	ND (<6.7)	18
CSMBL1	ND (<0.08)	ND (<0.049)	ND (<1.3)	ND (<0.045)	ND (<0.048)	ND (<0.19)	ND (<0.27)	ND (<0.17)	ND (<0.22)	ND (<7.5)	26
CSMBL2	ND (<0.14)	ND (<0.057)	ND (<1.7)	ND (<0.055)	ND (<0.060)	ND (<0.28)	ND (<0.32)	ND (<0.13)	ND (<0.28)	ND (<8.4)	27
CSMBKG1	ND (<0.12)	ND (<0.088)	ND (<2.1)	ND (<0.064)	0.18	ND (<0.36)	ND (<0.46)	ND (<0.18)	ND (<0.39)	ND (<12)	22

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155	Fe-59	I-131	K-40
CSMBKG2	ND (<0.093)	ND (<0.059)	ND (<1.7)	ND (<0.054)	0.20	ND (<0.26)	ND (<0.33)	ND (<0.15)	ND (<0.27)	ND (<11)	24
CSMBKG3	ND (<0.12)	ND (<0.053)	ND (<1.7)	ND (<0.59)	0.25	ND (<0.27)	ND (<0.30)	ND (<0.19)	ND (<0.27)	ND (<10)	26
CSMBKG4	ND (<0.075)	ND (<0.052)	ND (<1.6)	ND (<0.61)	0.13	ND (<0.18)	ND (<0.27)	ND (<0.18)	ND (<0.25)	ND (<9.8)	29

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Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214	Ra-226	Ra-228	Ru-106	Sb-124
CSM1	ND (<0.081)	ND (<0.078)	ND (<0.073)	ND (<0.17)	ND (<12)	1.9	2.0	2.4	1.4	ND (<0.69)	ND (<0.19)
CSM1DUP	ND (<0.074)	ND (<0.090)	ND (<0.066)	ND (<0.17)	ND (<13)	1.8	2.3	2.7	1.7	ND (<0.67)	ND (<0.10)
CSM2	ND (<0.11)	ND (<0.16)	ND (<0.095)	ND (<0.19)	ND (<16)	3.2	4.1	4.9	2.8	ND (<0.93)	ND (<0.16)
CSM3	ND (<0.10)	ND (<0.10)	ND (<0.068)	ND (<0.13)	ND (<16)	1.5	15	18	1.1	ND (<0.61)	ND (<0.23)
CSM4	ND (<0.081)	ND (<0.080)	ND (<0.067)	ND (<0.20)	ND (<12)	1.4	7.0	8.6	1.3	ND (<0.63)	ND (<0.11)
CSM5	ND (<0.061)	ND (<0.060)	ND (<0.050)	ND (<0.15)	ND (<14)	2.7	3.9	4.8	2.5	ND (<0.51)	ND (<0.085)
CSM6	ND (<0.12)	ND (<0.13)	ND (<0.099)	ND (<0.30)	ND (<19)	1.3	6.5	8.0	1.4	ND (<0.91)	ND (<0.15)
CSM7	ND (<0.090)	ND (<0.092)	ND (<0.088)	ND (<0.20)	ND (<14)	1.6	5.3	6.9	1.6	ND (<0.76)	ND (<0.12)
CSM8	ND (<0.069)	ND (<0.054)	0.048	ND (<0.09)	ND (<7.8)	0.76	4.3	5.2	0.68	ND (<0.45)	ND (<0.18)
CSM9	ND (<0.069)	ND (<0.074)	ND (<0.063)	ND (<0.18)	ND (<10)	1.9	8.0	9.8	1.8	ND (<0.59)	ND (<0.10)
CSM10	ND (<0.071)	ND (<0.064)	ND (<0.056)	ND (<0.11)	ND (<11)	1.9	6.3	7.5	1.8	ND (<0.55)	ND (<0.087)
CSM10DUP	ND (<0.068)	ND (<0.10)	ND (<0.061)	ND (<0.17)	ND (<11)	1.4	4.9	5.9	1.5	ND (<0.54)	ND (<0.093)
CSM11	ND (<0.076)	ND (<0.075)	ND (<0.071)	ND (<0.18)	ND (<12)	2.6	3.5	4.6	2.6	ND (<0.60)	ND (<0.095)
CSM12	ND (<0.048)	ND (<0.058)	ND (<0.047)	ND (<0.10)	ND (<10)	1.6	1.6	1.8	1.4	ND (<0.46)	0.10 TI
CSM13	ND (<0.10)	ND (<0.11)	ND (<0.081)	ND (<0.22)	ND (<14)	4.4	2.4	3.1	4.0	ND (<0.80)	ND (<0.13)
CSM14	ND (<0.051)	ND (<0.077)	ND (<0.072)	ND (<0.18)	ND (<11)	3.4	1.8	2.3	3.2	ND (<0.65)	ND (<0.11)
CSM15	ND (<0.074)	ND (<0.074)	ND (<0.068)	ND (<0.17)	ND (<11)	1.9	1.8	2.3	1.8	ND (<0.64)	ND (<0.10)
CSM16	ND (<0.088)	ND (<0.083)	ND (<0.050)	ND (<0.15)	ND (<13)	2.8	3.2	3.9	2.7	ND (<0.70)	ND (<0.11)
CSM17	ND (<0.096)	ND (<0.098)	ND (<0.083)	ND (<0.23)	ND (<16)	2.0	6.1	7.4	1.8	ND (<0.76)	ND (<0.13)
CSM18	ND (<0.071)	ND (<0.073)	ND (<0.071)	ND (<0.17)	ND (<11)	1.8	2.1	2.8	1.6	ND (<0.58)	ND (<0.099)
CSM19	0.087 TI	ND (<0.077)	ND (<0.050)	ND (<0.13)	15	1.5	9.7	12	1.4	ND (<0.60)	ND (<0.10)
CSM20	ND (<0.073)	ND (<0.10)	ND (<0.062)	ND (<0.13)	ND (<8.2)	1.6	2.7	3.3	1.3	ND (<0.63)	ND (<0.15)
CSM20DUP	ND (<0.065)	ND (<0.067)	0.053 TI	ND (<0.11)	ND (<12)	1.8	4.7	5.7	1.6	ND (<0.54)	0.17 TI
CSM21	ND (<0.073)	ND (<0.087)	ND (<0.070)	ND (<0.16)	ND (<11)	3.6	1.6	1.9	3.1	ND (<0.61)	ND (<0.10)
CSM22	ND (<0.066)	ND (<0.072)	ND (<0.058)	ND (<0.15)	ND (<9.3)	2.3	1.7	2.1	2.1	ND (<0.53)	ND (<0.09)
CSM23	ND (<0.079)	ND (<0.080)	ND (<0.064)	ND (<0.16)	ND (<12)	1.6	2.1	2.7	1.3	ND (<0.65)	ND (<0.11)
CSM24	ND (<0.061)	ND (<0.068)	ND (<0.054)	ND (<0.13)	ND (<9.3)	1.8	1.5	1.8	1.5	ND (<0.53)	0.12 TI
CSM25	ND (<0.18)	ND (<0.20)	0.074	ND (<0.27)	31	2.8	32	38	2.2	ND (<0.89)	0.30 TI
CSM26	ND (<0.13)	ND (<0.13)	0.16	ND (<0.30)	57	4.1	45	58	3.9	ND (<1.0)	ND (<0.18)
CSM27	ND (<0.10)	ND (<0.10)	0.12	ND (<0.24)	16	3.4	22	28	3.0	ND (<0.79)	ND (<0.15)
CSM28	ND (<0.11)	ND (<0.11)	ND (<0.085)	ND (<0.16)	15	6.2	15	18	5.7	ND (<0.60)	0.11 TI
CSM29	ND (<0.050)	ND (<0.067)	ND (<0.055)	ND (<0.17)	14	3.4	4.2	5.1	3.2	ND (<0.52)	ND (<0.090)
CSM30	ND (<0.10)	ND (<0.10)	ND (<0.046)	ND (<0.14)	17	2.3	18	22	2.1	ND (<0.60)	0.11 TI
CSM30DUP	ND (<0.16)	ND (<0.18)	ND (<0.120)	ND (<0.23)	ND (<17)	1.9	14	17	1.7	ND (<0.84)	ND (<0.15)
CSM31	0.20 TI	ND (<0.13)	0.22	0.28	68	2.5	43	52	2.3	ND (<0.95)	ND (<0.17)
CSM32	ND (<0.066)	ND (<0.081)	ND (<0.066)	ND (<0.16)	ND (<11)	3.2	5.2	6.3	2.8	ND (<0.66)	ND (<0.10)
CSM33	ND (<0.061)	ND (<0.088)	ND (<0.045)	ND (<0.17)	17	2.9	5.1	6.6	2.7	ND (<0.49)	ND (<0.09)
CSM34	ND (<0.050)	ND (<0.053)	ND (<0.044)	0.14 TI	ND (<7.3)	2.8	2.5	3.0	2.5	ND (<0.42)	0.08 TI
CSM35	ND (<0.11)	ND (<0.068)	ND (<0.062)	ND (<0.14)	27	2.7	15	18	2.3	ND (<0.56)	ND (<0.15)
CSM36	ND (<0.054)	ND (<0.060)	ND (<0.049)	ND (<0.11)	ND (<9.2)	2.1	2.4	2.9	1.9	ND (<0.46)	ND (<0.076)
CSM37	ND (<0.074)	ND (<0.087)	ND (<0.066)	ND (<0.16)	ND (<8.4)	2.8	1.4	1.7	2.5	ND (<0.62)	ND (<0.10)
CSM38	ND (<0.057)	ND (<0.061)	ND (<0.048)	ND (<0.11)	ND (<8.0)	2.9	2.1	2.4	2.6	ND (<0.48)	ND (<0.084)
CSM39	ND (<0.075)	ND (<0.069)	ND (<0.069)	0.12	35	2.1	4.1	5.3	1.7	ND (<0.62)	ND (<0.099)
CSM40	ND (<0.10)	ND (<0.099)	0.089	0.18	41	2.7	19	24	2.5	ND (<0.80)	ND (<0.14)
CSM40DUP	ND (<0.11)	ND (<0.12)	0.13	ND (<0.32)	39	2.4	19	24	2.1	ND (<0.93)	ND (<0.17)
CSM41	0.12	ND (<0.080)	ND (<0.10)	ND (<0.22)	17	6.8	12	16	7.3	ND (<0.68)	ND (<0.12)

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214	Ra-226	Ra-228	Ru-106	Sb-124
CSM42	ND (<0.18)	ND (<0.18)	ND (<0.090)	ND (<0.27)	22	6.5	24	28	5.9	ND (<0.93)	ND (<0.17)
CSM43	ND (<0.073)	ND (<0.074)	ND (<0.042)	ND (<0.11)	13	2.8	6.5	7.7	2.4	ND (<0.41)	0.13 TI
CSM44	ND (<0.082)	ND (<0.081)	ND (<0.070)	ND (<0.20)	12 TI	2.1	3.1	4.0	1.8	ND (<0.66)	ND (<0.12)
CSM45	ND (<0.061)	ND (<0.066)	ND (<0.050)	ND (<0.12)	ND (<8.3)	1.5	1.6	2.0	1.4	ND (<0.51)	ND (<0.091)
CSM46	ND (<0.065)	ND (<0.094)	ND (<0.055)	ND (<0.12)	ND (<8.7)	1.6	4.2	5.0	1.3	ND (<0.55)	0.13 TI
CSM47	ND (<0.14)	ND (<0.087)	0.079	ND (<0.21)	35	2.5	18	23	2.3	ND (<0.73)	ND (<0.13)
CSM48	ND (<0.068)	ND (<0.068)	ND (<0.058)	ND (<0.13)	26	3.0	3.9	4.7	2.6	ND (<0.59)	0.12 TI
CSM49	ND (<0.092)	ND (<0.11)	ND (<0.081)	ND (<0.23)	ND (<14)	2.4	4.8	5.9	2.0	ND (<0.72)	ND (<0.12)
CSM50	ND (<0.063)	ND (<0.071)	ND (<0.059)	ND (<0.14)	ND (<9.3)	1.5	1.5	1.9	1.3	ND (<0.53)	ND (<0.096)
CSM50DUP	ND (<0.066)	ND (<0.068)	ND (<0.059)	ND (<0.17)	ND (<10)	1.8	1.9	2.4	1.8	ND (<0.57)	ND (<0.10)
CSM51	ND (<0.089)	ND (<0.13)	ND (<0.047)	ND (<0.21)	60	1.9	11	14	2.1	ND (<0.73)	ND (<0.12)
CSM52	ND (<0.051)	ND (<0.074)	ND (<0.043)	0.11 TI	ND (<6.2)	1.8	3.2	3.8	1.5	ND (<0.42)	0.17 TI
CSM53	ND (<0.072)	ND (<0.071)	ND (<0.067)	ND (<0.15)	ND (<8.9)	1.6	10	13	1.5	ND (<0.60)	ND (<0.10)
CSM54	ND (<0.33)	0.22	0.49	ND (<0.47)	ND (<29)	3.3	88	100	2.2	ND (<2.1)	74 TI
CSM55	ND (<0.15)	ND (<0.087)	0.089	ND (<0.18)	22	2.9	19	23	2.7	ND (<0.74)	ND (<0.081)
CSM56	ND (<0.067)	ND (<0.081)	ND (<0.086)	ND (<0.16)	ND (<12)	1.8	3.2	3.8	1.8	ND (<0.56)	ND (<0.097)
CSM57	ND (<0.054)	ND (<0.058)	ND (<0.046)	ND (<0.10)	ND (<7.0)	2.3	3.1	3.8	2.3	ND (<0.48)	0.13 TI
CSM58	ND (<0.056)	ND (<0.065)	ND (<0.054)	ND (<0.17)	ND (<6.9)	1.2	3.7	4.8	1.2	ND (<0.49)	ND (<0.094)
CSM59	ND (<0.073)	ND (<0.065)	ND (<0.063)	ND (<0.14)	ND (<10)	3.4	1.7	2.0	3.2	ND (<0.61)	ND (<0.098)
CSM60	ND (<0.050)	ND (<0.056)	ND (<0.042)	ND (<0.10)	ND (<7.3)	2.3	1.6	1.8	2.1	ND (<0.42)	ND (<0.17)
CSM60DUP	ND (<0.069)	ND (<0.078)	ND (<0.060)	ND (<0.16)	ND (<11)	2.2	1.5	1.9	2.1	ND (<0.55)	ND (<0.098)
CSM61	ND (<0.072)	ND (<0.071)	ND (<0.056)	ND (<0.14)	ND (<10)	2.1	4.3	5.2	1.8	ND (<0.56)	ND (<0.090)
CSM62	ND (<0.057)	ND (<0.056)	ND (<0.049)	ND (<0.13)	ND (<8.5)	1.7	1.6	1.9	1.5	ND (<0.47)	ND (<0.087)
CSM63	ND (<0.051)	ND (<0.053)	ND (<0.043)	ND (<0.11)	ND (<9.0)	1.8	1.2	1.5	1.7	ND (<0.45)	ND (<0.13)
CSM64	ND (<0.066)	ND (<0.068)	ND (<0.056)	ND (<0.15)	ND (<10)	1.5	1.3	1.7	1.3	ND (<0.50)	ND (<0.095)
CSM65	ND (<0.092)	ND (<0.10)	ND (<0.045)	ND (<0.14)	ND (<11)	1.9	11	13	1.8	ND (<0.54)	ND (<0.20)
CSM66	ND (<0.080)	ND (<0.082)	ND (<0.050)	ND (<0.13)	15	2.9	9.5	12	2.7	ND (<0.46)	0.14 TI
CSM67	0.080	ND (<0.087)	ND (<0.069)	ND (<0.21)	ND (<13)	3.6	7.2	9.1	3.3	ND (<0.68)	ND (<0.12)
CSM68	ND (<0.11)	ND (<0.12)	ND (<0.051)	ND (<0.16)	ND (<12)	2.7	5.8	7.0	2.5	ND (<0.60)	ND (<0.11)
CSM69	ND (<0.067)	ND (<0.085)	ND (<0.061)	ND (<0.14)	ND (<10)	3.3	2.7	3.1	3.0	ND (<0.56)	ND (<0.095)
CSM70	ND (<0.043)	ND (<0.057)	ND (<0.050)	ND (<0.14)	ND (<7.8)	2.7	2.7	3.4	2.9	ND (<0.50)	ND (<0.089)
CSM70DUP	ND (<0.080)	ND (<0.093)	ND (<0.073)	ND (<0.19)	ND (<12)	2.7	2.8	3.4	2.4	ND (<0.59)	ND (<0.11)
CSM71	ND (<0.068)	ND (<0.069)	ND (<0.062)	ND (<0.17)	ND (<8.9)	3.5	4.2	5.5	3.2	ND (<0.58)	ND (<0.10)
CSM72	ND (<0.063)	ND (<0.064)	ND (<0.058)	ND (<0.15)	ND (<9.4)	1.7	1.6	2.1	1.6	ND (<0.55)	ND (<0.097)
CSM73	ND (<0.072)	ND (<0.095)	ND (<0.068)	ND (<0.11)	ND (<12)	2.9	1.3	1.4	2.8	ND (<0.59)	ND (<0.11)
CSM74	ND (<0.070)	ND (<0.076)	ND (<0.059)	ND (<0.17)	ND (<11)	1.4	1.1	1.4	1.4	ND (<0.59)	ND (<0.11)
CSM75	ND (<0.062)	ND (<0.067)	ND (<0.057)	ND (<0.15)	ND (<9.2)	1.4	1.1	1.3	1.3	ND (<0.56)	ND (<0.28)
CSM76	ND (<0.056)	ND (<0.083)	ND (<0.045)	0.13 TI	ND (<9.0)	1.4	1.4	1.7	1.3	ND (<0.50)	0.12 TI
CSM77	ND (<0.090)	ND (<0.088)	ND (<0.073)	ND (<0.20)	ND (<13)	1.9	6.8	8.3	1.8	ND (<0.76)	ND (<0.12)
CSM78	ND (<0.051)	ND (<0.047)	ND (<0.045)	ND (<0.12)	ND (<8.0)	1.3	1.1	1.3	1.1	ND (<0.43)	ND (<0.079)
CSM79	ND (<0.042)	ND (<0.060)	ND (<0.034)	0.078 TI	ND (<6.6)	1.4	1.7	2.1	1.2	ND (<0.37)	ND (<0.19)
CSM80	ND (<0.049)	ND (<0.056)	ND (<0.046)	ND (<0.14)	ND (<7.5)	2.4	2.0	2.4	2.3	ND (<0.46)	ND (<0.086)
CSM80DUP	ND (<0.040)	ND (<0.054)	ND (<0.052)	ND (<0.15)	ND (<8.8)	1.8	1.7	2.1	1.7	ND (<0.47)	ND (<0.088)
CSM81	0.061	ND (<0.073)	ND (<0.057)	ND (<0.15)	ND (<10)	2.5	1.5	1.8	2.2	ND (<0.56)	ND (<0.10)
CSM82	ND (<0.18)	ND (<0.11)	0.14	ND (<0.25)	56	2.5	38	46	2.4	ND (<0.89)	ND (<0.17)
CSM83	ND (<0.063)	ND (<0.069)	ND (<0.065)	ND (<0.21)	ND (<11)	1.9	4.8	6.2	1.9	ND (<0.53)	ND (<0.11)

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214	Ra-226	Ra-228	Ru-106	Sb-124
CSM84	ND (<0.086)	ND (<0.089)	ND (<0.030)	0.41	ND (<11)	1.8	6.6	7.9	1.6	ND (<0.47)	ND (<0.19)
CSM85	ND (<0.055)	ND (<0.057)	ND (<0.046)	ND (<0.10)	ND (<9.3)	1.5	1.1	1.4	1.4	ND (<0.47)	0.12 TI
CSM86	ND (<0.070)	ND (<0.067)	ND (<0.057)	ND (<0.15)	ND (<10)	1.7	1.6	2.0	1.5	ND (<0.53)	ND (<0.094)
CSM87	ND (<0.062)	ND (<0.078)	ND (<0.057)	ND (<0.14)	ND (<11)	1.2	1.6	1.9	1.1	ND (<0.53)	ND (<0.091)
CSM88	ND (<0.058)	ND (<0.072)	ND (<0.054)	ND (<0.13)	ND (<10)	1.4	1.2	1.4	1.4	ND (<0.49)	ND (<0.084)
CSM89	ND (<0.097)	ND (<0.10)	ND (<0.046)	ND (<0.16)	39	1.7	12	15	1.5	ND (<0.55)	ND (<0.24)
CSM90	ND (<0.053)	ND (<0.086)	ND (<0.071)	ND (<0.18)	ND (<12)	4.3	1.8	2.1	3.8	ND (<0.62)	ND (<0.12)
CSM90DUP	ND (<0.077)	ND (<0.078)	ND (<0.066)	ND (<0.19)	ND (<11)	2.8	2.8	3.3	2.4	ND (<0.59)	ND (<0.11)
CSM91	ND (<0.078)	ND (<0.10)	ND (<0.067)	ND (<0.20)	ND (<11)	2.1	2.9	3.5	1.9	ND (<0.61)	ND (<0.12)
CSM92	ND (<0.069)	ND (<0.077)	ND (<0.067)	ND (<0.21)	ND (<16)	1.2	5.8	7.4	1.1	ND (<0.53)	ND (<0.11)
CSM93	ND (<0.053)	ND (<0.067)	ND (<0.043)	ND (<0.12)	ND (<8.6)	1.5	0.93	1.1	1.3	ND (<0.45)	ND (<0.078)
CSM94	ND (<0.053)	ND (<0.056)	ND (<0.046)	ND (<0.13)	ND (<10)	1.7	1.4	1.7	1.5	ND (<0.45)	0.10 TI
CSM95	ND (<0.086)	ND (<0.090)	ND (<0.064)	ND (<0.20)	ND (<13)	1.4	4.0	5.1	1.5	ND (<0.61)	ND (<0.12)
CSM96	ND (<0.090)	ND (<0.091)	ND (<0.052)	ND (<0.15)	14	1.2	11	14	1.1	ND (<0.54)	0.12 TI
CSM97	ND (<0.33)	ND (<0.290)	0.50	6.6	66	1.4	150	170	1.2	ND (<1.5)	ND (<0.30)
CSM98	ND (<0.16)	ND (<0.18)	0.43	ND (<0.29)	ND (<11)	0.79	110	130	0.77	ND (<1.2)	ND (<0.22)
CSM99	ND (<0.080)	ND (<0.092)	ND (<0.065)	ND (<0.18)	ND (<12)	5.1	3.0	3.7	4.5	ND (<0.62)	ND (<0.11)
CSM100	ND (<0.16)	ND (<0.15)	ND (<0.061)	ND (<0.18)	20	2.6	16	19	2.4	ND (<0.81)	ND (<0.15)
CSM100DUP	ND (<0.085)	ND (<0.10)	ND (<0.070)	ND (<0.24)	12 TI	3.2	4.1	5.0	3.0	ND (<0.67)	ND (<0.13)
CSM101	ND (<0.080)	ND (<0.11)	ND (<0.069)	ND (<0.21)	ND (<11)	1.9	6.7	8.6	2.0	ND (<0.63)	ND (<0.12)
CSM102	ND (<0.065)	ND (<0.061)	ND (<0.055)	ND (<0.17)	9.2	1.3	5.1	6.1	1.2	ND (<0.54)	ND (<0.097)
CSM103	ND (<0.079)	ND (<0.082)	ND (<0.061)	ND (<0.20)	14	1.5	2.8	3.5	1.5	ND (<0.62)	ND (<0.12)
CSM104	ND (<0.086)	ND (<0.096)	ND (<0.050)	ND (<0.13)	ND (<9.2)	1.4	4.5	5.5	1.1	ND (<0.50)	ND (<0.22)
CSM105	ND (<0.066)	ND (<0.089)	ND (<0.055)	ND (<0.14)	ND (<12)	2.0	4.0	4.8	1.9	ND (<0.55)	0.21 TI
CSM106	ND (<0.061)	ND (<0.080)	ND (<0.051)	ND (<0.15)	ND (<10)	1.5	2.2	2.6	1.4	ND (<0.49)	ND (<0.092)
CSM107	ND (<0.065)	ND (<0.066)	ND (<0.054)	ND (<0.17)	ND (<10)	0.82	5.2	6.6	0.78	ND (<0.50)	ND (<0.096)
CSM108	ND (<0.078)	ND (<0.049)	ND (<0.067)	ND (<0.13)	13	1.3	4.2	5.0	1.1	ND (<0.45)	0.15 TI
CSM109	ND (<0.095)	ND (<0.066)	ND (<0.074)	ND (<0.18)	ND (<9)	2.1	5.5	7.1	2.1	ND (<0.51)	ND (<0.12)
CSM110	ND (<0.075)	ND (<0.082)	ND (<0.064)	ND (<0.16)	ND (<11)	2.1	1.8	2.2	1.8	ND (<0.63)	ND (<0.11)
CSM110DUP	ND (<0.052)	ND (<0.070)	ND (<0.065)	ND (<0.18)	ND (<11)	3.6	1.7	2.2	3.4	ND (<0.57)	ND (<0.11)
CSM111	ND (<0.064)	ND (<0.063)	ND (<0.052)	ND (<0.16)	ND (<10)	1.5	2.1	2.5	1.4	ND (<0.50)	ND (<0.10)
CSM112	ND (<0.048)	ND (<0.049)	ND (<0.042)	0.13 TI	ND (<6.9)	1.6	1.9	2.3	1.6	ND (<0.44)	ND (<0.20)
CSM113	ND (<0.096)	ND (<0.072)	ND (<0.057)	ND (<0.13)	ND (<15)	1.4	3.8	4.6	1.1	ND (<0.56)	0.12 TI
CSM114	ND (<0.13)	ND (<0.084)	ND (<0.073)	ND (<0.19)	11	1.9	9.7	12	1.4	ND (<0.69)	ND (<0.13)
CSM115	ND (<0.077)	ND (<0.095)	ND (<0.069)	ND (<0.20)	14	1.5	3.3	3.9	1.5	ND (<0.60)	ND (<0.12)
CSM116	ND (<0.092)	ND (<0.087)	ND (<0.072)	ND (<0.25)	ND (<12)	1.7	3.4	4.2	1.6	ND (<0.66)	ND (<0.14)
CSM117	ND (<0.070)	ND (<0.067)	ND (<0.060)	ND (<0.20)	ND (<9.2)	1.4	5.7	7.3	1.3	ND (<0.55)	ND (<0.10)
CSM118	ND (<0.14)	ND (<0.11)	ND (<0.076)	ND (<0.27)	ND (<15)	2.3	5.9	7.0	2.2	ND (<0.75)	ND (<0.14)
CSM119	ND (<0.053)	ND (<0.053)	ND (<0.050)	ND (<0.15)	ND (<8.6)	1.2	2.4	2.9	1.2	ND (<0.48)	ND (<0.092)
CSM120	ND (<0.062)	ND (<0.065)	ND (<0.053)	ND (<0.16)	ND (<10)	1.3	1.2	1.5	1.2	ND (<0.50)	ND (<0.093)
CSM120DUP	ND (<0.067)	ND (<0.064)	ND (<0.056)	ND (<0.17)	ND (<5.7)	1.4	1.2	1.5	1.4	ND (<0.55)	ND (<0.11)
CSM121	ND (<0.055)	ND (<0.082)	ND (<0.046)	ND (<0.11)	ND (<14)	1.5	4.2	5.0	1.1	ND (<0.45)	0.11 TI
CSM122	ND (<0.055)	ND (<0.062)	ND (<0.057)	ND (<0.15)	ND (<9.1)	1.4	1.4	1.8	1.2	ND (<0.50)	ND (<0.099)
CSM123	ND (<0.080)	ND (<0.087)	ND (<0.066)	ND (<0.20)	ND (<11)	2.5	2.2	2.7	2.3	ND (<0.61)	ND (<0.11)
CSM124	ND (<0.086)	ND (<0.096)	ND (<0.081)	ND (<0.14)	ND (<13)	4.5	1.9	2.2	4.2	ND (<0.71)	ND (<0.13)
CSM125	ND (<0.092)	ND (<0.086)	ND (<0.056)	ND (<0.20)	ND (<12)	1.6	6.2	7.5	1.4	ND (<0.71)	ND (<0.13)

See Notes at end of table

**Table 4-3
Surface Samples - Gamma Spectroscopy**

Sample ID	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214	Ra-226	Ra-228	Ru-106	Sb-124
CSM126	ND (<0.052)	ND (<0.071)	ND (<0.040)	ND (<0.10)	ND (<7.2)	2.4	4.2	5.1	2.1	ND (<0.43)	ND (<0.18)
CSM127	ND (<0.13)	ND (<0.086)	ND (<0.082)	ND (<0.24)	ND (<13)	3.7	9.2	11	3.6	ND (<0.68)	ND (<0.13)
CSM128	ND (<0.073)	ND (<0.110)	ND (<0.057)	ND (<0.17)	ND (<9.9)	1.5	5.2	6.2	1.4	ND (<0.59)	ND (<0.11)
CSM129	ND (<0.062)	ND (<0.078)	ND (<0.054)	ND (<0.11)	ND (<10)	1.7	0.80	0.97	1.4	ND (<0.48)	ND (<0.097)
CSM130	ND (<0.065)	ND (<0.074)	ND (<0.057)	ND (<0.17)	ND (<10)	1.9	1.4	1.8	1.8	ND (<0.57)	ND (<0.11)
CSM130DUP	ND (<0.051)	ND (<0.058)	ND (<0.045)	ND (<0.11)	ND (<13)	1.6	1.5	1.8	1.5	ND (<0.45)	0.11 TI
CSM131	ND (<0.057)	ND (<0.061)	ND (<0.058)	ND (<0.15)	ND (<9.7)	2.0	1.8	2.3	2.0	ND (<0.52)	ND (<0.095)
CSM132	ND (<0.068)	ND (<0.067)	ND (<0.058)	ND (<0.15)	ND (<9.3)	2.1	2.0	2.4	2.1	ND (<0.63)	ND (<0.10)
CSM133	ND (<0.058)	ND (<0.060)	ND (<0.048)	0.12 TI	ND (<15)	1.5	1.8	2.1	1.3	ND (<0.52)	ND (<0.21)
CSM134	ND (<0.080)	ND (<0.087)	ND (<0.065)	ND (<0.22)	ND (<13)	2.1	9.9	13	2.0	ND (<0.66)	ND (<0.13)
CSM135	ND (<0.19)	0.12	ND (<0.10)	ND (<0.27)	ND (<18)	3.8	22	27	3.4	ND (<1.1)	ND (<0.19)
CSM136	ND (<0.15)	ND (<0.140)	0.089	ND (<0.22)	ND (<19)	3.0	25	30	2.6	ND (<0.67)	ND (<0.13)
CSM137	ND (<0.064)	ND (<0.085)	ND (<0.064)	ND (<0.17)	ND (<12)	2.1	3.2	3.8	1.9	ND (<0.58)	ND (<0.11)
CSM138	ND (<0.078)	ND (<0.120)	ND (<0.060)	ND (<0.15)	ND (<15)	2.2	12	14	1.9	ND (<0.60)	ND (<0.12)
CSM139	ND (<0.072)	ND (<0.082)	ND (<0.061)	ND (<0.18)	ND (<11)	1.0	2.0	2.5	0.77	ND (<0.62)	ND (<0.12)
CSM140	ND (<0.075)	ND (<0.088)	ND (<0.061)	ND (<0.19)	ND (<11)	1.3	2.9	3.4	1.2	ND (<0.58)	ND (<0.11)
CSM140DUP	ND (<0.079)	ND (<0.075)	0.052	ND (<0.15)	ND (<9.3)	1.4	3.2	3.7	1.3	ND (<0.49)	ND (<0.095)
CSM141	ND (<0.062)	ND (<0.067)	ND (<0.054)	ND (<0.16)	ND (<9.5)	2.2	1.2	1.6	2.1	ND (<0.52)	ND (<0.10)
CSM142	ND (<0.034)	ND (<0.055)	ND (<0.047)	ND (<0.15)	ND (<5.1)	3.0	3.4	4.2	2.5	ND (<0.47)	ND (<0.09)
CSM143	ND (<0.059)	ND (<0.080)	ND (<0.045)	0.12 TI	ND (<15)	1.9	3.4	4.2	1.9	ND (<0.50)	ND (<0.21)
CSM144	ND (<0.068)	ND (<0.070)	ND (<0.058)	ND (<0.18)	ND (<11)	2.0	2.8	3.4	1.8	ND (<0.51)	ND (<0.10)
CSM145	ND (<0.042)	ND (<0.048)	ND (<0.035)	ND (<0.09)	ND (<6.3)	1.4	1.0	1.3	1.2	ND (<0.36)	0.10 TI
CSM146	ND (<0.050)	ND (<0.053)	ND (<0.044)	ND (<0.09)	ND (<7.2)	1.5	0.78	0.93	1.3	ND (<0.45)	ND (<0.087)
CSM147	ND (<0.077)	ND (<0.075)	ND (<0.084)	ND (<0.16)	ND (<11)	1.6	7.7	9.9	1.6	ND (<0.57)	ND (<0.11)
CSM148	ND (<0.082)	ND (<0.093)	ND (<0.065)	ND (<0.21)	ND (<11)	2.0	2.6	3.2	1.6	ND (<0.63)	ND (<0.11)
CSM149	ND (<0.049)	ND (<0.049)	ND (<0.041)	ND (<0.10)	ND (<7.1)	1.5	6.0	7.3	1.3	ND (<0.41)	ND (<0.084)
CSM150	ND (<0.058)	ND (<0.056)	ND (<0.048)	ND (<0.13)	ND (<7.8)	1.3	1.6	2.0	1.2	ND (<0.51)	0.16 TI
CSM150DUP	ND (<0.053)	ND (<0.057)	ND (<0.046)	0.13 TI	ND (<12)	1.4	1.5	1.8	1.0	ND (<0.47)	0.13 TI
CSM151	ND (<0.048)	ND (<0.047)	ND (<0.039)	ND (<0.09)	ND (<6.7)	1.4	1.1	1.4	1.3	ND (<0.39)	ND (<0.072)
CSM152	0.35 TI	ND (<0.13)	0.48	ND (<0.34)	ND (<22)	2.4	110	150	2.0	ND (<1.0)	ND (<0.21)
CSM153	ND (<0.048)	ND (<0.051)	ND (<0.038)	ND (<0.12)	ND (<7)	1.4	1.6	2.0	1.3	ND (<0.40)	ND (<0.072)
CSM154	ND (<0.056)	ND (<0.060)	ND (<0.044)	0.12 TI	ND (<8.6)	1.6	3.1	3.8	1.4	ND (<0.42)	ND (<0.081)
CSM155	ND (<0.076)	ND (<0.088)	ND (<0.066)	ND (<0.20)	ND (<12)	2.2	4.2	4.9	1.8	ND (<0.60)	ND (<0.12)
CSM156	ND (<0.10)	ND (<0.10)	0.11	ND (<0.16)	ND (<11)	2.8	16	20	2.1	ND (<0.63)	ND (<0.35)
CSM157	ND (<0.090)	ND (<0.056)	ND (<0.054)	ND (<0.14)	ND (<9.3)	2.3	4.0	4.7	2.1	ND (<0.54)	ND (<0.34)
CSM158	ND (<0.086)	ND (<0.14)	ND (<0.067)	ND (<0.17)	ND (<13)	1.4	7.7	9.3	1.2	ND (<0.65)	ND (<0.12)
CSM159	ND (<0.17)	ND (<0.18)	0.094	ND (<0.27)	ND (<17)	2.1	23	28	1.8	ND (<0.91)	ND (<0.17)
CSM160	ND (<0.072)	ND (<0.082)	ND (<0.076)	ND (<0.21)	ND (<12)	1.7	3.9	5.0	1.7	ND (<0.68)	ND (<0.13)
CSM161	ND (<0.130)	ND (<0.080)	ND (<0.069)	ND (<0.21)	ND (<13)	1.6	6.8	8.6	1.6	ND (<0.64)	ND (<0.12)
CSM162	ND (<0.087)	ND (<0.086)	ND (<0.051)	ND (<0.12)	ND (<14)	1.8	1.7	2.0	1.6	ND (<0.48)	0.12 TI
CSM163	ND (<0.064)	ND (<0.066)	ND (<0.054)	ND (<0.15)	ND (<10)	1.8	2.9	3.6	1.8	ND (<0.54)	ND (<0.10)
CSM164(EAST)	0.076 TI	ND (<0.075)	ND (<0.066)	ND (<0.19)	11	1.7	13	17	1.7	ND (<0.58)	ND (<0.12)
CSM165(WEST)	ND (<0.094)	ND (<0.077)	ND (<0.058)	ND (<0.16)	ND (<11)	1.4	5.0	5.9	1.3	ND (<0.54)	ND (<0.11)
CSMBL1	ND (<0.052)	ND (<0.055)	ND (<0.045)	ND (<0.13)	ND (<7.3)	2.4	1.0	1.3	2.3	ND (<0.44)	ND (<0.087)
CSMBL2	ND (<0.068)	ND (<0.070)	ND (<0.054)	ND (<0.11)	ND (<8.9)	2.5	1.1	1.3	2.3	ND (<0.56)	ND (<0.10)
CSMBKG1	ND (<0.081)	ND (<0.096)	ND (<0.069)	ND (<0.14)	ND (<13)	2.4	1.9	2.2	2.1	ND (<0.67)	ND (<0.13)

See Notes at end of table

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214	Ra-226	Ra-228	Ru-106	Sb-124
CSMBKG2	ND (<0.054)	ND (<0.069)	ND (<0.057)	ND (<0.17)	ND (<9.3)	2.4	1.8	2.2	2.1	ND (<0.55)	ND (<0.11)
CSMBKG3	ND (<0.066)	ND (<0.065)	ND (<0.052)	ND (<0.14)	8.6	2.4	2.1	2.4	2.1	ND (<0.57)	ND (<0.23)
CSMBKG4	0.046	ND (<0.057)	ND (<0.047)	0.16 TI	ND (<15)	2.9	2.6	3.2	2.9	ND (<0.50)	ND (<0.24)

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235	Zn-65
CSM1	ND (<0.18)	ND (<0.098)	ND (<8.4)	3.9 TI	0.58	ND (<0.42)	ND (<0.27)
CSM1DUP	ND (<0.17)	ND (<0.14)	ND (<7.0)	2.5 TI	0.48	ND (<0.33)	ND (<0.31)
CSM2	ND (<0.24)	ND (<0.14)	ND (<15)	4.5	0.89	ND (<0.44)	ND (<0.37)
CSM3	ND (<0.17)	ND (<0.086)	0.87	3.3	0.37	0.47	ND (<0.20)
CSM4	ND (<0.20)	ND (<0.10)	0.34	4.2 TI	0.38	ND (<0.36)	ND (<0.18)
CSM5	ND (<0.15)	ND (<0.078)	ND (<8.1)	5.7	0.79	ND (<0.34)	ND (<0.12)
CSM6	ND (<0.28)	ND (<0.14)	0.68	4.2	0.40	ND (<0.51)	ND (<0.24)
CSM7	ND (<0.18)	ND (<0.12)	ND (<10)	4.0	0.49	ND (<0.47)	ND (<0.34)
CSM8	ND (<0.12)	ND (<0.064)	0.31	2.7	0.21	ND (<0.31)	ND (<0.19)
CSM9	0.19 TI	ND (<0.089)	ND (<0.37)	4.7	0.59	0.37	ND (<0.22)
CSM10	ND (<0.16)	ND (<0.085)	0.40	3.5	0.50	ND (<0.39)	ND (<0.21)
CSM10DUP	0.15 TI	ND (<0.087)	0.63	3.1	0.45	ND (<0.40)	ND (<0.30)
CSM11	ND (<0.16)	ND (<0.096)	ND (<0.37)	3.2	0.82	ND (<0.44)	ND (<0.26)
CSM12	ND (<0.11)	ND (<0.067)	ND (<7.8)	2.2	0.45	ND (<0.27)	ND (<0.18)
CSM13	ND (<0.22)	ND (<0.11)	ND (<0.41)	3.8	1.3	ND (<0.35)	ND (<0.34)
CSM14	ND (<0.17)	ND (<0.10)	ND (<0.35)	3.3	1.1	ND (<0.35)	ND (<0.29)
CSM15	ND (<0.16)	ND (<0.091)	ND (<0.30)	2.2	0.56	ND (<0.25)	ND (<0.27)
CSM16	ND (<0.18)	ND (<0.10)	ND (<9.5)	3.7	0.92	0.38	ND (<0.26)
CSM17	ND (<0.22)	ND (<0.11)	1.1	5.9	0.58	0.46	ND (<0.37)
CSM18	ND (<0.15)	ND (<0.099)	ND (<8.5)	2.7	0.56	ND (<0.31)	ND (<0.25)
CSM19	ND (<0.17)	ND (<0.098)	0.64	1.3	0.40	0.56	ND (<0.26)
CSM20	ND (<0.15)	ND (<0.084)	ND (<9.5)	10	0.38	ND (<0.41)	ND (<0.21)
CSM20DUP	ND (<0.14)	ND (<0.075)	ND (<9.9)	6.3	0.47	ND (<0.40)	ND (<0.20)
CSM21	ND (<0.16)	ND (<0.095)	ND (<9.4)	12	1.1	ND (<0.31)	ND (<0.21)
CSM22	ND (<0.16)	ND (<0.085)	ND (<0.31)	12	0.68	ND (<0.31)	ND (<0.37)
CSM23	ND (<0.18)	ND (<0.10)	ND (<0.29)	12	0.51	ND (<0.26)	ND (<0.25)
CSM24	ND (<0.13)	ND (<0.078)	ND (<8.4)	13	0.51	ND (<0.27)	ND (<0.23)
CSM25	0.43	ND (<0.17)	1.8	14	0.73	1.38	ND (<0.17)
CSM26	0.29 TI	ND (<0.19)	2.2	29	1.33	1.83	ND (<0.19)
CSM27	ND (<0.27)	ND (<0.13)	1.0	30	0.95	0.60	ND (<0.17)
CSM28	ND (<0.18)	ND (<0.095)	1.3	2.5 TI	1.7	0.72	ND (<0.41)
CSM29	ND (<0.15)	ND (<0.080)	ND (<0.39)	3.0	0.90	0.27	ND (<0.23)
CSM30	ND (<0.17)	ND (<0.089)	0.92	3.1	0.64	0.81	ND (<0.30)
CSM30DUP	ND (<0.26)	ND (<0.15)	ND (<13)	9.3	0.67	0.65	ND (<0.14)
CSM31	ND (<0.34)	ND (<0.17)	2.3	3.1 TI	0.73	2.0	ND (<0.26)
CSM32	ND (<0.17)	ND (<0.10)	0.49	3.6	0.85	0.24	ND (<0.22)
CSM33	ND (<0.14)	ND (<0.079)	ND (<0.22)	5.9	0.82	0.61	ND (<0.42)
CSM34	ND (<0.11)	ND (<0.062)	ND (<8.0)	6.2	0.82	ND (<0.26)	ND (<0.46)
CSM35	ND (<0.17)	ND (<0.12)	0.94	11	0.74	0.73	ND (<0.22)
CSM36	ND (<0.12)	ND (<0.070)	ND (<7.0)	6.3	0.59	ND (<0.23)	ND (<0.37)
CSM37	ND (<0.16)	ND (<0.093)	0.34	3.8	0.85	ND (<0.31)	ND (<0.32)
CSM38	ND (<0.12)	ND (<0.071)	ND (<7.0)	3.5	0.78	ND (<0.28)	ND (<0.20)
CSM39	ND (<0.16)	ND (<0.091)	0.33	21	0.61	1.2	ND (<0.24)
CSM40	ND (<0.25)	ND (<0.13)	1.1	29	0.80	1.6	ND (<0.35)
CSM40DUP	ND (<0.29)	ND (<0.15)	1.4	24	0.70	1.4	ND (<0.44)
CSM41	ND (<0.19)	ND (<0.12)	ND (<10)	15	2.2	0.56	ND (<0.29)

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235	Zn-65
CSM42	0.27 TI	ND (<0.16)	1.9	22	1.9	0.84	ND (<0.40)
CSM43	ND (<0.12)	ND (<0.063)	0.32	8.7	0.80	0.36	ND (<0.13)
CSM44	ND (<0.18)	ND (<0.092)	ND (<0.32)	3.8	0.60	ND (<0.42)	ND (<0.28)
CSM45	ND (<0.14)	ND (<0.078)	ND (<5.9)	1.9	0.47	ND (<0.23)	ND (<0.19)
CSM46	ND (<0.14)	ND (<0.084)	ND (<9.4)	5.0	0.46	0.34	ND (<0.24)
CSM47	ND (<0.22)	ND (<0.13)	1.0	23	0.80	1.4	ND (<0.33)
CSM48	ND (<0.15)	ND (<0.083)	ND (<9.3)	15	0.82	0.58	ND (<0.23)
CSM49	ND (<0.20)	ND (<0.12)	ND (<10)	4.4	0.72	ND (<0.45)	ND (<0.35)
CSM50	ND (<0.14)	ND (<0.084)	ND (<0.27)	1.5	0.44	ND (<0.40)	ND (<0.25)
CSM50DUP	0.15 TI	ND (<0.086)	ND (<5.5)	2.0	0.56	ND (<0.30)	ND (<0.16)
CSM51	ND (<0.21)	ND (<0.12)	0.77	42	0.55	2.3	ND (<0.28)
CSM52	ND (<0.11)	ND (<0.064)	ND (<6.3)	3.8	0.46	ND (<0.28)	ND (<0.15)
CSM53	ND (<0.13)	ND (<0.097)	0.27	6.9	0.50	0.55	ND (<0.26)
CSM54	1.4	ND (<0.29)	4.7	ND (<3.2)	0.76	1.9	ND (<0.72)
CSM55	ND (<0.25)	ND (<0.13)	1.7	16	0.80	1.30	ND (<0.28)
CSM56	ND (<0.15)	ND (<0.097)	ND (<8.5)	2.9	0.57	ND (<0.33)	ND (<0.28)
CSM57	ND (<0.12)	ND (<0.070)	ND (<9.7)	2.9	0.70	ND (<0.47)	ND (<0.18)
CSM58	ND (<0.13)	ND (<0.082)	ND (<6.5)	2.2	0.39	ND (<0.27)	ND (<0.22)
CSM59	ND (<0.15)	ND (<0.089)	ND (<9.1)	4.8 TI	0.98	ND (<0.35)	ND (<0.22)
CSM60	ND (<0.11)	ND (<0.063)	ND (<7.9)	2.5	0.63	ND (<0.22)	ND (<0.17)
CSM60DUP	ND (<0.15)	ND (<0.096)	ND (<7.3)	3.1 TI	0.58	ND (<0.31)	ND (<0.27)
CSM61	ND (<0.15)	ND (<0.084)	ND (<0.31)	3.8 TI	0.59	ND (<0.32)	ND (<0.21)
CSM62	ND (<0.14)	ND (<0.074)	ND (<6.4)	2.1 TI	0.51	ND (<0.23)	ND (<0.11)
CSM63	ND (<0.10)	ND (<0.061)	ND (<9.6)	2.1 TI	0.55	ND (<0.22)	ND (<0.16)
CSM64	ND (<0.14)	ND (<0.084)	ND (<0.26)	3.8	0.47	ND (<0.30)	ND (<0.23)
CSM65	0.16 TI	ND (<0.086)	0.30	4.1	0.52	ND (<0.33)	ND (<0.21)
CSM66	ND (<0.13)	ND (<0.074)	0.45	7.1	0.83	0.41	ND (<0.17)
CSM67	ND (<0.20)	ND (<0.10)	0.43	7.0	1.0	0.37	ND (<0.32)
CSM68	ND (<0.17)	ND (<0.10)	ND (<0.3)	3.6	0.83	ND (<0.33)	ND (<0.31)
CSM69	ND (<0.15)	ND (<0.092)	ND (<7.2)	3.2	1.0	ND (<0.26)	ND (<0.26)
CSM70	ND (<0.14)	ND (<0.077)	ND (<6.3)	2.7	0.79	ND (<0.22)	ND (<0.21)
CSM70DUP	ND (<0.17)	ND (<0.096)	ND (<10)	3.4	0.79	ND (<0.36)	ND (<0.30)
CSM71	ND (<0.15)	ND (<0.095)	0.19	5.5	1.0	ND (<0.38)	ND (<0.24)
CSM72	ND (<0.13)	ND (<0.084)	ND (<0.26)	2.0	0.55	ND (<0.28)	ND (<0.23)
CSM73	ND (<0.15)	ND (<0.10)	ND (<8.0)	3.1	0.93	ND (<0.34)	ND (<0.29)
CSM74	ND (<0.15)	ND (<0.086)	ND (<0.26)	1.6	0.41	ND (<0.21)	ND (<0.23)
CSM75	ND (<0.13)	ND (<0.085)	ND (<8.7)	2.7	0.39	ND (<0.36)	ND (<0.21)
CSM76	ND (<0.11)	ND (<0.068)	ND (<0.3)	1.7	0.43	ND (<0.29)	ND (<0.17)
CSM77	ND (<0.19)	ND (<0.11)	ND (<7.4)	5.4	0.58	0.44	ND (<0.31)
CSM78	ND (<0.12)	ND (<0.067)	ND (<7.2)	1.9	0.36	ND (<0.14)	ND (<0.11)
CSM79	ND (<0.087)	ND (<0.051)	ND (<8.6)	2.0	0.40	ND (<0.24)	ND (<0.14)
CSM80	ND (<0.12)	ND (<0.065)	ND (<6.6)	3.0	0.72	ND (<0.19)	ND (<0.16)
CSM80DUP	ND (<0.13)	ND (<0.074)	ND (<6.1)	2.1	0.57	ND (<0.30)	ND (<0.21)
CSM81	ND (<0.15)	ND (<0.090)	ND (<8.1)	3.1	0.73	ND (<0.26)	ND (<0.22)
CSM82	ND (<0.24)	ND (<0.16)	1.6	28	0.75	2.27	ND (<0.23)
CSM83	ND (<0.16)	ND (<0.10)	ND (<0.3)	3.5	0.55	ND (<0.40)	ND (<0.25)

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235	Zn-65
CSM84	ND (<0.13)	ND (<0.077)	ND (<8.2)	6.5	0.49	ND (<0.30)	ND (<0.19)
CSM85	ND (<0.12)	ND (<0.068)	ND (<9.1)	3.6	0.47	ND (<0.24)	ND (<0.18)
CSM86	ND (<0.14)	ND (<0.081)	ND (<0.3)	2.0	0.52	ND (<0.30)	ND (<0.16)
CSM87	ND (<0.13)	ND (<0.091)	ND (<6.8)	2.0	0.36	ND (<0.29)	ND (<0.26)
CSM88	ND (<0.12)	ND (<0.081)	ND (<7.6)	1.4	0.38	ND (<0.21)	ND (<0.24)
CSM89	0.19 TI	ND (<0.092)	0.72	18	0.49	1.2	ND (<0.21)
CSM90	ND (<0.17)	ND (<0.10)	ND (<10)	4.7	1.3	ND (<0.35)	ND (<0.28)
CSM90DUP	ND (<0.16)	ND (<0.093)	ND (<9.3)	4.5	0.79	ND (<0.31)	ND (<0.29)
CSM91	ND (<0.17)	ND (<0.10)	ND (<9.4)	3.6	0.63	ND (<0.35)	ND (<0.30)
CSM92	ND (<0.15)	ND (<0.099)	0.43	4.1	0.38	ND (<0.32)	ND (<0.17)
CSM93	ND (<0.11)	ND (<0.077)	ND (<5.4)	1.7	0.41	ND (<0.19)	ND (<0.22)
CSM94	ND (<0.11)	ND (<0.070)	ND (<6.6)	2.3	0.47	ND (<0.26)	ND (<0.18)
CSM95	ND (<0.18)	ND (<0.10)	ND (<0.33)	2.4	0.45	ND (<0.40)	ND (<0.26)
CSM96	ND (<0.16)	ND (<0.088)	0.46	12	0.33	0.60	ND (<0.18)
CSM97	3.53	ND (<0.30)	16	ND (<2.9)	0.24	5.30	0.97 TI
CSM98	0.33 TI	ND (<0.17)	ND (<1.0)	5.9	0.29	ND (<0.68)	ND (<0.38)
CSM99	ND (<0.17)	ND (<0.10)	ND (<9.0)	4.7	1.4	ND (<0.36)	ND (<0.29)
CSM100	ND (<0.24)	ND (<0.14)	0.71	12	0.70	0.96	ND (<0.33)
CSM100DUP	ND (<0.18)	ND (<0.11)	ND (<9.1)	6.7	0.91	ND (<0.36)	ND (<0.35)
CSM101	ND (<0.17)	ND (<0.11)	ND (<12.0)	4.1	0.64	ND (<0.38)	ND (<0.18)
CSM102	ND (<0.15)	ND (<0.089)	ND (<0.37)	4.4	0.36	ND (<0.32)	ND (<0.13)
CSM103	ND (<0.16)	ND (<0.097)	ND (<0.33)	5.4	0.42	0.34	ND (<0.29)
CSM104	ND (<0.14)	ND (<0.078)	ND (<8.1)	4.2	0.35	ND (<0.27)	ND (<0.19)
CSM105	ND (<0.14)	ND (<0.080)	ND (<11)	7.2	0.56	ND (<0.36)	ND (<0.21)
CSM106	ND (<0.13)	ND (<0.085)	ND (<6.1)	1.7	0.45	ND (<0.29)	ND (<0.27)
CSM107	ND (<0.14)	ND (<0.089)	0.26	3.4	0.22	ND (<0.29)	ND (<0.24)
CSM108	ND (<0.12)	ND (<0.073)	ND (<8.1)	5.8	0.34	ND (<0.33)	ND (<0.16)
CSM109	ND (<0.13)	ND (<0.093)	0.26	3.3	0.60	ND (<0.31)	ND (<0.15)
CSM110	ND (<0.16)	ND (<0.11)	ND (<10)	3.0	0.60	ND (<0.30)	ND (<0.24)
CSM110DUP	ND (<0.15)	ND (<0.090)	ND (<9.6)	2.4	1.1	ND (<0.36)	ND (<0.26)
CSM111	ND (<0.13)	ND (<0.082)	ND (<0.28)	2.4	0.40	ND (<0.25)	ND (<0.19)
CSM112	ND (<0.10)	ND (<0.065)	ND (<6.0)	2.2	0.49	ND (<0.26)	ND (<0.14)
CSM113	ND (<0.14)	ND (<0.095)	ND (<11)	3.6	0.44	ND (<0.38)	ND (<0.23)
CSM114	ND (<0.19)	ND (<0.11)	0.63	8.1	0.49	0.83	ND (<0.27)
CSM115	ND (<0.17)	ND (<0.10)	ND (<8.3)	3.3	0.42	ND (<0.30)	ND (<0.33)
CSM116	ND (<0.20)	ND (<0.12)	ND (<0.4)	4.1	0.49	0.32	ND (<0.31)
CSM117	ND (<0.17)	ND (<0.10)	0.26	5.2	0.36	0.31	ND (<0.26)
CSM118	ND (<0.21)	ND (<0.13)	ND (<13)	3.7	0.61	ND (<0.46)	ND (<0.38)
CSM119	ND (<0.13)	ND (<0.073)	ND (<0.25)	3.5	0.37	ND (<0.33)	ND (<0.18)
CSM120	ND (<0.13)	ND (<0.077)	ND (<0.24)	1.3	0.43	ND (<0.20)	ND (<0.22)
CSM120DUP	ND (<0.13)	ND (<0.079)	ND (<0.25)	1.2	0.44	ND (<0.21)	ND (<0.16)
CSM121	ND (<0.12)	ND (<0.073)	ND (<6.0)	4.7	0.41	ND (<0.35)	ND (<0.16)
CSM122	ND (<0.12)	ND (<0.087)	ND (<6.1)	1.8	0.42	ND (<0.23)	ND (<0.23)
CSM123	ND (<0.15)	ND (<0.11)	ND (<9.9)	3.1	0.87	ND (<0.38)	ND (<0.28)
CSM124	ND (<0.17)	ND (<0.12)	ND (<11)	3.8	1.3	ND (<0.34)	ND (<0.34)
CSM125	ND (<0.19)	ND (<0.11)	ND (<0.26)	3.9	0.39	ND (<0.36)	ND (<0.26)

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235	Zn-65
CSM126	ND (<0.11)	ND (<0.067)	ND (<5.8)	2.6	0.67	ND (<0.25)	ND (<0.15)
CSM127	ND (<0.21)	ND (<0.17)	1.7	0.83	1.1	0.49	ND (<0.21)
CSM128	ND (<0.15)	ND (<0.092)	ND (<8.4)	2.2	0.47	ND (<0.19)	ND (<0.22)
CSM129	ND (<0.13)	ND (<0.087)	ND (<6.0)	1.9 TI	0.48	ND (<0.24)	ND (<0.23)
CSM130	ND (<0.15)	ND (<0.093)	ND (<0.3)	1.5	0.59	0.22	ND (<0.26)
CSM130DUP	ND (<0.11)	ND (<0.070)	ND (<0.3)	1.7	0.51	ND (<0.32)	ND (<0.14)
CSM131	0.13	ND (<0.086)	ND (<7.4)	1.8	0.61	ND (<0.25)	ND (<0.22)
CSM132	ND (<0.14)	ND (<0.098)	ND (<7.5)	2.0	0.57	ND (<0.28)	ND (<0.21)
CSM133	ND (<0.12)	ND (<0.075)	ND (<9.0)	2.3 TI	0.44	ND (<0.35)	ND (<0.19)
CSM134	ND (<0.19)	ND (<0.13)	ND (<0.37)	1.6	0.57	ND (<0.35)	ND (<0.30)
CSM135	ND (<0.32)	ND (<0.17)	0.90	2.9 TI	1.05	ND (<0.73)	ND (<0.39)
CSM136	0.22 TI	ND (<0.12)	2.1	3.7	0.89	0.53	ND (<0.28)
CSM137	ND (<0.15)	ND (<0.10)	ND (<8.3)	2.4	0.66	ND (<0.30)	ND (<0.29)
CSM138	ND (<0.17)	ND (<0.10)	0.92	1.6	0.57	ND (<0.39)	0.26 TI
CSM139	ND (<0.16)	ND (<0.098)	ND (<10)	ND (<1.1)	0.29	ND (<0.36)	ND (<0.27)
CSM140	ND (<0.15)	ND (<0.10)	ND (<8.4)	1.3	0.44	ND (<0.29)	ND (<0.30)
CSM140DUP	ND (<0.14)	ND (<0.086)	ND (<9.3)	1.7	0.40	ND (<0.23)	ND (<0.27)
CSM141	ND (<0.13)	ND (<0.085)	ND (<0.2)	1.8	0.64	ND (<0.26)	ND (<0.15)
CSM142	ND (<0.13)	ND (<0.073)	ND (<0.2)	3.2	0.80	ND (<0.25)	ND (<0.12)
CSM143	ND (<0.12)	ND (<0.078)	ND (<5.6)	2.0	0.55	ND (<0.36)	ND (<0.18)
CSM144	ND (<0.15)	ND (<0.096)	ND (<8.2)	2.7	0.55	ND (<0.33)	ND (<0.28)
CSM145	ND (<0.09)	ND (<0.058)	ND (<4.6)	1.2	0.38	ND (<0.17)	ND (<0.15)
CSM146	ND (<0.11)	ND (<0.068)	ND (<6.9)	1.2	0.42	ND (<0.25)	ND (<0.23)
CSM147	ND (<0.17)	ND (<0.10)	ND (<0.5)	1.7	0.46	ND (<0.34)	ND (<0.28)
CSM148	ND (<0.17)	ND (<0.11)	ND (<9.7)	2.5	0.53	ND (<0.38)	ND (<0.31)
CSM149	ND (<0.12)	ND (<0.071)	0.23	2.1	0.37	ND (<0.30)	ND (<0.11)
CSM150	ND (<0.12)	ND (<0.075)	ND (<6.5)	1.3	0.29	ND (<0.28)	ND (<0.19)
CSM150DUP	ND (<0.16)	ND (<0.071)	ND (<6.9)	1.4	0.40	ND (<0.30)	ND (<0.19)
CSM151	0.10 TI	ND (<0.060)	ND (<4.3)	1.9	0.43	ND (<0.17)	ND (<0.15)
CSM152	0.35 TI	ND (<0.22)	3.4	ND (<1.3)	0.62	1.1	ND (<0.52)
CSM153	ND (<0.10)	ND (<0.062)	ND (<0.19)	1.3	0.41	ND (<0.15)	ND (<0.18)
CSM154	ND (<0.11)	ND (<0.076)	ND (<4.6)	1.9	0.42	ND (<0.22)	ND (<0.19)
CSM155	ND (<0.17)	ND (<0.11)	ND (<7.9)	2.0	0.63	ND (<0.24)	ND (<0.33)
CSM156	ND (<0.17)	ND (<0.098)	1.3	10	0.75	0.69	ND (<0.23)
CSM157	ND (<0.13)	ND (<0.084)	0.61	3.6	0.58	ND (<0.50)	0.18 TI
CSM158	ND (<0.20)	ND (<0.12)	0.55	3.0	0.39	ND (<0.36)	ND (<0.43)
CSM159	ND (<0.27)	ND (<0.16)	1.0	2.5	0.53	ND (<0.56)	0.33 TI
CSM160	ND (<0.17)	ND (<0.12)	ND (<0.33)	1.3	0.54	ND (<0.21)	ND (<0.19)
CSM161	ND (<0.19)	ND (<0.11)	0.31	1.8	0.47	ND (<0.30)	ND (<0.28)
CSM162	ND (<0.12)	ND (<0.08)	ND (<7.3)	1.8	0.51	ND (<0.36)	ND (<0.20)
CSM163	ND (<0.14)	ND (<0.09)	ND (<7.5)	2.2	0.48	ND (<0.17)	ND (<0.20)
CSM164(EAST)	ND (<0.18)	ND (<0.11)	0.53	7.9	0.49	0.65	0.20 TI
CSM165(WEST)	ND (<0.15)	ND (<0.10)	ND (<7.5)	3.1	0.44	ND (<0.33)	ND (<0.32)
CSMBL1	ND (<0.11)	ND (<0.07)	ND (<6.7)	2.2 TI	0.73	ND (<0.25)	ND (<0.12)
CSMBL2	ND (<0.13)	ND (<0.09)	ND (<7.3)	2.2	0.74	ND (<0.25)	ND (<0.21)
CSMBKG1	ND (<0.18)	ND (<0.12)	ND (<9.5)	4.1	0.60	ND (<0.40)	ND (<0.32)

Table 4-3
Surface Samples - Gamma Spectroscopy

Sample ID	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235	Zn-65
CSMBKG2	ND (<0.15)	ND (<0.086)	ND (<9.1)	2.5	0.68	ND (<0.26)	ND (<0.15)
CSMBKG3	ND (<0.13)	ND (<0.087)	ND (<7.6)	3.3	0.66	ND (<0.39)	ND (<0.21)
CSMBKG4	ND (<0.12)	ND (<0.077)	ND (<8.6)	3.6	0.85	ND (<0.35)	ND (<0.17)

Table 4-4
Surface Soil Samples
Metals Summary Statistics

Metal	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Arsenic	30.8	16	13	41.4	1.8	330	17.9
Barium	325	180	170	405	48	2900	228
Cadmium	3.28	0.84	0.02	7.01	ND	51	0.604
Chromium	17.1	15	14	9.27	6	79	15.6
Lead	465	140	140	1280	6.4	14000	153
Mercury	5.89	0.81	0.57	32.4	0.015	400	0.942
Molybdenum	37.6	13	1.8	92.6	0.89	980	13.7
Selenium	1.85	1.2	1.1	1.76	ND	11	1.34
Silver	2.67	0.83	0.02	6.14	ND	58	0.670
Vanadium	45.8	37	29	36.7	15	350	39.2
Zinc	673	260	110	1120	49	7100	314

Notes: All data units are in milligrams per kilogram; ND, not detected.

Table 4-5
Surface Soil Samples
Alpha Spectroscopy Summary Statistics

Isotope	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Thorium-228	2.84	1.86	1.48	8.47	0.94	109	2.03
Thorium-230	9.21	3.105	1.25	25	0.75	272	3.98
Thorium-232	2.63	1.685	1.37	8.32	0.76	107	1.85
Uranium-234	6.19	2.46	2.25	11.1	ND	85	3.14
Uranium-235	0.34	0.123	0.0510	0.628	ND	4.9	0.162
Uranium-238	6.2	2.335	1.12	11.3	0.63	88	3.06

Notes: All data units are in picocuries per gram.

Table 4-6
Surface Soil Samples
Gamma Spectroscopy Summary Statistics

Isotope	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Bi-212	2.20	2.0	1.5	1.10	ND	8.0	1.99
Bi-214	7.63	3.3	1.3	15.4	0.66	110	3.69
K-40	20.6	20	20	4.00	7.3	36	20.2
Pb-212	2.17	1.9	1.5	0.984	0.76	6.8	2.00
Pb-214	8.71	3.6	1.6	18.8	0.78	150	4.13
Ra-226	10.6	4.6	1.8	22.6	0.93	170	5.07
Ra-228	1.98	1.8	1.4	0.937	0.68	7.3	1.82
Th-234	5.25	3.3	3.8	6.23	0.55	42	3.62
Tl-208	0.626	0.55	0.55	0.295	0.209	2.2	0.575

Notes: All data units are in picocuries per gram.

Table 4-7
Surface Soil Samples
Concentration/Activity Variation in Duplicate

Metal / Isotope	Average Concentration/ Activity Variation (percent)	Maximum Concentration/ Activity Variation (percent)
Arsenic	-3.8	-33.3
Barium	-2.8	-29.2
Cadmium	-13	-91.0
Chromium	5.4	61.5
Lead	-8.3	-93.6
Mercury	0.83	-91.0
Molybdenum	2.4	62.0
Selenium	6.1	82.7
Silver	-0.84	-68.2
Vanadium	-7.7	-65.7
Zinc	-2.8	34.4
Thorium-228	5.1	52.0
Thorium-230	-0.20	95.3
Thorium-232	0.59	33.5
Uranium-234	-1.9	-59.7
Uranium-235	-2.3	-80.2
Uranium-238	-2.5	-58.5

Notes: All metals units in milligrams per kilogram,
all isotope units in picocuries per gram.

Table 4-8
Surface Soil Samples
Concentration/Activity Variation in Collocated Samples

Metal / Isotope	Average Concentration/ Activity Variation (percent)	Maximum Concentration/ Activity Variation (percent)
Arsenic	16.9	121
Barium	44.1	213
Cadmium	123	825
Chromium	-14.9	-41.7
Lead	46.9	400
Mercury	72.3	456
Molybdenum	17.1	100
Selenium	9.69	100
Silver	115	450
Vanadium	11.0	43.8
Zinc	73.1	633
Thorium-228	-4.02	-34.7
Thorium-230	15.2	181
Thorium-232	-12.2	-28.4
Uranium-234	36.0	350
Uranium-235	177	1530
Uranium-238	36.3	306

Notes: All metals units in milligrams per kilogram,
all isotope units in picocuries per gram.

Table 4-9
Surface Soil Samples
Background Sample Summary Statistics

Metal / Isotope	Mean	Lognormal Mean	Background Upper Limit¹
Arsenic	6.9	6.5	13
Barium	180	150	370
Cadmium	0.34	0.096	1.5
Chromium	12	12	16
Lead	33	26	86
Mercury	0.18	0.11	0.63
Molybdenum	2.7	2.3	6.1
Selenium	0.72	0.65	1.7
Silver	0.065	0.057	0.12
Vanadium	27	26	44
Zinc	120	100	250
Thorium-228	1.7	1.6	2.7
Thorium-230	1.2	1.2	1.7
Thorium-232	1.5	1.50	2.4
Uranium-234	1.0	0.98	1.9
Uranium-235	0.059	0.057	0.098
Uranium-238	1.0	0.99	1.6
Bi-212	1.8	1.7	2.7
Bi-214	1.2	1.1	1.9
Co-56	0.16	0.14	0.34
K-40	21	21	27
Pb-212	1.8	1.7	2.7
Pb-214	1.4	1.3	2.3
Ra-226	1.7	1.6	2.7
Ra-228	1.6	1.5	2.4
Th-234	2.2	2.1	4.1
Tl-208	0.50	0.49	0.74

Notes: All metals units in milligrams per kilogram, all isotope units in picocuries per gram; Background upper limit represents 95-percent confidence limit using small sample set statistics.

Table 4-10
Test Pit Samples - Metals

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CP3-8	4.0	190	ND (<1.10)	17	12	0.011 B	4.1	0.82 B	ND (<1.1)	34	74
CP4-3	8.5	130	ND (<1.20)	14	27	2.8	1.2 B	1.0 B	ND (<1.2)	29	75
CP4-10	2.6	77	ND (<0.55)	12	13	1.1	1.3	0.66	ND (<1.1)	21	45
CP4-11	4.1	160	ND (<1.10)	18	28	0.023 B	1.6	0.67 B	ND (<1.1)	30	68
CP5-6.5	3.6	160	ND (<1.20)	15	16	0.030 B	2.1	0.92 B	ND (<1.2)	34	70
CP5-10	3.2	130	ND (<1.10)	14	19	0.24	2.4	ND (<1.1)	ND (<1.1)	27	59
CP6-10	3.3	120	ND (<1.10)	16	35	0.2	2.1	0.87 B	ND (<1.1)	29	85
CP7-1	8.3	130	ND (<0.55)	12	65	3.2	15	0.98	ND (<1.1)	53	260
CP8-3.5	10	250	ND (<1.10)	13	96	1.7	7.3	2.0	ND (<1.1)	39	450
CP9-3	7.2	90	ND (<1.30)	16	19	0.091 B	2.0	1.6	ND (<1.3)	30	75
CP9-6	1.8	150	ND (<1.20)	14	7.3	0.0054 B	1.3	0.93 B	ND (<1.2)	32	59
CP10-3	11	79	0.90	8.2	280	0.7	21	0.65	1.4	15	270
CP11-1	9.5	190	ND (<1.10)	19	89	0.32	2.9	0.54 B	0.29 B	30	190
CP11-1(DUP)	8.7	180	ND (<0.59)	15	72	0.2	2.6	0.39 B	5.0	27	160
CP12-6	5.8	270	ND (<1.10)	16	16	0.025 B	1.5	0.60 B	ND (<1.1)	29	68
CP13-3	57	190	6.4	12	1300	2	34	1.4	8.5	34	1500
CP13-9	4.0	120	ND (<1.10)	15	82	0.14	2.5	ND (<1.1)	0.11 B	26	180
CP14-3.5	17	600	3.7	130	180	0.95	25	3.3	1.2	110	1100
CP14-8	11	150	ND (<1.10)	15	270	0.6	14	0.94 B	0.46 B	29	210
CP15-8.5	1.3	70	ND (<0.55)	12	7.2	0.0040 B	1.2	0.66	ND (<1.1)	21	34
CP15-8.5(DUP)	1.6	65	ND (<0.54)	12	6.8	0.031 B	1.6	0.72	ND (<1.1)	21	33
CP16-1.5	3.6	96	ND (<1.0)	39	16	0.030 B	2.7	0.86 B	ND (<1.0)	35	78
CP16-7	2.4	130	ND (<1.1)	17	14	0.043 B	2.0	1.4	ND (<1.1)	31	66
CP17-5	2.7	96	ND (<1.1)	15	22	0.018 B	1.2	0.58 B	ND (<1.1)	26	61
CP18-1	22	200	4.0	10	430	0.99	6.9	0.95 B	2.2	35	670
CP18-9	7.1	120	0.28 B	13	72	0.28	2.1	0.99	0.17 B	26	180
CP19-1	61	400	16	14	1100	7	28	1.4	5.0	31	2200
CP20-7	8.7	150	0.48 B	9.7	73	0.31	5.4	1.4	0.31 B	18	370
CP20-7(DUP)	5.3	180	ND (<1.1)	8.2	160	0.88	3.5	0.92 B	0.13 B	15	210
CP20-8	9.3	170	0.59 B	9.6	120	6.6	6.6	0.69 B	0.57 B	37	290
CP21-1	48	140	2.4	11	740	30	74	7.4	4.5	100	610
CP21-1.5	180	160	7.9	11	4000	220	82	14	120	130	1600
CP21-3	24	140	1.5	16	240	2	22	1.5	0.89 B	44	430
CP21-3A	150	790	17	16	12000	5	290	19	28	130	3000
CP22-1.5	69	250	1.9	16	800	16	390	5.6	4.0	76	530
CP22-1.5(DUP)	110	300	2.7	22	900	17	290	6.0	6.1	90	810
CP23-4	55	210	11	12	810	5.7	66	5.2	4.2	66	2600
CP24-0.5	80	240	1.4 B	24	840	4.1	110	12	3.7	100	430
CP24-1.5	3.3	120	ND (<0.56)	2.9	130	0.4	440	6.0	0.67 B	1.8	15
CP24-1.5(DUP)	1.3	160	ND (<0.56)	3.4	140	0.13	420	5.2	0.68 B	1.8	24
CP25-1	0.98 B	150	ND (<0.58)	2.4	110	0.034 B	610	3.9	0.38 B	0.0710 B	13

Table 4-10
Test Pit Samples - Metals

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CP25-3	2.9	100	ND (<1.1)	16	20	0.2	1.8	0.47 B	ND (<1.1)	27	58
CP26-1	11	120	0.81 B	15	100	0.29	4.6	0.62 B	0.19 B	34	170
CP27-0.5	ND (<7.0)	16 B	1.2 B	ND (<7.0)	640	0.13 B	9.1	24	2.0 B	11	3300
CP27-1	51	61	ND (<5.8)	7.5	1600	1.1	11	7.1	1.1 B	47	950
CP27-4	5.8	110	0.54 B	18	19	0.047 B	1.6	1.2 B	ND (<1.3)	28	800
CP27-6	7.6	110	0.54 B	7.1	790	0.74	9.1	17	2.2	29	3100
CP27-9	2.1	140	ND (<1.1)	15	13	0.0076 B	1.0 B	1.2	ND (<1.1)	32	60
CP28-3	5.5	190	ND (<1.1)	12	51	0.43	2.7	1.0 B	0.047 B	26	99
CP29-1	12	520	0.98 B	24	110	4.9	35	1.5	0.41 B	59	360
CP29-6	6.4	280	ND (<1.1)	19	22	0.29	8.4	0.91 B	ND (<1.1)	40	94
CP29-9	3.3	110	ND (<1.1)	17	20	0.10 B	3.3	0.51 B	ND (<1.1)	27	70
CP29-9(DUP)	2.3	85	ND (<1.0)	15	16	0.013 B	2.5	0.63 B	ND (<1.0)	25	60
CP30-1	12	140	0.43 B	11	110	0.12	12	0.99	0.39 B	31	150
CP30-1(DUP)	11	150	0.35 B	9.9	83	0.14	5.0	0.79	0.38 B	30	130
CP31-0.25	23	230	1.8	12	260	0.87	14	1.4	1.3	44	380
CP31-3	9.9	1300	ND (<1.5)	11	11	0.029 B	5.2	4.2	ND (<1.5)	36	15
CP32-1A(CLAY)	11	120	ND (<1.2)	14	27	0.99	2.4	1.6	ND (<1.2)	27	88
CP32-5	8.8	120	ND (<0.6)	12	20	0.038 B	2.5	1.3	ND (<1.2)	24	71
CP33-1	130	470	0.35 B	17	180	0.4	25	2.8	1.9	52	560
CP34-3	2.5	88	ND (<0.53)	15	16	0.034 B	2.2	0.70	ND (<1.1)	23	130
CP35-0.5	8.2	21	0.28 B	4.6	23	0.014 B	1.4	4.3	0.15 B	11	34
CP36-1	9.3	770	0.42 B	11	29	0.19	6.2	1.3	0.33 B	27	120

Notes: All data units in milligrams per kilogram; ND, not detected; B, compound identified but at less than practical reporting limit, qualitative value.

Table 4-11
Test Pit Samples - Alpha Spectroscopy

Sample ID	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
CP3-8	2.0	1.5	1.8	0.93	0.088 LT	1.1
CP4-3	1.4	1.1	1.5	0.71	0.045 LT	0.72
CP4-10	2.0	0.87	1.9	0.9	0.024 LT	1.0
CP4-11	4.9	1.6	4.4	1.4	0.051 LT	1.3
CP5-6.5	1.5	1.0	1.4	0.93	0.044 LT	1.1
CP5-10	3.2	1.3	2.8	1.2	0.095 LT	1.2
CP6-10	3.5	1.3	3.3	1.2	0.057 LT	1.3
CP7-1	2.5	3.0	2.1	2.9	0.13	3.1
CP8-3.5	1.9	2.1	1.5	1.4	0.058 LT	1.5
CP9-3	1.4	0.98	1.3	0.89	0.058 LT	0.91
CP9-6	2.1	1.2	2.0	0.95	0.077 LT	0.91
CP10-3	2.0	2.1	1.8	2.2	0.14	2.3
CP11-1	5.0	1.4	4.5	1.1	0.053 LT	1.3
CP11-1(DUP)	43	2.2	41	1.2	0.075 LT	1.3
CP12-6	1.6	1.2	1.5	1.1	0.072 LT	1.1
CP13-3	2.1	9.0	1.8	7.9	0.38	8.4
CP13-9	3.2	1.6	3.0	2.5	0.097 LT	2.3
CP14-3.5	0.79	8.9	0.81	7.8	0.33	8.1
CP14-8	1.1	1.1	1.1	1.2	0.067 LT	1.3
CP15-8.5	2.2	0.87	2.3	0.98	0.058 LT	0.88
CP15-8.5(DUP)	2.1	0.76	2.0	0.9	0.065 LT	0.93
CP16-1.5	1.1	0.93	1.2	0.7	0.046 LT	0.82
CP16-7	2.6	1.3	2.5	1.3	0.061 LT	1.2
CP17-5	3.8	1.4	3.5	1.4	0.060 LT	1.3
CP18-1	1.5	5.4	1.5	5.1	0.27	4.9
CP18-9	1.4	1.6	1.4	2.0	0.10	2.0
CP19-1	1.8	61	2.1	58	3.5	60
CP20-7	1.2	2.4	1.1	1.9	0.089 LT	1.8
CP20-7(DUP)	1.1	2.4	0.96	1.7	0.082 LT	1.9
CP20-8	1.4	2.6	1.4	2.1	0.084 LT	2.2
CP21-1	3.8	72	2.6	41	2.3	43
CP21-1.5	4.6	102	6.2	66	3.7	71
CP21-3	2.8 Y2	6.5 Y2	2.8 Y2	8.9	0.46	9.0
CP21-3A	1.8	64	1.7	59	2.8	57
CP22-1.5	5.4	22	5.2	13	0.59	13
CP22-1.5(DUP)	5.2	21	5.3	13	0.63	13
CP23-4	0.92	14	1.0	9.2	0.66	9.3
CP24-0.5	8.3	85	7.9	42	1.8	44
CP24-1.5	7.1	2.4	6.4	1.7	0.13	1.7
CP24-1.5(DUP)	5.5	2.0	5.1	1.7	0.088 LT	1.5
CP25-1	4.9	1.5	4.6	4.8	0.29	5.5
CP25-3	3.9	2.0	4.1	2.1	0.18	2.3
CP26-1	1.7 Y2	1.6 Y2	1.6 Y2	1.4	0.074 LT	1.3
CP27-0.5	0.27	0.46	0.14	0.28 Y2	0.037 LT	0.27 Y2
CP27-1	0.32	5.2	0.32	2.1	ND (<0.098)	2.0
CP27-4	1.6	1.6	1.1	0.82	0.050 LT	0.91
CP27-6	1.5	1.3	1.5	0.85	0.089 LT	0.79
CP27-9	2.3	1.3	2.3	0.93	0.053 LT	0.85
CP28-3	1.6	1.1	1.4	0.73	0.070 LT	0.79
CP29-1	2.4	1.8	1.8	1.7	0.089 LT	1.6
CP29-6	1.9	1.4	1.8	1.1	0.038 LT	1.1
CP29-9	2.8	1.4	2.9	1.3	0.070 LT	1.4
CP29-9(DUP)	3.5	1.5	3.1	1.5	0.060 LT	1.5
CP30-1	2.2	4.8	2.1	5.9	0.28	6.1
CP30-1(DUP)	2.0	3.6	1.9	5.8	0.34	5.7
CP31-0.25	5.3	4.5	4.2	4.2	0.23	4.3
CP31-3	0.84	0.87	0.71	0.84	0.038 LT	0.63
CP32-1A(CLAY)	1.2	2.8	1.2	1.7	0.097 LT	1.7
CP32-5	1.2	3.1	1.1	1.5	0.050 LT	1.5
CP33-1	1.3	3.9	1.3	4.8 Y2	0.22 Y2	5.1 Y2
CP34-3	2.8	1.2	2.4	1.1	0.058 LT	1.2
CP35-0.5	1.4	75	2.1	60	2.9	47
CP36-1	2.2	2.2	1.8	2.6	0.16	2.5

Notes: All data units in picocuries per gram; ND, not detected; LT, less than requested minimum detection limit, greater than sample specific minimum detection limit; Y2, chemical yield outside default limits.

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56
CP3-8	ND (<0.055)	ND (<0.053)	ND (<0.20)	ND (<0.67)	2.7	0.97	3.5 SI	ND (<0.042)	ND (<0.27)	ND (<0.19)
CP4-3	ND (<0.059)	ND (<0.060)	ND (<0.38)	ND (<0.72)	1.8	1.2	4.3 SI	ND (<0.044)	ND (<0.27)	ND (<0.22)
CP4-10	ND (<0.054)	ND (<0.043)	ND (<0.44)	ND (<0.72)	3.3	1.2	5.8 SI	ND (<0.047)	ND (<0.29)	ND (<0.14)
CP4-11	ND (<0.081)	ND (<0.080)	ND (<0.12)	ND (<1.0)	5.6	1.7	9.0 SI	ND (<0.057)	ND (<0.35)	0.23
CP5-6.5	ND (<0.039)	ND (<0.033)	ND (<0.14)	ND (<0.48)	2.0	1.2	4.4 SI	ND (<0.031)	ND (<0.19)	ND (<0.16)
CP5-10	ND (<0.053)	ND (<0.054)	ND (<0.20)	ND (<0.68)	2.5	1.4	6.6 SI	ND (<0.043)	ND (<0.28)	0.22
CP6-10	ND (<0.070)	ND (<0.063)	ND (<0.11)	ND (<0.83)	3.5	1.5	7.7 SI	ND (<0.051)	ND (<0.30)	ND (<0.15)
CP7-1	ND (<0.065)	ND (<0.053)	ND (<0.47)	ND (<0.77)	2.4	3.9	9.0 SI	ND (<0.053)	ND (<0.35)	0.66
CP8-3.5	ND (<0.058)	ND (<0.053)	ND (<0.44)	ND (<0.73)	1.9	2.2	6.0 SI	ND (<0.046)	ND (<0.34)	0.25
CP9-3	ND (<0.047)	ND (<0.044)	ND (<0.28)	ND (<0.64)	1.5	1.1	4.3 SI	ND (<0.040)	ND (<0.23)	0.15
CP9-6	ND (<0.042)	ND (<0.037)	ND (<0.32)	ND (<0.53)	2.3	0.92	5.5 SI	ND (<0.032)	ND (<0.21)	0.13
CP10-3	ND (<0.063)	ND (<0.056)	ND (<0.41)	ND (<0.82)	3.0	1.9	6.5 SI	ND (<0.057)	ND (<0.33)	0.31
CP11-1	ND (<0.044)	ND (<0.040)	ND (<0.25)	ND (<0.57)	4.7	1.6	9.5 SI	ND (<0.041)	ND (<0.25)	0.27
CP11-1(DUP)	ND (<0.074)	ND (<0.062)	ND (<0.24)	ND (<0.94)	31	1.9	44 SI	ND (<0.064)	ND (<0.72)	0.18
CP12-6	ND (<0.044)	ND (<0.030)	ND (<0.30)	ND (<0.51)	1.5	1.1	4.6 SI	ND (<0.033)	ND (<0.27)	0.16
CP13-3	ND (<0.065)	ND (<0.071)	ND (<0.33)	ND (<1.3)	2.6	8.1	12 SI	ND (<0.053)	ND (<0.32)	1.2
CP13-9	ND (<0.058)	ND (<0.057)	ND (<0.36)	ND (<0.75)	4.3	2.3	8.7 SI	ND (<0.052)	ND (<0.29)	0.45
CP14-3.5	ND (<0.073)	ND (<0.077)	ND (<0.73)	ND (<1.5)	ND (<1.1)	8.4	9.1 SI	ND (<0.11)	ND (<0.49)	0.64
CP14-8	ND (<0.037)	ND (<0.034)	ND (<0.21)	ND (<0.50)	1.8	1.3	4.3 SI	ND (<0.034)	ND (<0.20)	0.17
CP15-8.5	ND (<0.070)	ND (<0.078)	ND (<0.49)	ND (<0.87)	2.1	0.8	4.4 SI	ND (<0.054)	ND (<0.35)	0.13
CP15-8.5(DUP)	ND (<0.062)	ND (<0.058)	ND (<0.51)	ND (<0.87)	1.6	4.7	7.6 SI	ND (<0.057)	ND (<0.38)	0.81
CP16-1.5	ND (<0.057)	ND (<0.039)	ND (<0.34)	ND (<0.70)	2.3	0.89	4.1 SI	ND (<0.051)	ND (<0.28)	ND (<0.12)
CP16-7	ND (<0.048)	ND (<0.043)	0.10	ND (<0.60)	3.1	1.5	7.8 SI	ND (<0.037)	ND (<0.23)	0.13
CP17-5	ND (<0.072)	ND (<0.063)	ND (<0.12)	ND (<0.80)	2.8	1.3	6.3 SI	ND (<0.052)	ND (<0.32)	0.23
CP18-1	ND (<0.062)	ND (<0.057)	ND (<0.36)	ND (<0.82)	4.1	1.1	7.7 SI	ND (<0.057)	ND (<0.35)	ND (<0.17)
CP18-9	ND (<0.056)	ND (<0.055)	ND (<0.22)	ND (<0.71)	ND (<0.97)	1.3	4.4 SI	ND (<0.047)	ND (<0.28)	ND (<0.21)
CP19-1	ND (<0.220)	ND (<0.170)	ND (<2.4)	ND (<5.3)	ND (<3.0)	430	240 SI	0.39	ND (<1.6)	2.13
CP20-7	ND (<0.063)	ND (<0.049)	ND (<0.37)	ND (<0.86)	0.89	2.2	4.2 SI	ND (<0.057)	ND (<0.31)	0.44
CP20-7(DUP)	ND (<0.043)	ND (<0.046)	ND (<0.19)	ND (<0.55)	1.0	2.7	4.2 SI	ND (<0.031)	ND (<0.19)	0.33
CP20-8	ND (<0.066)	ND (<0.069)	ND (<0.50)	ND (<0.84)	1.1	2.6	6.5 SI	ND (<0.059)	ND (<0.37)	0.31
CP21-1	ND (<0.11)	ND (<0.090)	ND (<0.93)	ND (<2.7)	4.4	72	30 SI	ND (<0.13)	ND (<0.74)	2.4
CP21-1.5	ND (<0.18)	ND (<0.15)	3.0	ND (<4.4)	5.4	90	35 SI	ND (<0.34)	ND (<1.2)	ND (<1.60)
CP21-3	ND (<0.075)	ND (<0.071)	ND (<0.13)	ND (<0.85)	2.7	4.3	9.7 SI	ND (<0.058)	ND (<0.34)	ND (<0.39)
CP21-3A	ND (<0.097)	ND (<0.072)	ND (<0.38)	ND (<1.7)	2.4	26	ND (<3.2)	ND (<0.098)	ND (<0.62)	ND (<0.82)
CP22-1.5	ND (<0.090)	ND (<0.085)	ND (<0.77)	ND (<1.7)	6.6	17	5.0 SI	ND (<0.14)	ND (<0.55)	2.0
CP22-1.5(DUP)	ND (<0.071)	ND (<0.063)	0.90	ND (<1.5)	5.8	18	30 SI	ND (<0.085)	ND (<0.51)	2.4
CP23-4	ND (<0.059)	ND (<0.051)	ND (<0.11)	ND (<0.74)	0.68	7.5	6.5 SI	ND (<0.054)	ND (<0.33)	1.3
CP24-0.5	ND (<0.14)	ND (<0.13)	ND (<1.3)	ND (<2.7)	7.2	39	63 SI	ND (<0.15)	ND (<0.94)	6.0
CP24-1.5	ND (<0.070)	ND (<0.063)	ND (<0.67)	ND (<0.87)	9.7	6.3	25 SI	ND (<0.072)	ND (<0.44)	0.33
CP24-1.5(DUP)	ND (<0.053)	ND (<0.045)	1.3	ND (<0.66)	12	7.2	5.9 SI	ND (<0.047)	ND (<0.30)	1.0
CP25-1	ND (<0.055)	ND (<0.045)	ND (<0.48)	ND (<0.68)	7.1	4.7	18 SI	ND (<0.048)	ND (<0.32)	ND (<0.28)

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56
CP25-3	ND (<0.054)	ND (<0.045)	0.18	ND (<0.62)	4.9	1.8	9.1 SI	ND (<0.042)	ND (<0.26)	0.37
CP26-1	ND (<0.038)	ND (<0.039)	0.24	ND (<0.45)	2.1	1.9	4.7 SI	ND (<0.031)	ND (<0.20)	0.22
CP27-0.5	ND (<0.053)	ND (<0.050)	ND (<0.39)	ND (<0.68)	ND (<0.74)	0.39	ND (<1.3)	ND (<0.042)	ND (<0.25)	ND (<0.12)
CP27-1	ND (<0.064)	ND (<0.058)	ND (<0.45)	ND (<0.80)	ND (<0.86)	4.2	ND (<1.9)	ND (<0.059)	ND (<0.36)	0.65
CP27-4	ND (<0.056)	ND (<0.064)	ND (<0.23)	ND (<0.66)	1.5	0.72	2.5 SI	ND (<0.040)	ND (<0.23)	ND (<0.21)
CP27-6	ND (<0.032)	ND (<0.032)	ND (<0.12)	ND (<0.41)	ND (<0.72)	1.5	2.5 SI	ND (<0.027)	ND (<0.18)	ND (<0.14)
CP27-9	ND (<0.052)	ND (<0.046)	ND (<0.19)	ND (<0.63)	2.5	1.1	5.5 SI	ND (<0.041)	ND (<0.26)	0.18
CP28-3	ND (<0.067)	ND (<0.070)	ND (<0.10)	ND (<0.76)	2.5	1.1	3.2 SI	ND (<0.043)	ND (<0.26)	0.23
CP29-1	ND (<0.079)	ND (<0.063)	ND (<0.48)	ND (<1.1)	2.1	7.1	9.9 SI	ND (<0.074)	ND (<0.41)	1.1
CP29-6	ND (<0.047)	ND (<0.044)	ND (<0.11)	ND (<0.57)	2.4	1.7	3.6 SI	ND (<0.032)	ND (<0.20)	0.34
CP29-9	ND (<0.060)	ND (<0.044)	0.27	ND (<0.72)	3.9	1.5	8.0 SI	ND (<0.048)	ND (<0.35)	0.18
CP29-9(DUP)	ND (<0.073)	ND (<0.061)	ND (<0.12)	ND (<0.85)	4.1	1.4	8.1 SI	ND (<0.055)	ND (<0.34)	0.26
CP30-1	ND (<0.050)	ND (<0.048)	ND (<0.32)	ND (<1.0)	2.9	3.6	8.3 SI	ND (<0.053)	ND (<0.31)	0.48
CP30-1(DUP)	ND (<0.073)	ND (<0.068)	ND (<0.13)	ND (<0.83)	2.4	2.8	4.9 SI	ND (<0.053)	ND (<0.32)	0.31
CP31-0.25	ND (<0.058)	ND (<0.054)	0.29	ND (<0.73)	3.4	4.8	12 SI	ND (<0.051)	ND (<0.33)	0.84
CP31-3	ND (<0.055)	ND (<0.050)	ND (<0.30)	ND (<0.69)	1.3	0.72	3.9 SI	ND (<0.046)	ND (<0.27)	0.15
CP32-1A(CLAY)	ND (<0.052)	ND (<0.056)	ND (<0.12)	ND (<0.64)	1.4	2.5	5.0 SI	ND (<0.045)	ND (<0.28)	0.54
CP32-5	ND (<0.047)	ND (<0.054)	ND (<0.093)	ND (<0.59)	1.3	1.7	3.5 SI	ND (<0.033)	ND (<0.20)	0.22
CP33-1	ND (<0.089)	ND (<0.062)	ND (<0.24)	ND (<0.70)	1.2	3.2	4.7 SI	ND (<0.045)	ND (<0.31)	ND (<0.30)
CP34-3	ND (<0.055)	ND (<0.057)	ND (<0.39)	ND (<0.61)	3.5	1.4	7.5 SI	ND (<0.044)	ND (<0.27)	ND (<0.20)
CP35-0.5	ND (<0.17)	ND (<0.16)	ND (<0.36)	ND (<3.90)	ND (<2.7)	86	85 SI	ND (<0.16)	ND (<0.98)	6.4
CP36-1	ND (<0.051)	ND (<0.050)	0.35	ND (<0.68)	2.6	3.1	9.0 SI	ND (<0.047)	ND (<0.28)	0.43

Notes: All data units in picocuries per gram; ND, not detected; LT, less than requested minimum detection limit, greater than sample specific minimum detection limit;
TI, nuclide identification is tentative; SI, nuclide identification and/or quantitation is tentative.

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Co-57	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155
CP3-8	ND (<0.038)	ND (<0.079)	ND (<0.059)	ND (<1.2)	ND (<0.062)	ND (<0.054)	ND (<0.28)	ND (<0.30)	ND (<0.10)
CP4-3	ND (<0.037)	ND (<0.085)	ND (<0.068)	ND (<1.3)	0.16	ND (<0.057)	ND (<0.30)	ND (<0.35)	ND (<0.14)
CP4-10	ND (<0.039)	ND (<0.086)	ND (<0.060)	ND (<1.2)	ND (<0.058)	ND (<0.060)	ND (<0.24)	ND (<0.33)	ND (<0.18)
CP4-11	ND (<0.045)	ND (<0.12)	ND (<0.094)	ND (<1.7)	0.083	ND (<0.081)	ND (<0.38)	ND (<0.46)	0.21
CP5-6.5	ND (<0.017)	ND (<0.081)	ND (<0.040)	ND (<0.92)	0.095	ND (<0.051)	ND (<0.19)	ND (<0.21)	ND (<0.10)
CP5-10	ND (<0.039)	ND (<0.076)	ND (<0.055)	ND (<1.3)	ND (<0.061)	ND (<0.053)	ND (<0.27)	ND (<0.28)	ND (<0.14)
CP6-10	ND (<0.037)	ND (<0.097)	ND (<0.085)	ND (<1.3)	0.073	ND (<0.074)	ND (<0.36)	ND (<0.37)	0.15
CP7-1	ND (<0.046)	ND (<0.094)	ND (<0.072)	ND (<1.3)	ND (<0.049)	ND (<0.066)	ND (<0.34)	ND (<0.54)	ND (<0.28)
CP8-3.5	ND (<0.040)	ND (<0.083)	ND (<0.059)	ND (<1.3)	ND (<0.057)	ND (<0.058)	ND (<0.18)	ND (<0.32)	ND (<0.17)
CP9-3	ND (<0.029)	ND (<0.072)	ND (<0.047)	ND (<1.0)	ND (<0.043)	ND (<0.049)	ND (<0.25)	ND (<0.37)	ND (<0.14)
CP9-6	ND (<0.028)	ND (<0.066)	ND (<0.044)	ND (<0.9)	ND (<0.042)	ND (<0.040)	ND (<0.19)	ND (<0.23)	ND (<0.14)
CP10-3	ND (<0.042)	ND (<0.091)	ND (<0.061)	ND (<1.4)	ND (<0.058)	ND (<0.067)	ND (<0.32)	ND (<0.34)	ND (<0.17)
CP11-1	ND (<0.033)	ND (<0.085)	ND (<0.042)	ND (<0.90)	0.11	ND (<0.043)	ND (<0.21)	ND (<0.22)	0.19
CP11-1(DUP)	ND (<0.059)	ND (<0.083)	ND (<0.060)	ND (<1.4)	1.5	ND (<0.071)	ND (<0.31)	ND (<0.45)	1.4
CP12-6	ND (<0.027)	ND (<0.062)	ND (<0.045)	ND (<0.87)	ND (<0.036)	ND (<0.043)	ND (<0.18)	ND (<0.24)	ND (<0.14)
CP13-3	ND (<0.037)	ND (<0.14)	ND (<0.081)	ND (<1.4)	ND (<1.0)	ND (<0.10)	0.81	ND (<0.39)	ND (<0.17)
CP13-9	ND (<0.038)	ND (<0.085)	ND (<0.056)	ND (<1.3)	ND (<0.054)	ND (<0.056)	ND (<0.25)	ND (<0.29)	ND (<0.19)
CP14-3.5	ND (<0.066)	ND (<0.17)	ND (<0.099)	ND (<1.6)	ND (<0.094)	ND (<0.076)	0.76	ND (<0.55)	ND (<0.25)
CP14-8	ND (<0.027)	ND (<0.050)	ND (<0.039)	ND (<0.80)	ND (<0.530)	ND (<0.037)	ND (<0.19)	ND (<0.21)	ND (<0.12)
CP15-8.5	ND (<0.046)	ND (<0.095)	ND (<0.085)	ND (<1.3)	0.11	ND (<0.070)	ND (<0.33)	ND (<0.42)	ND (<0.17)
CP15-8.5(DUP)	ND (<0.043)	ND (<0.098)	ND (<0.073)	ND (<1.4)	ND (<0.063)	ND (<0.063)	ND (<0.51)	ND (<0.38)	ND (<0.19)
CP16-1.5	ND (<0.037)	ND (<0.083)	ND (<0.060)	ND (<1.2)	ND (<0.052)	ND (<0.055)	ND (<0.30)	ND (<0.32)	ND (<0.15)
CP16-7	ND (<0.028)	ND (<0.062)	ND (<0.046)	ND (<1.0)	0.051	ND (<0.048)	ND (<0.20)	ND (<0.25)	0.20
CP17-5	ND (<0.040)	ND (<0.083)	ND (<0.069)	ND (<1.3)	ND (<0.058)	ND (<0.067)	ND (<0.23)	ND (<0.35)	ND (<0.11)
CP18-1	ND (<0.047)	ND (<0.079)	ND (<0.065)	ND (<1.3)	0.066	ND (<0.062)	ND (<0.31)	ND (<0.33)	ND (<0.14)
CP18-9	ND (<0.038)	ND (<0.080)	ND (<0.064)	ND (<1.2)	ND (<0.062)	ND (<0.057)	ND (<0.31)	ND (<0.33)	ND (<0.16)
CP19-1	0.50	ND (<0.36)	ND (<0.19)	ND (<5.9)	0.22	ND (<0.15)	4.42	ND (<2.0)	ND (<0.84)
CP20-7	ND (<0.040)	ND (<0.096)	ND (<0.058)	ND (<1.3)	ND (<0.057)	ND (<0.062)	ND (<0.34)	ND (<0.34)	ND (<0.17)
CP20-7(DUP)	ND (<0.022)	ND (<0.084)	ND (<0.051)	ND (<0.88)	ND (<0.046)	ND (<0.041)	ND (<0.28)	ND (<0.34)	ND (<0.087)
CP20-8	ND (<0.048)	ND (<0.10)	ND (<0.080)	ND (<1.5)	ND (<0.065)	ND (<0.072)	ND (<0.44)	ND (<0.42)	ND (<0.12)
CP21-1	ND (<0.094)	ND (<0.26)	ND (<0.12)	ND (<2.9)	0.13	ND (<0.150)	ND (<1.4)	ND (<0.95)	ND (<0.37)
CP21-1.5	ND (<0.16)	ND (<0.44)	ND (<0.20)	ND (<5.0)	ND (<0.17)	ND (<0.260)	4.2	ND (<1.6)	ND (<0.63)
CP21-3	ND (<0.043)	ND (<0.12)	ND (<0.087)	ND (<1.3)	ND (<0.068)	ND (<0.075)	0.59	ND (<0.42)	ND (<0.14)
CP21-3A	0.089	ND (<0.13)	ND (<0.10)	ND (<2.1)	ND (<0.076)	ND (<0.098)	3.75	ND (<0.83)	ND (<0.29)
CP22-1.5	ND (<0.073)	ND (<0.18)	ND (<0.10)	ND (<1.8)	0.21	ND (<0.13)	ND (<1.1)	ND (<0.81)	ND (<0.35)
CP22-1.5(DUP)	ND (<0.066)	ND (<0.15)	ND (<0.076)	ND (<1.5)	ND (<1.0)	ND (<0.10)	ND (<0.74)	0.77	ND (<0.30)
CP23-4	ND (<0.026)	ND (<0.075)	ND (<0.061)	ND (<1.3)	ND (<0.053)	ND (<0.054)	0.88	ND (<0.45)	ND (<0.15)
CP24-0.5	ND (<0.13)	ND (<0.30)	ND (<0.17)	ND (<3.0)	0.18	ND (<0.20)	ND (<1.9)	ND (<1.4)	ND (<0.47)
CP24-1.5	ND (<0.059)	ND (<0.13)	ND (<0.069)	ND (<1.3)	0.47	ND (<0.097)	0.51	ND (<0.35)	ND (<0.22)
CP24-1.5(DUP)	ND (<0.042)	ND (<0.10)	ND (<0.052)	ND (<1.2)	0.36	ND (<0.072)	ND (<0.41)	ND (<0.26)	0.38
CP25-1	ND (<0.042)	ND (<0.074)	ND (<0.053)	ND (<1.1)	0.099	ND (<0.076)	0.59	ND (<0.27)	0.40

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Co-57	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155
CP25-3	ND (<0.033)	ND (<0.071)	ND (<0.051)	ND (<1.0)	0.066	ND (<0.081)	0.24	ND (<0.29)	0.16
CP26-1	ND (<0.028)	ND (<0.075)	ND (<0.043)	ND (<0.73)	0.064	ND (<0.053)	ND (<0.23)	ND (<0.22)	ND (<0.11)
CP27-0.5	ND (<0.034)	ND (<0.068)	ND (<0.055)	ND (<1.1)	ND (<0.087)	ND (<0.051)	ND (<0.26)	ND (<0.28)	ND (<0.16)
CP27-1	ND (<0.048)	ND (<0.098)	ND (<0.080)	ND (<1.4)	ND (<0.11)	ND (<0.060)	ND (<0.29)	ND (<0.42)	ND (<0.18)
CP27-4	ND (<0.028)	ND (<0.080)	ND (<0.068)	ND (<1.1)	ND (<0.046)	ND (<0.057)	ND (<0.30)	ND (<0.33)	ND (<0.15)
CP27-6	ND (<0.023)	ND (<0.069)	ND (<0.038)	ND (<0.74)	ND (<0.032)	ND (<0.033)	ND (<0.13)	ND (<0.18)	ND (<0.086)
CP27-9	ND (<0.036)	ND (<0.068)	ND (<0.055)	ND (<1.1)	ND (<0.590)	ND (<0.051)	ND (<0.24)	ND (<0.27)	ND (<0.11)
CP28-3	ND (<0.033)	ND (<0.099)	ND (<0.077)	ND (<1.3)	ND (<0.061)	ND (<0.067)	ND (<0.31)	ND (<0.38)	ND (<0.16)
CP29-1	ND (<0.039)	ND (<0.16)	ND (<0.077)	ND (<1.7)	ND (<0.065)	ND (<0.10)	0.76	ND (<0.41)	ND (<0.21)
CP29-6	ND (<0.024)	ND (<0.075)	ND (<0.052)	ND (<0.92)	ND (<0.047)	ND (<0.046)	ND (<0.15)	ND (<0.29)	0.12
CP29-9	ND (<0.041)	ND (<0.088)	ND (<0.062)	ND (<1.2)	ND (<0.061)	ND (<0.059)	ND (<0.27)	ND (<0.33)	ND (<0.19)
CP29-9(DUP)	ND (<0.048)	ND (<0.098)	ND (<0.068)	ND (<1.5)	ND (<0.061)	ND (<0.069)	ND (<0.29)	ND (<0.37)	0.23
CP30-1	ND (<0.042)	ND (<0.074)	ND (<0.051)	ND (<1.1)	0.056	ND (<0.071)	0.26	ND (<0.44)	ND (<0.19)
CP30-1(DUP)	ND (<0.039)	ND (<0.11)	ND (<0.088)	ND (<1.4)	ND (<0.068)	ND (<0.067)	ND (<0.41)	ND (<0.59)	ND (<0.098)
CP31-0.25	ND (<0.046)	ND (<0.12)	ND (<0.062)	ND (<1.2)	0.12	ND (<0.082)	ND (<0.46)	ND (<0.33)	ND (<0.18)
CP31-3	ND (<0.037)	ND (<0.065)	ND (<0.055)	ND (<0.98)	ND (<0.037)	ND (<0.052)	ND (<0.29)	ND (<0.29)	ND (<0.16)
CP32-1A(CLAY)	ND (<0.038)	ND (<0.10)	ND (<0.063)	ND (<1.1)	0.066	ND (<0.073)	ND (<0.20)	ND (<0.31)	ND (<0.15)
CP32-5	ND (<0.025)	ND (<0.079)	ND (<0.055)	ND (<0.89)	ND (<0.049)	ND (<0.054)	ND (<0.26)	ND (<0.32)	ND (<0.12)
CP33-1	ND (<0.032)	ND (<0.088)	ND (<0.074)	ND (<1.1)	ND (<0.060)	0.084	ND (<0.40)	ND (<0.52)	ND (<0.13)
CP34-3	ND (<0.037)	ND (<0.073)	ND (<0.062)	ND (<1.0)	ND (<0.53)	ND (<0.054)	ND (<0.30)	ND (<0.32)	0.16
CP35-0.5	ND (<0.12)	ND (<0.27)	ND (<0.21)	ND (<3.9)	ND (<0.16)	ND (<0.24)	ND (<3.00)	ND (<1.5)	ND (<0.44)
CP36-1	ND (<0.038)	ND (<0.10)	ND (<0.054)	ND (<1.0)	0.089	ND (<0.073)	0.18	ND (<0.28)	ND (<0.17)

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Fe-59	I-131	K-40	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214
CP3-8	ND (<0.22)	ND (<2.8)	24	ND (<0.059)	ND (<0.068)	ND (<0.052)	ND (<0.11)	ND (<13)	2.1	1.4
CP4-3	ND (<0.26)	ND (<3.8)	19	ND (<0.062)	ND (<0.069)	ND (<0.056)	ND (<0.15)	ND (<10)	2.0	1.3
CP4-10	ND (<0.22)	ND (<3.4)	24	ND (<0.060)	ND (<0.065)	ND (<0.056)	ND (<0.15)	ND (<8.9)	2.7	1.3
CP4-11	ND (<0.34)	ND (<6.0)	26	ND (<0.083)	ND (<0.094)	ND (<0.079)	ND (<0.22)	ND (<13)	4.7	1.7
CP5-6.5	ND (<0.16)	ND (<2.8)	25	ND (<0.041)	ND (<0.043)	ND (<0.037)	ND (<0.08)	ND (<9.3)	1.9	1.4
CP5-10	ND (<0.22)	ND (<3.8)	22	ND (<0.058)	ND (<0.061)	ND (<0.052)	ND (<0.14)	ND (<9.2)	3.0	1.5
CP6-10	ND (<0.26)	ND (<2.8)	21	ND (<0.074)	ND (<0.076)	ND (<0.064)	ND (<0.17)	ND (<11)	3.8	1.6
CP7-1	ND (<0.26)	ND (<3.0)	21	ND (<0.071)	ND (<0.083)	ND (<0.060)	ND (<0.14)	ND (<6.5)	2.5	4.5
CP8-3.5	ND (<0.23)	ND (<3.4)	20	ND (<0.073)	ND (<0.060)	ND (<0.053)	ND (<0.15)	ND (<11)	1.9	2.5
CP9-3	ND (<0.19)	ND (<2.3)	19	ND (<0.045)	ND (<0.052)	ND (<0.046)	ND (<0.10)	ND (<4.9)	1.4	1.3
CP9-6	ND (<0.17)	ND (<2.7)	24	ND (<0.047)	ND (<0.047)	ND (<0.042)	ND (<0.11)	ND (<10)	2.2	1.3
CP10-3	ND (<0.23)	ND (<2.6)	21	ND (<0.073)	ND (<0.068)	ND (<0.063)	ND (<0.14)	ND (<11)	2.5	2.0
CP11-1	ND (<0.22)	ND (<2.3)	22	0.067	ND (<0.047)	ND (<0.041)	ND (<0.10)	7.1	4.3	1.9
CP11-1(DUP)	ND (<0.30)	ND (<3.7)	24	ND (<0.073)	ND (<0.065)	ND (<0.041)	ND (<0.20)	ND (<12)	28	1.8
CP12-6	ND (<0.16)	ND (<2.3)	23	ND (<0.059)	ND (<0.075)	ND (<0.042)	ND (<0.10)	ND (<6.4)	1.8	1.2
CP13-3	ND (<0.29)	ND (<2.9)	24	ND (<0.096)	ND (<0.120)	ND (<0.050)	ND (<0.14)	ND (<12)	2.3	8.7
CP13-9	ND (<0.21)	ND (<3.0)	25	0.079	ND (<0.061)	ND (<0.056)	ND (<0.12)	ND (<9.2)	4.3	2.5
CP14-3.5	ND (<0.31)	ND (<3.2)	12	ND (<0.095)	ND (<0.150)	ND (<0.079)	ND (<0.25)	17	0.91	8.9
CP14-8	ND (<0.15)	ND (<2.1)	22	ND (<0.042)	ND (<0.042)	ND (<0.050)	ND (<0.076)	ND (<11)	1.7	1.4
CP15-8.5	ND (<0.31)	ND (<3.1)	31	ND (<0.077)	ND (<0.085)	ND (<0.068)	ND (<0.12)	ND (<13)	2.4	0.95
CP15-8.5(DUP)	ND (<0.25)	ND (<6.3)	18	ND (<0.078)	ND (<0.068)	ND (<0.063)	ND (<0.16)	ND (<11)	1.5	4.9
CP16-1.5	ND (<0.21)	ND (<2.7)	24	ND (<0.064)	ND (<0.064)	ND (<0.055)	ND (<0.12)	ND (<9.5)	1.9	0.96
CP16-7	ND (<0.20)	ND (<2.5)	25	ND (<0.041)	ND (<0.049)	ND (<0.047)	ND (<0.11)	ND (<7.2)	3.2	1.6
CP17-5	ND (<0.26)	ND (<3.1)	23	0.058	ND (<0.098)	ND (<0.063)	ND (<0.15)	ND (<9.3)	3.0	1.3
CP18-1	ND (<0.27)	ND (<3.2)	41	ND (<0.068)	ND (<0.073)	ND (<0.061)	ND (<0.15)	ND (<13)	2.9	1.3
CP18-9	ND (<0.24)	ND (<3.0)	22	ND (<0.095)	ND (<0.069)	ND (<0.055)	ND (<0.14)	ND (<12)	1.7	1.4
CP19-1	ND (<6.6)	ND (<15)	22	ND (<0.44)	0.28	2.4	2.2	390	2.8	520
CP20-7	ND (<0.21)	ND (<3.1)	13	ND (<0.067)	ND (<0.074)	ND (<0.058)	ND (<0.14)	ND (<10)	1.2	2.7
CP20-7(DUP)	ND (<0.19)	ND (<2.1)	14	ND (<0.044)	ND (<0.056)	ND (<0.040)	ND (<0.082)	ND (<5.7)	1.1	3
CP20-8	ND (<0.29)	ND (<3.6)	15	ND (<0.081)	ND (<0.089)	ND (<0.069)	ND (<0.18)	ND (<12)	1.7	2.9
CP21-1	ND (<0.44)	ND (<6.2)	22	0.54	ND (<0.12)	0.30	ND (<0.26)	59	4.3	78
CP21-1.5	ND (<1.0)	ND (<11)	17	0.57	ND (<0.20)	0.40	ND (<0.42)	99	4.8	100
CP21-3	ND (<0.28)	ND (<2.4)	24	ND (<0.057)	ND (<0.090)	ND (<0.075)	ND (<0.20)	ND (<9.5)	2.5	4.9
CP21-3A	ND (<0.35)	ND (<3.1)	18	ND (<0.094)	ND (<0.099)	0.11	0.45	100	2.1	27
CP22-1.5	ND (<0.49)	ND (<2.8)	21	ND (<0.11)	ND (<0.15)	ND (<0.075)	0.20	17	5.8	17
CP22-1.5(DUP)	ND (<0.37)	ND (<2.6)	23	ND (<0.11)	ND (<0.12)	ND (<0.097)	ND (<0.16)	16	5.5	20
CP23-4	ND (<0.21)	ND (<1.9)	12	ND (<0.056)	ND (<0.060)	ND (<0.054)	ND (<0.15)	10	0.6	7.8
CP24-0.5	ND (<0.55)	ND (<4.6)	16	ND (<0.24)	ND (<0.24)	ND (<0.150)	ND (<0.37)	33	6.5	47
CP24-1.5	ND (<0.31)	ND (<2.2)	27	0.11	ND (<0.10)	ND (<0.065)	0.16	ND (<10)	10	7.3
CP24-1.5(DUP)	ND (<0.26)	ND (<2.8)	27	0.15	ND (<0.080)	ND (<0.039)	0.14	ND (<12)	12	8.2
CP25-1	ND (<0.19)	ND (<1.9)	25	0.12	ND (<0.059)	ND (<0.052)	ND (<0.12)	6.6	7	5.1

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Fe-59	I-131	K-40	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214
CP25-3	ND (<0.19)	ND (<1.6)	29	0.059	ND (<0.054)	ND (<0.054)	ND (<0.13)	ND (<8.0)	4.3	2.0
CP26-1	ND (<0.14)	ND (<1.1)	21	ND (<0.042)	ND (<0.042)	ND (<0.038)	0.11	6.8	2.0	2.2
CP27-0.5	ND (<0.19)	ND (<2.7)	4.5	ND (<0.059)	ND (<0.052)	ND (<0.051)	ND (<0.076)	ND (<7.7)	0.21	0.37
CP27-1	ND (<0.25)	ND (<3.2)	8.2	ND (<0.075)	ND (<0.085)	ND (<0.064)	ND (<0.19)	ND (<12)	0.17	4.7
CP27-4	ND (<0.25)	ND (<2.6)	16	ND (<0.061)	ND (<0.075)	ND (<0.052)	ND (<0.09)	ND (<11)	1.2	0.89
CP27-6	ND (<0.13)	ND (<1.7)	14	ND (<0.036)	ND (<0.039)	ND (<0.032)	ND (<0.07)	ND (<8.8)	0.92	1.6
CP27-9	ND (<0.19)	ND (<2.7)	24	ND (<0.055)	ND (<0.059)	ND (<0.049)	ND (<0.13)	ND (<10)	2.5	1.4
CP28-3	ND (<0.28)	ND (<5.1)	19	ND (<0.073)	ND (<0.071)	ND (<0.061)	ND (<0.16)	ND (<12)	1.6	1.3
CP29-1	ND (<0.28)	ND (<3.9)	21	ND (<0.087)	ND (<0.081)	ND (<0.069)	ND (<0.15)	ND (<12)	2.4	8.2
CP29-6	ND (<0.20)	ND (<2.5)	25	0.052	ND (<0.052)	ND (<0.047)	ND (<0.12)	ND (<8.5)	2.1	1.9
CP29-9	ND (<0.24)	ND (<3.4)	25	ND (<0.082)	ND (<0.064)	ND (<0.057)	ND (<0.16)	ND (<11)	3.9	1.8
CP29-9(DUP)	ND (<0.26)	ND (<3.2)	27	ND (<0.070)	ND (<0.072)	ND (<0.064)	ND (<0.17)	ND (<10)	4.1	1.8
CP30-1	ND (<0.20)	ND (<2.0)	17	ND (<0.064)	ND (<0.059)	ND (<0.059)	0.10	12	2.3	4.2
CP30-1(DUP)	ND (<0.28)	ND (<2.9)	15	ND (<0.084)	ND (<0.084)	ND (<0.075)	ND (<0.20)	ND (<13)	2.0	2.9
CP31-0.25	ND (<0.21)	ND (<2.2)	25	ND (<0.077)	ND (<0.10)	ND (<0.054)	ND (<0.13)	ND (<14)	3.4	5.8
CP31-3	ND (<0.19)	ND (<1.9)	7.2	ND (<0.082)	ND (<0.057)	ND (<0.074)	ND (<0.12)	9	1.1	1.2
CP32-1A(CLAY)	ND (<0.20)	ND (<1.6)	21	ND (<0.074)	ND (<0.064)	ND (<0.054)	ND (<0.10)	ND (<14)	1.8	2.8
CP32-5	ND (<0.19)	ND (<2.0)	20	ND (<0.060)	ND (<0.060)	ND (<0.050)	ND (<0.12)	ND (<9.0)	1.4	1.7
CP33-1	ND (<0.25)	ND (<1.8)	17	ND (<0.068)	ND (<0.079)	ND (<0.054)	ND (<0.15)	9.7	1.2	3.2
CP34-3	ND (<0.21)	ND (<1.8)	25	ND (<0.063)	ND (<0.070)	ND (<0.056)	ND (<0.14)	9.1	3.6	1.5
CP35-0.5	ND (<0.70)	ND (<8.8)	26	ND (<0.34)	ND (<0.21)	0.33	0.46	55	1.5	91
CP36-1	ND (<0.19)	ND (<2.2)	15	ND (<0.060)	ND (<0.081)	0.062	ND (<0.11)	ND (<16)	2.7	3.3

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Ra-226	Ra-228	Ru-106	Sb-124	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235
CP3-8	1.6	1.7	ND (<0.50)	0.12	ND (<0.12)	ND (<0.073)	ND (<8.5)	2.0	0.60	ND (<0.33)
CP4-3	1.6	1.7	ND (<0.51)	ND (<0.094)	ND (<0.13)	ND (<0.084)	ND (<8.4)	2.4	0.60	ND (<0.24)
CP4-10	1.6	2.8	ND (<0.51)	ND (<0.094)	ND (<0.14)	ND (<0.079)	ND (<0.30)	2.9	0.81	ND (<0.26)
CP4-11	2.2	4.3	ND (<0.71)	ND (<0.18)	ND (<0.19)	ND (<0.12)	ND (<0.40)	3.6	1.5	ND (<0.31)
CP5-6.5	1.6	1.8	ND (<0.35)	ND (<0.046)	ND (<0.089)	ND (<0.052)	ND (<9.0)	2.0	0.56	ND (<0.36)
CP5-10	1.8	2.7	ND (<0.49)	0.089	ND (<0.13)	ND (<0.073)	ND (<10)	2.9	0.84	ND (<0.39)
CP6-10	2.0	3.6	ND (<0.60)	ND (<0.10)	ND (<0.15)	ND (<0.096)	ND (<0.32)	2.9	1.1	0.17
CP7-1	5.3	2.4	ND (<0.57)	ND (<0.098)	ND (<0.16)	ND (<0.090)	1.0	5.7	0.75	ND (<0.40)
CP8-3.5	3.0	1.9	ND (<0.51)	ND (<0.095)	ND (<0.14)	ND (<0.079)	ND (<7.4)	2.4	0.59	ND (<0.23)
CP9-3	1.5	1.4	ND (<0.46)	ND (<0.075)	ND (<0.10)	ND (<0.064)	ND (<5.2)	1.8	0.41	ND (<0.20)
CP9-6	1.6	2.0	ND (<0.41)	ND (<0.068)	ND (<0.11)	ND (<0.057)	ND (<6.4)	2.7	0.61	ND (<0.21)
CP10-3	2.5	2.3	ND (<0.62)	ND (<0.095)	ND (<0.15)	ND (<0.092)	ND (<8.9)	2.9	0.75	ND (<0.30)
CP11-1	2.3	4.1	ND (<0.43)	0.12	ND (<0.10)	ND (<0.058)	ND (<7.1)	3.7	1.3	ND (<0.22)
CP11-1(DUP)	2.3	27	ND (<0.63)	0.32	ND (<0.17)	ND (<0.12)	ND (<14)	14	8.7	ND (<0.50)
CP12-6	1.5	1.7	ND (<0.41)	ND (<0.071)	ND (<0.11)	ND (<0.059)	ND (<7.7)	2.3	0.51	ND (<0.35)
CP13-3	10	2.2	ND (<0.56)	ND (<0.098)	ND (<0.17)	ND (<0.098)	0.62	8.2	0.68	0.50
CP13-9	3.0	4.2	ND (<0.54)	ND (<0.087)	ND (<0.13)	ND (<0.077)	ND (<7.2)	4.0	1.3	ND (<0.26)
CP14-3.5	11	0.71	ND (<0.76)	ND (<0.12)	ND (<0.22)	ND (<0.120)	0.57	7.0	0.24	0.41
CP14-8	1.8	1.5	ND (<0.38)	0.11	ND (<0.088)	ND (<0.052)	ND (<5.5)	2.6	0.48	ND (<0.30)
CP15-8.5	1.1	2.1	ND (<0.65)	ND (<0.11)	ND (<0.16)	ND (<0.093)	ND (<9.9)	2.6	0.79	ND (<0.36)
CP15-8.5(DUP)	6.1	1.6	ND (<0.61)	ND (<0.11)	ND (<0.17)	ND (<0.094)	ND (<0.35)	4.2	0.45	ND (<0.26)
CP16-1.5	1.2	1.8	ND (<0.54)	ND (<0.088)	ND (<0.13)	ND (<0.080)	ND (<6.8)	1.8	0.58	ND (<0.29)
CP16-7	2.0	3.1	ND (<0.41)	ND (<0.072)	ND (<0.13)	ND (<0.063)	ND (<0.21)	2.8	0.98	ND (<0.20)
CP17-5	1.7	2.7	ND (<0.60)	ND (<0.098)	ND (<0.16)	ND (<0.083)	ND (<0.29)	2.2	0.90	ND (<0.31)
CP18-1	1.6	3.0	ND (<0.61)	0.16	ND (<0.14)	ND (<0.081)	ND (<9.3)	3.3	0.88	ND (<0.31)
CP18-9	1.7	1.5	ND (<0.54)	0.11	ND (<0.13)	ND (<0.082)	ND (<10)	2.9	0.46	ND (<0.53)
CP19-1	610	3.0	ND (<2.0)	ND (<0.36)	2.7	ND (<0.36)	37	39	0.53	16
CP20-7	3.3	0.92	ND (<0.55)	ND (<0.086)	ND (<0.15)	ND (<0.082)	ND (<9.7)	2.1	0.37	ND (<0.31)
CP20-7(DUP)	3.5	0.9	ND (<0.38)	ND (<0.066)	ND (<0.11)	ND (<0.061)	ND (<5.7)	2.3	0.33	ND (<0.23)
CP20-8	3.5	1.5	ND (<0.66)	ND (<0.10)	ND (<0.17)	ND (<0.10)	ND (<11)	3.6	0.52	ND (<0.34)
CP21-1	95	4.7	ND (<1.0)	ND (<0.18)	0.36	ND (<0.17)	3.9	31	1.3	2.2
CP21-1.5	120	4.1	ND (<1.7)	ND (<0.30)	0.48	ND (<0.29)	5.6	59	1.3	4.1
CP21-3	6.0	2.6	ND (<0.65)	ND (<0.11)	ND (<0.19)	ND (<0.11)	ND (<11)	9.3	0.77	0.49
CP21-3A	35	2.2	ND (<0.81)	ND (<0.14)	ND (<0.25)	ND (<0.14)	1.5	52	0.66	3.6
CP22-1.5	21	5.5	ND (<0.79)	ND (<0.13)	ND (<0.25)	ND (<0.13)	2.3	13	1.6	0.98
CP22-1.5(DUP)	24	4.6	ND (<0.67)	ND (<0.17)	ND (<0.19)	ND (<0.097)	1.2	12	1.1	0.66
CP23-4	10	0.53	ND (<0.50)	ND (<0.082)	ND (<0.14)	ND (<0.086)	0.49	3.7	0.17	0.33
CP24-0.5	55	5.9	ND (<1.3)	ND (<0.31)	ND (<0.42)	ND (<0.22)	3.4	29	1.8	1.5
CP24-1.5	8.9	9.4	ND (<0.65)	ND (<0.19)	ND (<0.17)	ND (<0.089)	ND (<11)	6.7	2.9	ND (<0.45)
CP24-1.5(DUP)	9.8	11	ND (<0.46)	0.29	ND (<0.13)	ND (<0.095)	ND (<11)	7.7	3.4	ND (<0.39)
CP25-1	6.3	6.4	ND (<0.50)	ND (<0.084)	ND (<0.15)	ND (<0.068)	ND (<8.8)	9.4	2.1	ND (<0.28)

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Ra-226	Ra-228	Ru-106	Sb-124	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235
CP25-3	2.5	4.3	ND (<0.46)	ND (<0.076)	ND (<0.12)	ND (<0.068)	ND (<0.25)	3.7	1.3	ND (<0.21)
CP26-1	2.6	1.7	ND (<0.36)	ND (<0.10)	ND (<0.093)	ND (<0.051)	ND (<5.3)	2.5	0.57	ND (<0.31)
CP27-0.5	0.49	ND (<0.32)	ND (<0.54)	ND (<0.15)	ND (<0.12)	ND (<0.074)	ND (<0.4)	ND (<1.2)	ND (<0.076)	ND (<0.47)
CP27-1	5.7	ND (<0.32)	ND (<0.57)	ND (<0.10)	ND (<0.16)	ND (<0.097)	ND (<0.5)	ND (<1.1)	ND (<0.086)	ND (<0.31)
CP27-4	1.0	1.0	ND (<0.51)	ND (<0.083)	ND (<0.13)	ND (<0.078)	ND (<7.6)	1.5	0.39	ND (<0.26)
CP27-6	2.0	0.77	ND (<0.47)	ND (<0.13)	ND (<0.079)	ND (<0.045)	ND (<5.3)	1.4	0.24	ND (<0.34)
CP27-9	1.6	2.2	ND (<0.48)	0.12	ND (<0.12)	ND (<0.071)	ND (<10)	2.5	0.73	0.27
CP28-3	1.6	1.4	ND (<0.57)	ND (<0.15)	ND (<0.15)	ND (<0.088)	ND (<0.3)	1.5	0.54	ND (<0.24)
CP29-1	9.8	2.1	ND (<0.66)	ND (<0.11)	ND (<0.18)	ND (<0.11)	0.44	ND (<1.4)	0.69	ND (<0.38)
CP29-6	2.3	2.0	ND (<0.43)	ND (<0.14)	ND (<0.11)	ND (<0.064)	ND (<0.2)	1.5	0.63	ND (<0.21)
CP29-9	2.1	3.7	ND (<0.56)	ND (<0.097)	ND (<0.15)	ND (<0.080)	ND (<9.1)	3.9	1.2	ND (<0.27)
CP29-9(DUP)	2.3	3.8	ND (<0.60)	ND (<0.099)	ND (<0.16)	ND (<0.092)	ND (<8.8)	3.2	1.2	ND (<0.29)
CP30-1	5.1	2.1	ND (<0.50)	0.15	ND (<0.13)	ND (<0.069)	ND (<7.4)	7.3	0.65	ND (<0.38)
CP30-1(DUP)	3.7	1.8	ND (<0.68)	ND (<0.15)	ND (<0.18)	ND (<0.10)	ND (<8.8)	5.3	0.59	ND (<0.30)
CP31-0.25	6.8	3.1	ND (<0.52)	ND (<0.12)	0.18	ND (<0.080)	ND (<11)	6.7	1.1	ND (<0.44)
CP31-3	1.5	1.0	ND (<0.57)	0.23	ND (<0.13)	ND (<0.071)	ND (<7.8)	ND (<1.6)	0.32	ND (<0.25)
CP32-1A(CLAY)	3.4	1.5	ND (<0.51)	0.11	ND (<0.13)	ND (<0.073)	ND (<9.1)	2.0	0.50	ND (<0.30)
CP32-5	2.2	1.2	ND (<0.49)	ND (<0.15)	ND (<0.12)	ND (<0.068)	ND (<0.2)	2.2	0.39	0.19
CP33-1	3.9	0.98	ND (<0.48)	ND (<0.084)	ND (<0.15)	ND (<0.085)	0.31	3.2	0.34	ND (<0.25)
CP34-3	1.8	3.2	ND (<0.51)	ND (<0.083)	ND (<0.13)	ND (<0.074)	ND (<8.1)	3.7	1.1	ND (<0.25)
CP35-0.5	120	1.1	ND (<1.5)	ND (<0.29)	ND (<0.54)	ND (<0.27)	3.0	39	0.33	3.0
CP36-1	4.2	2.4	ND (<0.53)	0.21	ND (<0.13)	ND (<0.069)	ND (<7.8)	4.8	0.79	ND (<0.50)

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Zn-65
CP3-8	ND (<0.21)
CP4-3	ND (<0.25)
CP4-10	ND (<0.18)
CP4-11	ND (<0.20)
CP5-6.5	ND (<0.14)
CP5-10	ND (<0.21)
CP6-10	ND (<0.26)
CP7-1	ND (<0.29)
CP8-3.5	ND (<0.14)
CP9-3	ND (<0.16)
CP9-6	0.098
CP10-3	ND (<0.21)
CP11-1	ND (<0.15)
CP11-1(DUP)	0.28
CP12-6	ND (<0.11)
CP13-3	0.26
CP13-9	ND (<0.19)
CP14-3.5	ND (<0.42)
CP14-8	ND (<0.14)
CP15-8.5	ND (<0.35)
CP15-8.5(DUP)	ND (<0.22)
CP16-1.5	ND (<0.20)
CP16-7	ND (<0.12)
CP17-5	ND (<0.26)
CP18-1	ND (<0.24)
CP18-9	ND (<0.23)
CP19-1	ND (<0.54)
CP20-7	ND (<0.23)
CP20-7(DUP)	ND (<0.20)
CP20-8	ND (<0.29)
CP21-1	0.48
CP21-1.5	0.63
CP21-3	ND (<0.29)
CP21-3A	ND (<0.36)
CP22-1.5	ND (<0.34)
CP22-1.5(DUP)	0.30
CP23-4	ND (<0.22)
CP24-0.5	ND (<0.61)
CP24-1.5	0.25
CP24-1.5(DUP)	ND (<0.16)
CP25-1	ND (<0.17)

Table 4-12
Test Pit Samples - Gamma Spectroscopy

Sample ID	Zn-65
CP25-3	ND (<0.20)
CP26-1	ND (<0.13)
CP27-0.5	ND (<0.17)
CP27-1	ND (<0.31)
CP27-4	ND (<0.24)
CP27-6	ND (<0.13)
CP27-9	ND (<0.19)
CP28-3	ND (<0.25)
CP29-1	ND (<0.26)
CP29-6	ND (<0.13)
CP29-9	ND (<0.20)
CP29-9(DUP)	ND (<0.25)
CP30-1	ND (<0.14)
CP30-1(DUP)	ND (<0.29)
CP31-0.25	ND (<0.17)
CP31-3	ND (<0.19)
CP32-1A(CLAY)	ND (<0.21)
CP32-5	ND (<0.14)
CP33-1	ND (<0.29)
CP34-3	ND (<0.22)
CP35-0.5	ND (<0.75)
CP36-1	ND (<0.20)

Table 4-13
Test Pits
Metals Summary Statistics

Metal	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Arsenic	21.9	8.4	11	36.9	0.98	180	9.26
Barium	211	140	120	216	16	1300	156
Cadmium	1.51	0.05	0.05	3.55	ND	17	0.226
Chromium	15.8	14	12	16.5	ND	130	12.7
Lead	502	72.5	16	1680	7.2	12000	83.8
Mercury	5.78	0.3	1.1	29.5	0.004	220	0.32
Molybdenum	43.6	5.3	1.2	115	1	610	7.6
Selenium	3.16	1.2	1.4	4.91	ND	24	1.58
Silver	3.52	0.16	0.02	16.3	ND	120	0.182
Vanadium	38.8	30.5	29	27.4	0.071	130	29.3
Zinc	511	160	75	820	13	3300	191

Notes: All data units are in milligrams per kilogram; ND, not detected.

Table 4-14
Test Pits
Alpha Spectroscopy Summary Statistics

Isotope	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Thorium-228	2.46	2	1.4	1.62	0.27	8.3	2.02
Thorium-230	10.8	1.6	1.6	23.7	0.46	102	2.95
Thorium-232	2.32	1.8	1.8	1.55	0.14	7.9	1.89
Uranium-234	8.08	1.6	1.4	16.7	0.28	66	2.52
Uranium-235	0.423	0.089	0.0580	0.88	0.024	3.7	0.135
Uranium-238	8.06	1.55	1.3	16.5	0.27	71	2.55

Notes: All data units are in picocuries per gram.

Table 4-15
Test Pits
Gamma Spectroscopy Summary Statistics

Isotope	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Bi-212	2.76	2.4	1.5	1.88	ND	9.7	2.18
Bi-214	15.7	1.75	1.1	59.5	0.39	430	2.94
Co-56	0.324	0.275	0.35	0.25	ND	1.6	0.271
K-40	20.9	22	25	5.95	4.5	41	19.9
Pb-212	2.69	2.3	2.5	1.740	0.17	10	2.19
Pb-214	18.10	1.95	1.3	71.4	0.37	520	3.31
Ra-226	21.8	2.4	1.6	84.1	0.49	610	4.03
Ra-228	2.50	2.1	1.7	1.670	ND	9.4	1.99
Th-234	7.60	2.9	2.9	12.60	ND	59	3.77
Tl-208	0.788	0.655	1.3	0.514	ND	2.9	0.629

Notes: All data units are in picocuries per gram.

Table 4-16
Test Pits
Concentration/Activity Variation of Duplicate Samples

Metal / Isotope	Average Concentration/ Activity Variation (percent)	Maximum Concentration/ Activity Variation (percent)
Arsenic	-9.18	-60.6
Barium	6.48	33.3
Cadmium	-2.74	-46.4
Chromium	-0.506	37.5
Lead	10.0	119
Mercury	98.5	675.0
Molybdenum	-17.9	-58.3
Selenium	-7.98	-34.3
Silver	230	1620
Vanadium	-2.70	18.4
Zinc	3.32	60.0
Thorium-228	205	860
Thorium-230	101	157
Thorium-232	209	911
Uranium-234	101	115
Uranium-235	104	142
Uranium-238	99.7	107

Notes: Concentrations are milligrams per kilogram;
Activities are picocuries per gram.

Table 4-17
Borings Samples - Metals

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CB1-1	29	140	1.1 B	17	250	0.14	3.7	0.80 B	1.2 B	27	770
CB1-5	7.2	70	ND (<1.2)	13	15	0.027 B	0.88 B	ND (<1.2)	ND (<1.2)	22	61
CB1-10	2.8	120	ND (<1.0)	16	14	0.016 B	1.8	0.67 B	ND (<1.0)	28	60
CB2-3	7.4	120	ND (<1.2)	17	18	0.027 B	1.0 B	0.69 B	ND (<1.2)	29	100
CB2-7	2.0	120	ND (<1.0)	13	8.5	0.0095 B	1.0 B	0.70 B	ND (<1.0)	28	53
CB3-2	40	580	52	18	310	1.5	11	0.89 B	1.4	38	13000
CB3-6.5	1.9	110	ND (<1.1)	12	6.5	0.0082 B	1.0 B	ND (<1.1)	ND (<1.1)	26	48
CB4-1.5	36	220	2.7	15	550	0.25	160	1.2 B	8.0	27	560
CB4-3.5	16	920	6.2	12	410	2.4	39	1.2	2.6	38	1300
CB5-2	46	430	3.3	12	950	3.2	43	2.8	4.6	59	2800
CB5-4	8.7	86	ND (<1.2)	15	26	0.66	1.3	ND (<1.2)	ND (<1.2)	28	120
CB6-1	39	180	13	19	550	1.0	74	4.4	3.6	1000	2500
CB6-5	8.7	110	26	14	17	0.021 B	1.7	1.3	ND (<1.2)	25	3100
CB7-2	140	160	7.5	18	1300	2.1	97	3.8	8.8	75	1700
CB7-8	4.9	130	ND (<1.1)	15	15	0.12	1.1 B	0.75 B	ND (<1.1)	28	180
CB8-1	160	220	10	12	2400	11	15	4.80	18	46	2200
CB8-10	2.0	55	ND (<0.51)	7.7	18	0.023 B	0.87 B	ND (<0.51)	0.042 B	22	54
CB9-1	28	190	3.2	15	350	0.84	26	1.0 B	3.0	39	950
CB9-6	7.6	60	ND (<0.58)	13	18	0.022 B	0.89 B	0.87	ND (<1.2)	23	68
CB9-15	2.2	61	ND (<0.51)	10	27	0.014 B	1.5	0.31 B	ND (<1.0)	20	72
CB9-15 DUP	1.9	65	ND (<0.51)	9.2	20	0.017 B	1.2	0.47 B	ND (<1.0)	18	64
CB10-2	16	160	1.6	17	150	0.063 B	2.0	ND (<1.2)	0.49 B	34	270
CB10-10	2.4	120	ND (<1.1)	15	11	0.012 B	1.3	ND (<1.1)	ND (<1.1)	31	56
CB11-3	13	130	2.6	18	160	0.070 B	4.7	1.2 B	0.82 B	34	360
CB11-7	2.2	130	ND (<1.1)	15	11	0.010 B	0.67 B	ND (<1.1)	ND (<1.1)	31	58
CB12-1	3.4	84	0.77 B	9.0	16	0.041 B	1.9	ND (<1.0)	ND (<1.0)	35	300
CB12-6	1.6	120	ND (<1.2)	14	6.8	0.023 B	1.2	0.70	ND (<1.2)	34	55
CB13-3	180	490	1.3	19	1800	0.041 B	1.2	1.6	0.99 B	35	420
CB13-8	2.5	140	ND (<1.1)	17	48	0.014 B	1.4	ND (<1.1)	ND (<1.1)	34	66
CB14-3	2.4	190	ND (<1.1)	11	7.0	0.0095 B	1.8	1.0 B	ND (<1.1)	10	69
CB14-7	9.0	170	ND (<1.2)	16	23	0.11 B	1.6	0.50 B	ND (<1.2)	34	84
CB15-1	16	350	1.1	23	79	0.54	26	1.1	0.34 B	46	480
CB15-3	4.6	210	ND (<0.54)	12	15	0.27	5.3	0.77	ND (<1.1)	26	340
CB15-8	5.2	120	ND (<1.1)	13	17	0.046 B	5.4	ND (<1.1)	ND (<1.1)	32	48
CB16-3.5	4.2	230	ND (<1.1)	16	32	0.22	3.9	0.64 B	ND (<1.1)	30	67
CB16-7	5.1	180	ND (<1.1)	10	13	0.088 B	0.76 B	ND (<1.1)	ND (<1.1)	29	42
CB17-5	2.6	100	ND (<1.0)	15	16	0.019 B	1.3	ND (<1.0)	ND (<1.0)	27	57
CB17-10	1.9	66	ND (<0.50)	11	19	0.011 B	3.0	0.32 B	ND (<1.0)	23	70
CB18-2	8.3	120	ND (<1.2)	17	21	0.062 B	2.7	0.79 B	ND (<1.2)	31	75
CB18-4	6.8	160	ND (<0.60)	15	17	0.072 B	1.4	0.53 B	ND (<1.2)	27	72
CB18-6	5.4	120	ND (<0.63)	14	16	0.059 B	1.2 B	0.52 B	ND (<1.3)	23	68

Table 4-17
Borings Samples - Metals

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CB18-8	6.6	97	ND (<0.59)	12	18	0.026 B	1.2	1.0	ND (<1.2)	21	69
CB18-10	5.7	130	ND (<0.61)	12	17	0.029 B	1.3	1.1	ND (<1.2)	19	71
CB18-14	1.6	66	ND (<0.54)	11	5	0.0058 B	0.92 B	0.53 B	ND (<1.1)	23	26
CB19-42	8.7	85	ND (<1.1)	12	25	0.047 B	1.6	1.2	ND (<1.1)	26	97
CB20-1	61	170	0.37 B	7.0	24	0.11	4.1	1.1	0.49 B	14	140
CB20-10	1.7	91	ND (<1.0)	12	21	0.0082 B	1.1	0.54 B	ND (<1.0)	22	83
CB20-16.5	9.5	65	ND (<1.1)	11	21	0.047 B	1.4	1.0 B	ND (<1.1)	35	100
CB21-1	3.9	240	ND (<1.1)	25	17	0.63	5.1	2.2	ND (<1.1)	53	98
CB21-3	3.0	100	ND (<1.1)	17	18	0.014 B	0.99 B	0.67 B	ND (<1.1)	27	59
CB21-10	0.96 B	54	ND (<0.51)	8.4	13	0.0061 B	0.71 B	ND (<0.51)	ND (<1.0)	15	54
CB22-2	9.1	120	ND (<1.1)	18	100	0.24	2.2	0.80 B	1.1	36	100
CB22-7	1.5	49	ND (<0.51)	10	16	0.013 B	0.89 B	ND (<0.51)	ND (<1.0)	16	66
CB23-1	13	80	1.7	10	93	0.680	6.9	0.50 B	0.60 B	38	420
CB23-4	2.1	60	ND (<0.51)	8.9	16	0.16	1.1	0.40 B	ND (<1.0)	44	67
CB23-10	7.8	52	ND (<1.1)	11	22	0.062 B	0.78 B	0.75 B	ND (<1.1)	30	78
CB24-10	3.1	130	ND (<1.0)	18	34	0.034 B	1.4	0.65 B	0.11 B	35	110
CB23-7	1.9	69	ND (<0.52)	15	20	0.015 B	2.6	0.23 B	ND (<1.0)	21	63
CB24-2	20	130	ND (<1.1)	16	28	1.6	2.7	1.3	ND (<1.1)	29	86
CB25-4	3.4	100	ND (<1.1)	16	22	0.011 B	1.3	ND (<1.1)	ND (<1.1)	25	64
CB25-8	1.3	53	ND (<0.50)	13	14	0.0074 B	0.49 B	0.36 B	ND (<1.0)	17	54
CB26-1	18.0	190	0.25 B	18	150	1.2	7.6	1.2	0.19 B	33	150
CB26-5	1.8	82	ND (<0.51)	12	29	0.027 B	2.6	0.74	ND (<1.0)	21	100
CB27-1	180	120	0.15 B	15	490	1.7	43	1.7	8.7	29	220
CB27-7	3.0	78	2.7	18	29	0.014 B	0.95 B	1.2	ND (<1.0)	22	740
CB28-2	130	230	6.8	13	1300	0.42	25	1.6	6.1	32	1800
CB28-5	5.7	74	ND (<0.52)	21	86	6.3	20	0.84	3.9	34	130
CB28-16	2.2	60	ND (<1.7)	8.3	12	0.041 B	3.3	1.8	ND (<1.2)	22	210
CB28-18	5.3	43	ND (<1.2)	5.9	12	0.035 B	1.1 B	1.3	ND (<1.2)	17	74

Notes: All data units in milligrams per kilogram; ND, not detected; B, compound identified but at less than practical reporting limit, qualitative value.

Table 4-18
Borings Samples - Alpha Spectroscopy

Sample ID	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
CB1-1	0.95	1.8	1.1	62	3.8	63
CB1-5	1.3	0.99	1.1	0.86	0.040 LT	0.90
CB1-10	3.5	1.8	3.5	1.4	0.12	1.1
CB2-3	1.3	1.3	1.5	0.97	0.091 LT	1.0
CB2-7	2.7	1.3	2.3	1.0	ND (<0.051)	1.3
CB3-2	1.4	17	1.5	13	0.88	14
CB3-6.5	1.9	1.1	1.7	1.3	0.065 LT	1.3
CB4-1.5	1.4	1.8	1.3	3.4	0.20	3.7
CB4-3.5	1.3	5.2	1.3	17	0.81	17
CB5-2	4.1	18	3.9	17	0.90	17
CB5-4	1.3	3.5	1.2	5.4	0.34	5.7
CB6-1	6.7	34	7.5	32	3.1	29
CB6-5	1.4	1.5	1.2	7.9	0.57	7.5
CB7-2	1.5	68	1.3	97	5.5	99
CB7-8	3.2	1.7	2.7	2.6	0.15	2.5
CB8-1	1.4	27	1.3	42	1.9	43
CB8-10	3.0	2.4	2.4	1.6	0.090 LT	1.4
CB9-1	3.2	6.1	3.0	3.8	0.25	3.7
CB9-6	1.7	1.5	1.5	1.8	0.094 LT	1.5
CB9-15	3.3	1.3	3.1	0.88	0.056 LT	1.1
CB-9-15 DUP	3.3	1.3	3.3	0.83	0.036 LT	0.73
CB10-2	1.2	1.6	1.2	2.3	0.14	2.6
CB10-10	3.4	1.6	3.3	1.1	0.070 LT	1.1
CB11-3	1.3	0.96	1.0	0.76	ND (<0.025)	0.87
CB11-7	2.3	1.2	2.3	0.76	0.049 LT	0.85
CB12-1	2.5	0.77	2.4	0.64	0.043 LT	0.79
CB12-6	1.4	1.1	1.2	0.72	0.057 LT	0.75
CB13-3	1.5	1.4	1.4	0.68	0.050 LT	0.73
CB13-8	2.5	1.5	2.2	1.1	0.056 LT	1.1
CB14-3	0.93	1.1	0.88	0.84	0.063 LT	1.0
CB14-7	1.7	1.5	1.5	0.76	ND (<0.032)	0.88
CB15-1	1.9	6.6	1.6	5.3	0.31	5.2
CB15-3	2.2	1.5	2.0	1.0	0.086 LT	1.1
CB15-8	1.8	0.93	1.8	0.88	0.045 LT	0.85
CB16-3.5	2.1	1.1	2.1	0.72	ND (<0.023)	0.73
CB16-7	1.6	1.0	1.7	0.59	ND (<0.028)	0.68
CB17-5	3.2	1.2	3.3	0.69	0.088 LT	0.74
CB17-10	2.4	1.1	2.4	0.85	0.053 LT	0.84
CB18-2	1.5	2.4	1.5	2.3	0.17	2.3
CB18-4	1.3	1.1	1.2	0.76	0.066 LT	0.79
CB18-6	1.2	1.1	1.2	0.82	ND (<0.040)	0.77
CB18-8	1.4	1.3	1.4	1.2	0.10	1.1
CB18-10	1.4	1.1	1.3	1.4	0.12	1.3
CB18-14	1.8	0.76	1.9	0.73	0.058 LT	0.64
CB19-42	1.9	1.2	1.8	1.1	0.066 LT	1.2
CB20-1	1.4	2.8	1.5	2.6	0.21	2.5
CB20-10	3.0	1.2	2.8	1.2	0.12	1.2
CB20-16.5	1.8	1.3	1.6	0.99	0.056 LT	1.0
CB21-1	2.9	1.8	2.8	6.0	0.46	6.1
CB21-3	4.5	1.7	4.1	2.0	0.11	1.8
CB21-10	2.3	0.99	2.2	0.7	0.056 LT	0.71
CB22-2	3.8	2.3	3.5	2.5	0.15	2.4
CB22-7	3.0	1.1	2.8	0.84	0.074 LT	0.78
CB23-1	1.9	8.7	1.8	23	1.7	22
CB23-4	2.3	1.1	2.1	3.9	0.23	3.8
CB23-10	2.1	1.1	1.8	2.8	0.17	2.9
CB24-10	3.5	1.4	3.1	1.2	0.094 LT	1.2
CB23-7	3.5	1.1	3.3	1.4	0.045 LT	1.4

**Table 4-18
Borings Samples - Alpha Spectroscopy**

Sample ID	Thorium-228	Thorium-230	Thorium-232	Uranium-234	Uranium-235	Uranium-238
CB24-2	2.6	6.7	2.3	7.9	0.48	7.7
CB25-4	3.6	1.6	3.3	1.5	0.056 LT	1.3
CB25-8	3.2	0.97	3.1	0.86	0.064 LT	0.68
CB26-1	2.8	2.9	2.5	2.1	0.16	2.0
CB26-5	2.7	0.9	2.5	1.1	0.043 LT	1.2
CB27-1	3.0	210	4.8	44	2.8	46
CB27-7	2.8	2.3	2.7	110	5.8	110
CB28-2	2.2	0.9	2.0	17	1.2	19
CB28-5	2.5	1.0	2.3	9.2	0.43	9.6
CB28-16	1.6	34	1.5	1.7	0.10	1.6
CB28-18	1.4	3.0	1.4	0.78	0.030 LT	0.79

Notes: All data units in picocuries per gram; ND, not detected; LT, less than requested minimum detection limit, greater than sample specific minimum detection limit; Y2, chemical yield outside default limits.

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56
CB1-1	ND (<0.054)	ND (<0.048)	ND (<0.26)	ND (<0.59)	1.2	4.5	7.9 SI	ND (<0.070)	ND (<0.34)	0.72 TI
CB1-5	ND (<0.057)	ND (<0.071)	ND (<0.082)	ND (<0.58)	1.2	0.90	2.8 SI	ND (<0.038)	ND (<0.22)	ND (<0.17)
CB1-10	ND (<0.039)	ND (<0.036)	ND (<0.24)	ND (<0.46)	4.2	1.6	8.7 SI	ND (<0.036)	ND (<0.23)	0.26 TI
CB2-3	ND (<0.058)	ND (<0.073)	ND (<0.41)	ND (<0.56)	0.72	0.86	3.7 SI	ND (<0.044)	ND (<0.30)	ND (<0.18)
CB2-7	ND (<0.062)	ND (<0.061)	ND (<0.40)	ND (<0.70)	2.8	1.3	5.1 SI	ND (<0.050)	ND (<0.31)	ND (<0.13)
CB3-2	ND (<0.042)	ND (<0.042)	0.087 TI	ND (<0.50)	1.4	2.6	4.2 SI	ND (<0.036)	ND (<0.23)	ND (<0.19)
CB3-6.5	ND (<0.053)	ND (<0.042)	ND (<0.40)	ND (<0.56)	1.7	0.95	4.9 SI	ND (<0.040)	ND (<0.27)	ND (<0.11)
CB4-1.5	ND (<0.057)	ND (<0.074)	ND (<0.29)	ND (<0.65)	1.7	1.6	2.8 SI	ND (<0.040)	ND (<0.26)	0.22 TI
CB4-3.5	ND (<0.069)	ND (<0.070)	ND (<0.11)	ND (<0.77)	1.4	4.5	4.7 SI	ND (<0.050)	ND (<0.30)	0.65 TI
CB5-2	ND (<0.077)	ND (<0.070)	0.69 TI	ND (<1.3)	8.7	9.7	1.0 SI	ND (<0.075)	ND (<0.48)	1.2 TI
CB5-4	ND (<0.060)	ND (<0.064)	0.12 TI	ND (<0.75)	1.4	4.7	6.9 SI	ND (<0.052)	ND (<0.33)	0.83 TI
CB6-1	ND (<0.066)	ND (<0.065)	0.96 TI	ND (<1.1)	3.6	26	4.2 SI	ND (<0.12)	ND (<0.52)	3.4 TI
CB6-5	ND (<0.046)	ND (<0.040)	ND (<0.37)	ND (<0.51)	1.3	0.94	2.8 SI	ND (<0.057)	ND (<0.24)	0.16 TI
CB7-2	ND (<0.088)	ND (<0.073)	ND (<0.23)	ND (<1.5)	1.4	37	5.3 SI	ND (<0.16)	ND (<0.60)	2.6 TI
CB7-8	ND (<0.058)	ND (<0.057)	ND (<0.40)	ND (<0.70)	1.8	1.3	5.5 SI	ND (<0.054)	ND (<0.30)	0.22 TI
CB8-1	ND (<0.19)	ND (<0.13)	5.8	ND (<2.6)	2.2 TI	210	36 SI	ND (<0.27)	ND (<1.2)	26 TI
CB8-10	ND (<0.059)	ND (<0.062)	ND (<0.28)	ND (<0.63)	3.1	0.84	4.3 SI	ND (<0.040)	ND (<0.26)	ND (<0.17)
CB9-1	ND (<0.054)	ND (<0.050)	ND (<0.34)	ND (<0.62)	1.5	1.6	3.7 SI	ND (<0.046)	ND (<0.26)	0.24 TI
CB9-6	ND (<0.058)	ND (<0.067)	ND (<0.28)	ND (<0.60)	1.5	1.2	3.3 SI	ND (<0.039)	ND (<0.25)	ND (<0.14)
CB9-15	ND (<0.058)	ND (<0.052)	ND (<0.097)	ND (<0.61)	4.8	1.0	6.9 SI	ND (<0.041)	ND (<0.27)	ND (<0.16)
CB-9-15 DUP	ND (<0.039)	ND (<0.042)	ND (<0.22)	ND (<0.52)	3.9	1.0	7.5 SI	ND (<0.041)	ND (<0.23)	0.17 TI
CB10-2	ND (<0.045)	ND (<0.039)	ND (<0.27)	ND (<0.54)	1.6	0.98	2.8 SI	ND (<0.058)	ND (<0.21)	0.14 TI
CB10-10	ND (<0.045)	ND (<0.038)	ND (<0.36)	ND (<0.38)	3.3	1.1	7.2 SI	ND (<0.035)	ND (<0.23)	0.15 TI
CB11-3	ND (<0.036)	ND (<0.039)	ND (<0.14)	ND (<0.41)	1.5	0.78	2.6 SI	ND (<0.038)	ND (<0.18)	ND (<0.14)
CB11-7	ND (<0.050)	ND (<0.048)	ND (<0.093)	ND (<0.57)	2.6	1.2	4.7 SI	ND (<0.036)	ND (<0.24)	0.17 TI
CB12-1	ND (<0.046)	ND (<0.050)	ND (<0.33)	ND (<0.50)	1.7	0.54	3.8 SI	ND (<0.035)	ND (<0.23)	ND (<0.16)
CB12-6	ND (<0.064)	ND (<0.062)	ND (<0.44)	ND (<0.72)	1.3	0.97	2.1 SI	ND (<0.049)	ND (<0.31)	0.23 TI
CB13-3	ND (<0.052)	ND (<0.051)	ND (<0.093)	ND (<0.57)	1.4	0.96	3.3 SI	ND (<0.039)	ND (<0.25)	ND (<0.11)
CB13-8	ND (<0.050)	ND (<0.044)	ND (<0.19)	ND (<0.53)	2.4	0.94	4.7 SI	ND (<0.038)	ND (<0.26)	ND (<0.16)
CB14-3	ND (<0.052)	ND (<0.057)	ND (<0.25)	ND (<0.58)	1.6	1.1	2.1 SI	ND (<0.034)	ND (<0.22)	ND (<0.14)
CB14-7	ND (<0.057)	ND (<0.055)	ND (<0.21)	ND (<0.66)	1.2	1.1	2.2 SI	ND (<0.047)	ND (<0.28)	0.16 TI
CB15-1	ND (<0.14)	ND (<0.087)	ND (<1.0)	ND (<7.0)	2.0	41	21 SI	ND (<0.11)	ND (<0.69)	1.1 TI
CB15-3	ND (<0.043)	ND (<0.033)	ND (<0.35)	ND (<0.53)	2.2	3.6	7.8 SI	ND (<0.037)	ND (<0.23)	0.27 TI
CB15-8	ND (<0.049)	ND (<0.059)	ND (<0.36)	ND (<0.58)	1.7	1.1	3.2 SI	ND (<0.040)	ND (<0.26)	0.16 TI
CB16-3.5	ND (<0.049)	ND (<0.043)	ND (<0.082)	ND (<0.51)	2.3	1.0	4.4 SI	ND (<0.033)	ND (<0.21)	0.15 TI
CB16-7	ND (<0.059)	ND (<0.064)	ND (<0.081)	ND (<0.64)	1.4	0.94	3.6 SI	ND (<0.038)	ND (<0.24)	ND (<0.16)
CB17-5	ND (<0.060)	ND (<0.053)	ND (<0.39)	ND (<0.79)	2.8	1.1	6.2 SI	ND (<0.053)	ND (<0.33)	ND (<0.15)
CB17-10	ND (<0.053)	ND (<0.046)	ND (<0.32)	ND (<0.65)	2.1	0.86	4.2 SI	ND (<0.046)	ND (<0.26)	ND (<0.15)
CB18-2	ND (<0.058)	ND (<0.059)	ND (<0.10)	ND (<0.62)	1.2	1.0	3.0 SI	ND (<0.041)	ND (<0.25)	ND (<0.11)
CB18-4	ND (<0.054)	ND (<0.049)	ND (<0.32)	ND (<0.66)	1.2	0.97	4.0 SI	ND (<0.044)	ND (<0.27)	ND (<0.11)
CB18-6	ND (<0.050)	ND (<0.054)	ND (<0.072)	ND (<0.60)	1.3	0.82	2.0 SI	ND (<0.033)	ND (<0.21)	ND (<0.13)

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Ag-110m	Al-26	Am-241	Be-7	Bi-212	Bi-214	Cd-109	Ce-139	Ce-144	Co-56
CB18-8	ND (<0.054)	ND (<0.053)	ND (<0.32)	ND (<0.70)	0.85	0.87	2.9 SI	ND (<0.046)	ND (<0.28)	ND (<0.13)
CB18-10	ND (<0.049)	ND (<0.046)	ND (<0.071)	ND (<0.56)	1.6	0.82	2.8 SI	ND (<0.033)	ND (<0.21)	0.13 TI
CB18-14	ND (<0.047)	ND (<0.045)	0.20 TI	ND (<0.52)	1.9	0.85	3.8 SI	ND (<0.036)	ND (<0.24)	ND (<0.17)
CB19-42	ND (<0.043)	ND (<0.042)	ND (<0.26)	ND (<0.49)	1.8	1.2	4.0 SI	ND (<0.033)	ND (<0.23)	0.16 TI
CB20-1	ND (<0.072)	ND (<0.076)	ND (<0.39)	ND (<1.4)	2.7	11	14 SI	ND (<0.064)	ND (<0.30)	1.6 TI
CB20-10	ND (<0.059)	ND (<0.050)	ND (<0.36)	ND (<0.71)	3.0	1.4	5.1 SI	ND (<0.054)	ND (<0.30)	0.18 TI
CB20-16.5	ND (<0.060)	ND (<0.066)	ND (<0.084)	ND (<0.64)	1.9	0.95	3.2 SI	ND (<0.038)	ND (<0.23)	ND (<0.21)
CB21-1	ND (<0.064)	ND (<0.074)	ND (<0.29)	ND (<0.71)	2.8	1.6	4.7 SI	ND (<0.044)	ND (<0.29)	ND (<0.19)
CB21-3	ND (<0.067)	ND (<0.075)	ND (<0.11)	ND (<0.79)	3.8	1.5	6.4 SI	ND (<0.049)	ND (<0.30)	ND (<0.28)
CB21-10	ND (<0.046)	ND (<0.043)	ND (<0.52)	ND (<0.53)	2.9	0.83	4.0 SI	ND (<0.039)	ND (<0.25)	ND (<0.15)
CB22-2	ND (<0.057)	ND (<0.049)	ND (<0.35)	ND (<0.72)	3.7	1.6	6.8 SI	ND (<0.051)	ND (<0.32)	0.15 TI
CB22-7	ND (<0.053)	ND (<0.057)	ND (<0.24)	ND (<0.60)	2.9	1.1	5.7 SI	ND (<0.038)	ND (<0.25)	0.25 TI
CB23-1	ND (<0.047)	ND (<0.043)	0.38 TI	ND (<0.79)	2.1	7.7	12 SI	ND (<0.082)	ND (<0.29)	1.1 TI
CB23-4	ND (<0.045)	ND (<0.047)	ND (<0.071)	ND (<0.55)	2.7	0.92	4.4 SI	ND (<0.032)	ND (<0.11)	0.14 TI
CB23-10	ND (<0.035)	ND (<0.035)	0.16 TI	ND (<0.39)	2.1	0.87	2.5 SI	ND (<0.029)	ND (<0.18)	ND (<0.17)
CB24-10	ND (<0.040)	ND (<0.036)	ND (<0.23)	ND (<0.49)	3.0	0.99	5.8 SI	ND (<0.039)	ND (<0.23)	0.17 TI
CB23-7	ND (<0.057)	ND (<0.056)	ND (<0.089)	ND (<0.63)	3.4	1.3	6.8 SI	ND (<0.039)	ND (<0.25)	0.24 TI
CB24-2	ND (<0.054)	ND (<0.047)	ND (<0.32)	ND (<0.67)	1.5	1.6	3.5 SI	ND (<0.047)	ND (<0.26)	0.21 TI
CB25-4	ND (<0.057)	ND (<0.054)	ND (<0.11)	ND (<0.42)	5.4	1.4	8.8 SI	ND (<0.048)	ND (<0.30)	0.16 TI
CB25-8	ND (<0.031)	ND (<0.027)	0.17 TI	ND (<0.37)	2.3	0.94	4.7 SI	ND (<0.026)	ND (<0.17)	ND (<0.13)
CB26-1	ND (<0.059)	ND (<0.050)	ND (<0.37)	ND (<0.79)	2.3	2.3	5.6 SI	ND (<0.055)	ND (<0.30)	0.29 TI
CB26-5	ND (<0.049)	ND (<0.041)	0.11 TI	ND (<0.59)	2.5	0.92	4.6 SI	ND (<0.039)	ND (<0.25)	0.12 TI
CB27-1	ND (<0.12)	ND (<0.11)	ND (<1.1)	ND (<2.5)	3.1	130	45 SI	ND (<0.23)	ND (<0.97)	18 TI
CB27-7	ND (<0.063)	ND (<0.060)	0.45 TI	ND (<0.87)	3.1	0.92	7.2 SI	ND (<0.096)	ND (<0.49)	0.22 TI
CB28-2	ND (<0.049)	ND (<0.044)	ND (<0.41)	ND (<0.61)	1.6	3.5	6.7 SI	ND (<0.042)	ND (<0.27)	0.26 TI
CB28-5	ND (<0.046)	ND (<0.046)	ND (<0.082)	ND (<0.55)	3.3	1.5	4.3 SI	ND (<0.034)	ND (<0.22)	0.26
CB28-16	ND (<0.045)	ND (<0.040)	ND (<0.35)	ND (<0.55)	1.8	1.0	4.2 SI	ND (<0.036)	0.16	0.17 TI
CB28-18	ND (<0.043)	ND (<0.044)	ND (<0.41)	ND (<0.50)	1.7	0.88	3.6 SI	ND (<0.033)	ND (<0.22)	ND (<0.20)

Notes: All data units in picocuries per gram; ND, not detected; LT, less than requested minimum detection limit, greater than sample specific minimum detection limit; TI, nuclide identification is tentative; SI, nuclide identification and/or quantitation is tentative.

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Co-57	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155
CB1-1	ND (<0.043)	ND (<0.10)	ND (<0.058)	ND (<0.91)	0.065 TI	ND (<0.075)	ND (<0.28)	0.51 TI	ND (<0.18)
CB1-5	ND (<0.029)	ND (<0.077)	ND (<0.069)	ND (<0.79)	ND (<0.060)	ND (<0.061)	ND (<0.20)	ND (<0.34)	ND (<0.12)
CB1-10	ND (<0.031)	ND (<0.070)	ND (<0.040)	ND (<0.80)	0.13 TI	ND (<0.056)	ND (<0.20)	ND (<0.22)	0.16
CB2-3	ND (<0.040)	ND (<0.081)	ND (<0.078)	ND (<0.89)	ND (<0.54)	ND (<0.064)	ND (<0.33)	ND (<0.38)	ND (<0.16)
CB2-7	ND (<0.040)	ND (<0.083)	ND (<0.063)	ND (<1.0)	ND (<0.059)	ND (<0.066)	ND (<0.32)	ND (<0.36)	ND (<0.16)
CB3-2	ND (<0.028)	ND (<0.056)	ND (<0.049)	ND (<0.69)	ND (<0.045)	ND (<0.047)	0.40 TI	ND (<0.27)	ND (<0.11)
CB3-6.5	ND (<0.035)	ND (<0.073)	ND (<0.057)	ND (<0.80)	ND (<0.054)	ND (<0.053)	ND (<0.23)	ND (<0.28)	ND (<0.13)
CB4-1.5	ND (<0.030)	ND (<0.077)	ND (<0.077)	ND (<0.82)	ND (<0.054)	ND (<0.061)	ND (<0.35)	ND (<0.37)	ND (<0.11)
CB4-3.5	ND (<0.040)	ND (<0.095)	ND (<0.083)	ND (<1.0)	ND (<0.064)	ND (<0.068)	0.49 TI	ND (<0.45)	ND (<0.15)
CB5-2	ND (<0.068)	ND (<0.15)	ND (<0.077)	ND (<1.5)	0.39 TI	ND (<0.11)	0.54 TI	ND (<0.66)	ND (<0.32)
CB5-4	ND (<0.040)	ND (<0.073)	ND (<0.071)	ND (<1.1)	ND (<0.059)	ND (<0.097)	0.61 TI	ND (<0.52)	ND (<0.15)
CB6-1	0.066	ND (<0.14)	ND (<0.080)	ND (<1.3)	0.048 TI	ND (<0.097)	ND (<0.80)	0.76 TI	ND (<0.14)
CB6-5	ND (<0.033)	ND (<0.063)	ND (<0.048)	ND (<0.72)	ND (<0.045)	ND (<0.047)	ND (<0.19)	ND (<0.34)	ND (<0.14)
CB7-2	ND (<0.075)	ND (<0.12)	ND (<0.10)	ND (<1.7)	ND (<0.083)	ND (<0.060)	ND (<1.20)	ND (<0.69)	ND (<0.18)
CB7-8	ND (<0.040)	ND (<0.080)	ND (<0.064)	ND (<0.95)	ND (<0.060)	ND (<0.065)	ND (<0.32)	ND (<0.52)	ND (<0.15)
CB8-1	0.43	ND (<0.31)	ND (<0.18)	ND (<4.4)	0.89 TI	0.49	4.5 TI	ND (<1.3)	ND (<0.57)
CB8-10	ND (<0.030)	ND (<0.074)	ND (<0.071)	ND (<0.86)	ND (<0.45)	ND (<0.061)	ND (<0.31)	ND (<0.35)	ND (<0.087)
CB9-1	ND (<0.036)	ND (<0.071)	ND (<0.054)	ND (<0.93)	ND (<0.051)	ND (<0.057)	ND (<0.29)	ND (<0.31)	ND (<0.14)
CB9-6	ND (<0.029)	ND (<0.068)	ND (<0.073)	ND (<0.85)	ND (<0.063)	ND (<0.060)	ND (<0.32)	ND (<0.36)	ND (<0.13)
CB9-15	ND (<0.034)	ND (<0.078)	ND (<0.061)	ND (<0.85)	ND (<0.056)	ND (<0.061)	ND (<0.27)	ND (<0.31)	0.29
CB9-15 DUP	ND (<0.029)	ND (<0.059)	ND (<0.043)	ND (<0.85)	0.058 TI	ND (<0.042)	ND (<0.12)	ND (<0.21)	0.21
CB10-2	ND (<0.028)	ND (<0.063)	ND (<0.045)	ND (<0.73)	ND (<0.041)	ND (<0.048)	ND (<0.15)	ND (<0.30)	0.11 TI
CB10-10	ND (<0.031)	ND (<0.061)	ND (<0.047)	ND (<0.74)	ND (<0.045)	ND (<0.045)	ND (<0.17)	ND (<0.24)	ND (<0.15)
CB11-3	ND (<0.025)	ND (<0.047)	ND (<0.041)	ND (<0.64)	ND (<0.037)	ND (<0.052)	ND (<0.20)	ND (<0.21)	ND (<0.11)
CB11-7	ND (<0.031)	ND (<0.065)	ND (<0.059)	ND (<0.85)	ND (<0.051)	ND (<0.057)	0.20 TI	ND (<0.29)	ND (<0.12)
CB12-1	ND (<0.030)	ND (<0.060)	ND (<0.055)	ND (<0.66)	0.096 TI	ND (<0.050)	ND (<0.24)	ND (<0.30)	ND (<0.12)
CB12-6	ND (<0.042)	ND (<0.079)	ND (<0.073)	ND (<0.96)	ND (<0.70)	ND (<0.067)	ND (<0.33)	ND (<0.42)	ND (<0.12)
CB13-3	ND (<0.030)	ND (<0.064)	ND (<0.062)	ND (<0.86)	ND (<0.051)	ND (<0.054)	ND (<0.26)	ND (<0.27)	ND (<0.12)
CB13-8	ND (<0.034)	ND (<0.061)	ND (<0.058)	ND (<0.83)	0.091 TI	ND (<0.050)	ND (<0.26)	ND (<0.26)	0.17
CB14-3	ND (<0.026)	ND (<0.068)	ND (<0.068)	ND (<0.82)	ND (<0.046)	ND (<0.059)	ND (<0.29)	ND (<0.33)	ND (<0.11)
CB14-7	ND (<0.034)	ND (<0.082)	ND (<0.062)	ND (<0.92)	ND (<0.056)	ND (<0.061)	ND (<0.29)	ND (<0.30)	ND (<0.15)
CB15-1	ND (<0.087)	ND (<0.15)	ND (<0.12)	ND (<2.1)	ND (<0.10)	0.32	3.2 TI	ND (<0.66)	ND (<0.37)
CB15-3	ND (<0.031)	ND (<0.058)	ND (<0.045)	ND (<0.79)	ND (<0.044)	ND (<0.044)	0.36 TI	ND (<0.23)	0.17
CB15-8	ND (<0.036)	ND (<0.069)	ND (<0.062)	ND (<0.81)	0.11 TI	ND (<0.053)	ND (<0.27)	ND (<0.32)	ND (<0.13)
CB16-3.5	ND (<0.027)	ND (<0.053)	ND (<0.045)	ND (<0.76)	ND (<0.039)	ND (<0.048)	ND (<0.20)	ND (<0.25)	ND (<0.11)
CB16-7	ND (<0.028)	ND (<0.078)	ND (<0.063)	ND (<0.96)	ND (<0.057)	ND (<0.057)	ND (<0.31)	ND (<0.34)	ND (<0.11)
CB17-5	ND (<0.040)	ND (<0.086)	ND (<0.059)	ND (<1.1)	ND (<0.059)	ND (<0.065)	ND (<0.30)	ND (<0.35)	ND (<0.16)
CB17-10	ND (<0.034)	ND (<0.070)	ND (<0.053)	ND (<0.92)	ND (<0.045)	ND (<0.053)	ND (<0.25)	ND (<0.30)	ND (<0.14)
CB18-2	ND (<0.031)	ND (<0.070)	ND (<0.058)	ND (<0.93)	ND (<0.054)	ND (<0.057)	ND (<0.25)	ND (<0.30)	ND (<0.15)
CB18-4	ND (<0.032)	ND (<0.074)	ND (<0.053)	ND (<0.94)	ND (<0.048)	ND (<0.053)	ND (<0.26)	ND (<0.31)	ND (<0.13)
CB18-6	ND (<0.026)	ND (<0.071)	ND (<0.060)	ND (<0.83)	ND (<0.048)	ND (<0.055)	ND (<0.19)	ND (<0.29)	ND (<0.12)

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Co-57	Co-58	Co-60	Cr-51	Cs-134	Cs-137	Eu-152	Eu-154	Eu-155
CB18-8	ND (<0.034)	ND (<0.075)	ND (<0.061)	ND (<1.0)	ND (<0.046)	ND (<0.058)	ND (<0.27)	ND (<0.31)	ND (<0.13)
CB18-10	ND (<0.027)	ND (<0.072)	ND (<0.061)	ND (<0.85)	ND (<0.051)	ND (<0.049)	ND (<0.27)	ND (<0.33)	ND (<0.095)
CB18-14	ND (<0.033)	ND (<0.062)	ND (<0.051)	ND (<0.88)	ND (<0.58)	ND (<0.046)	ND (<0.28)	ND (<0.26)	ND (<0.13)
CB19-42	ND (<0.030)	ND (<0.052)	ND (<0.044)	ND (<0.77)	0.072 TI	ND (<0.043)	ND (<0.28)	ND (<0.24)	ND (<0.094)
CB20-1	ND (<0.045)	ND (<0.14)	ND (<0.096)	ND (<1.4)	ND (<0.086)	ND (<0.12)	1.5 TI	ND (<0.65)	ND (<0.18)
CB20-10	ND (<0.039)	ND (<0.079)	ND (<0.057)	ND (<1.1)	ND (<0.051)	ND (<0.060)	ND (<0.25)	ND (<0.33)	0.17
CB20-16.5	ND (<0.030)	ND (<0.073)	ND (<0.066)	ND (<0.90)	ND (<0.058)	ND (<0.061)	ND (<0.29)	ND (<0.33)	ND (<0.11)
CB21-1	ND (<0.033)	ND (<0.084)	ND (<0.072)	ND (<1.0)	0.080 TI	ND (<0.066)	ND (<0.37)	ND (<0.57)	ND (<0.16)
CB21-3	ND (<0.040)	ND (<0.095)	ND (<0.079)	ND (<1.2)	ND (<0.066)	ND (<0.068)	ND (<0.32)	ND (<0.40)	0.16
CB21-10	ND (<0.035)	ND (<0.061)	ND (<0.049)	ND (<0.85)	0.083 TI	ND (<0.064)	ND (<0.26)	ND (<0.26)	ND (<0.098)
CB22-2	ND (<0.039)	ND (<0.077)	ND (<0.055)	ND (<1.1)	ND (<0.051)	ND (<0.058)	ND (<0.27)	ND (<0.41)	ND (<0.19)
CB22-7	ND (<0.028)	ND (<0.071)	ND (<0.063)	ND (<0.94)	ND (<0.53)	ND (<0.057)	ND (<0.30)	ND (<0.32)	ND (<0.14)
CB23-1	ND (<0.041)	ND (<0.098)	ND (<0.053)	ND (<1.0)	ND (<0.68)	ND (<0.065)	0.49 TI	0.41 TI	ND (<0.13)
CB23-4	ND (<0.030)	ND (<0.068)	ND (<0.052)	ND (<0.83)	ND (<0.05)	ND (<0.046)	ND (<0.22)	ND (<0.28)	0.12
CB23-10	ND (<0.026)	ND (<0.045)	ND (<0.039)	ND (<0.67)	0.062 TI	ND (<0.034)	ND (<0.22)	ND (<0.19)	0.077
CB24-10	ND (<0.029)	ND (<0.057)	ND (<0.042)	ND (<0.78)	ND (<0.037)	ND (<0.063)	ND (<0.14)	ND (<0.22)	ND (<0.10)
CB23-7	ND (<0.037)	ND (<0.084)	ND (<0.067)	ND (<0.99)	ND (<0.053)	ND (<0.059)	ND (<0.25)	ND (<0.33)	0.21
CB24-2	ND (<0.033)	ND (<0.071)	ND (<0.054)	ND (<1.1)	ND (<0.036)	ND (<0.052)	0.24 TI	ND (<0.30)	ND (<0.084)
CB25-4	ND (<0.039)	ND (<0.071)	ND (<0.057)	ND (<1.1)	0.061 TI	ND (<0.060)	ND (<0.25)	ND (<0.29)	0.23
CB25-8	ND (<0.024)	ND (<0.040)	ND (<0.033)	ND (<0.63)	ND (<0.36)	ND (<0.031)	ND (<0.16)	ND (<0.17)	ND (<0.093)
CB26-1	ND (<0.041)	ND (<0.091)	ND (<0.064)	ND (<1.2)	ND (<0.058)	ND (<0.063)	ND (<0.26)	ND (<0.33)	ND (<0.16)
CB26-5	ND (<0.031)	ND (<0.064)	ND (<0.050)	ND (<0.94)	ND (<0.046)	ND (<0.050)	ND (<0.19)	ND (<0.27)	0.16
CB27-1	ND (<0.12)	ND (<0.29)	ND (<0.15)	ND (<4.7)	ND (<2.2)	ND (<0.17)	ND (<1.60)	ND (<1.1)	ND (<0.47)
CB27-7	ND (<0.041)	ND (<0.086)	ND (<0.074)	ND (<1.1)	ND (<0.056)	ND (<0.062)	ND (<0.31)	ND (<0.41)	0.41
CB28-2	ND (<0.035)	ND (<0.073)	ND (<0.051)	ND (<0.93)	ND (<0.045)	ND (<0.063)	ND (<0.38)	ND (<0.36)	ND (<0.15)
CB28-5	ND (<0.034)	ND (<0.070)	ND (<0.056)	ND (<1.1)	ND (<0.042)	ND (<0.045)	ND (<0.23)	ND (<0.38)	0.16
CB28-16	ND (<0.030)	ND (<0.070)	ND (<0.048)	ND (<0.88)	ND (<0.049)	ND (<0.047)	ND (<0.19)	ND (<0.27)	ND (<0.18)
CB28-18	ND (<0.031)	0.20 TI	ND (<0.047)	ND (<0.85)	0.091 TI	ND (<0.043)	ND (<0.31)	ND (<0.23)	ND (<0.11)

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Fe-59	I-131	K-40	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214
CB1-1	ND (<0.18)	ND (<0.93)	19	ND (<0.053)	ND (<0.093)	ND (<0.035)	ND (<0.11)	38	1.3	4.6
CB1-5	ND (<0.21)	ND (<1.0)	19	ND (<0.062)	ND (<0.067)	ND (<0.058)	ND (<0.094)	ND (<9.8)	1.1	0.9
CB1-10	ND (<0.12)	ND (<0.71)	23	ND (<0.043)	ND (<0.062)	ND (<0.039)	ND (<0.055)	ND (<9.5)	3.8	1.9
CB2-3	ND (<0.22)	ND (<0.89)	18	ND (<0.073)	ND (<0.076)	ND (<0.065)	ND (<0.090)	ND (<11)	1.1	1.0
CB2-7	ND (<0.20)	ND (<0.96)	22	0.042	ND (<0.068)	ND (<0.062)	ND (<0.12)	ND (<15)	2.7	1.4
CB3-2	ND (<0.14)	ND (<0.71)	17	ND (<0.047)	ND (<0.052)	ND (<0.045)	ND (<0.10)	ND (<7.4)	1.2	2.8
CB3-6.5	ND (<0.17)	ND (<1.1)	22	ND (<0.059)	ND (<0.065)	ND (<0.051)	ND (<0.12)	ND (<9.3)	2.0	1.1
CB4-1.5	ND (<0.22)	ND (<0.88)	19	ND (<0.069)	ND (<0.080)	ND (<0.061)	ND (<0.12)	ND (<11)	1.2	1.6
CB4-3.5	ND (<0.23)	ND (<1.3)	18	ND (<0.069)	ND (<0.082)	ND (<0.064)	ND (<0.17)	ND (<13)	1.2	4.4
CB5-2	ND (<0.26)	ND (<1.8)	36	ND (<0.072)	ND (<0.13)	ND (<0.078)	ND (<0.17)	18	8.3	11
CB5-4	ND (<0.23)	ND (<1.1)	16	ND (<0.066)	ND (<0.065)	ND (<0.064)	ND (<0.15)	ND (<12)	1.1	5.0
CB6-1	ND (<0.23)	ND (<1.3)	16	ND (<0.13)	ND (<0.12)	0.12 SI	ND (<0.14)	39	3.3	29
CB6-5	ND (<0.17)	ND (<0.90)	19	ND (<0.053)	ND (<0.054)	ND (<0.047)	ND (<0.057)	11	1.2	1.3
CB7-2	ND (<0.30)	ND (<1.7)	17	ND (<0.15)	ND (<0.093)	0.18 SI	0.50 SI	140	1.2	38
CB7-8	ND (<0.19)	ND (<1.0)	19	ND (<0.055)	ND (<0.073)	ND (<0.061)	ND (<0.13)	ND (<13)	2.0	1.5
CB8-1	ND (<0.68)	ND (<2.7)	19	ND (<0.30)	ND (<0.260)	1.1 SI	ND (<0.33)	93	2.0	250
CB8-10	ND (<0.21)	ND (<0.91)	19	ND (<0.061)	ND (<0.075)	ND (<0.056)	ND (<0.078)	ND (<9.9)	2.5	1.0
CB9-1	ND (<0.18)	ND (<0.62)	18	ND (<0.062)	ND (<0.061)	ND (<0.054)	ND (<0.080)	ND (<9.1)	1.5	1.8
CB9-6	ND (<0.23)	ND (<0.94)	18	ND (<0.058)	ND (<0.072)	ND (<0.055)	ND (<0.12)	ND (<10)	1.4	1.3
CB9-15	ND (<0.19)	ND (<1.1)	26	ND (<0.063)	ND (<0.071)	ND (<0.057)	ND (<0.13)	ND (<7.2)	4.6	1.1
CB-9-15 DUP	ND (<0.15)	ND (<2.3)	24	0.047	ND (<0.044)	ND (<0.041)	ND (<0.093)	ND (<6.5)	4.0	1.1
CB10-2	ND (<0.15)	ND (<0.89)	18	ND (<0.049)	ND (<0.053)	ND (<0.043)	ND (<0.090)	ND (<12)	1.2	1.1
CB10-10	ND (<0.15)	ND (<1.0)	23	ND (<0.052)	ND (<0.051)	ND (<0.046)	ND (<0.10)	ND (<5.7)	3.3	1.5
CB11-3	ND (<0.13)	ND (<0.76)	18	0.049 TI	ND (<0.045)	ND (<0.036)	ND (<0.067)	ND (<6.1)	1.2	1.1
CB11-7	ND (<0.17)	ND (<0.94)	22	ND (<0.049)	ND (<0.056)	ND (<0.053)	ND (<0.12)	ND (<12)	2.4	1.2
CB12-1	ND (<0.16)	ND (<0.89)	22	ND (<0.051)	ND (<0.067)	ND (<0.046)	ND (<0.068)	ND (<8.8)	1.6	0.58
CB12-6	ND (<0.22)	ND (<1.2)	18	ND (<0.071)	ND (<0.079)	ND (<0.065)	ND (<0.094)	ND (<12)	1.5	1.1
CB13-3	ND (<0.18)	ND (<0.97)	19	ND (<0.054)	ND (<0.056)	ND (<0.054)	ND (<0.11)	ND (<11)	1.3	1.1
CB13-8	ND (<0.17)	ND (<0.97)	23	ND (<0.055)	ND (<0.058)	ND (<0.049)	0.14	ND (<8.0)	2.3	1.3
CB14-3	ND (<0.21)	ND (<0.94)	17	ND (<0.056)	ND (<0.073)	ND (<0.049)	ND (<0.076)	ND (<10)	1.2	1.1
CB14-7	ND (<0.18)	ND (<1.2)	18	ND (<0.064)	ND (<0.061)	ND (<0.057)	ND (<0.11)	ND (<14)	1.3	1.1
CB15-1	ND (<0.36)	ND (<2.6)	14	ND (<0.19)	ND (<0.13)	0.15 SI	0.22	ND (<19)	2.3	46
CB15-3	ND (<0.14)	ND (<1.3)	17	ND (<0.048)	ND (<0.047)	ND (<0.042)	ND (<0.12)	ND (<7.2)	2.2	3.9
CB15-8	ND (<0.18)	ND (<1.2)	15	ND (<0.056)	ND (<0.063)	ND (<0.052)	ND (<0.12)	ND (<8.8)	2.0	1.1
CB16-3.5	ND (<0.17)	ND (<1.1)	18	ND (<0.045)	ND (<0.048)	ND (<0.044)	ND (<0.10)	ND (<7.0)	1.8	1.1
CB16-7	ND (<0.18)	ND (<1.7)	15	ND (<0.061)	ND (<0.064)	ND (<0.056)	ND (<0.097)	ND (<9.5)	1.6	1.0
CB17-5	ND (<0.20)	ND (<1.7)	20	ND (<0.068)	ND (<0.067)	ND (<0.041)	ND (<0.12)	ND (<10)	2.7	1.4
CB17-10	ND (<0.19)	ND (<1.3)	20	ND (<0.056)	ND (<0.059)	ND (<0.048)	ND (<0.076)	ND (<8.2)	2.0	1.0
CB18-2	ND (<0.19)	ND (<1.3)	18	ND (<0.056)	ND (<0.055)	ND (<0.056)	ND (<0.12)	ND (<8.6)	1.1	1.1
CB18-4	ND (<0.19)	ND (<1.4)	20	ND (<0.056)	ND (<0.055)	ND (<0.051)	ND (<0.11)	ND (<8.3)	1.3	1.3
CB18-6	ND (<0.18)	ND (<1.4)	19	ND (<0.060)	ND (<0.058)	ND (<0.050)	ND (<0.12)	ND (<8.5)	1.2	1.2

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Fe-59	I-131	K-40	Mn-54	Na-22	Nb-94	Nb-95	Pa-234m	Pb-212	Pb-214
CB18-8	ND (<0.21)	ND (<1.6)	18	ND (<0.054)	ND (<0.060)	ND (<0.057)	ND (<0.11)	ND (<9.4)	1.3	1.0
CB18-10	ND (<0.17)	ND (<1.6)	17	ND (<0.058)	ND (<0.060)	ND (<0.050)	ND (<0.12)	ND (<9.8)	1.1	0.92
CB18-14	ND (<0.18)	ND (<1.4)	29	ND (<0.040)	ND (<0.056)	ND (<0.043)	ND (<0.11)	ND (<7.7)	2.2	0.97
CB19-42	ND (<0.16)	ND (<1.2)	19	ND (<0.050)	ND (<0.049)	ND (<0.044)	0.082 TI	ND (<7.1)	1.9	1.2
CB20-1	ND (<0.30)	ND (<2.1)	19	ND (<0.12)	ND (<0.13)	0.10 TI	ND (<0.17)	ND (<13.0)	2.7	12
CB20-10	ND (<0.21)	ND (<1.7)	25	ND (<0.061)	ND (<0.066)	ND (<0.055)	ND (<0.11)	ND (<8.6)	2.9	1.6
CB20-16.5	ND (<0.18)	ND (<1.5)	18	ND (<0.066)	ND (<0.065)	ND (<0.058)	ND (<0.14)	ND (<10)	1.8	1.0
CB21-1	ND (<0.25)	ND (<1.6)	22	ND (<0.070)	ND (<0.081)	ND (<0.061)	ND (<0.099)	ND (<7.4)	2.4	1.7
CB21-3	ND (<0.26)	ND (<2.0)	24	ND (<0.074)	ND (<0.083)	ND (<0.070)	ND (<0.17)	ND (<12)	3.4	1.6
CB21-10	ND (<0.17)	ND (<1.3)	23	ND (<0.049)	ND (<0.054)	ND (<0.043)	ND (<0.11)	7.2 TI	2.4	0.93
CB22-2	ND (<0.19)	ND (<1.6)	24	ND (<0.034)	ND (<0.062)	ND (<0.053)	ND (<0.11)	ND (<5.8)	3.4	1.8
CB22-7	ND (<0.21)	ND (<1.4)	25	ND (<0.059)	ND (<0.072)	ND (<0.053)	ND (<0.12)	ND (<9.2)	2.7	1.1
CB23-1	ND (<0.17)	ND (<1.4)	26	ND (<0.075)	ND (<0.079)	ND (<0.044)	ND (<0.12)	41	2.3	8.2
CB23-4	ND (<0.17)	ND (<1.8)	21	ND (<0.043)	ND (<0.059)	ND (<0.045)	ND (<0.081)	ND (<7.9)	2.4	1.1
CB23-10	ND (<0.13)	ND (<1.2)	19	ND (<0.043)	ND (<0.042)	ND (<0.033)	ND (<0.075)	ND (<8.9)	1.6	0.95
CB24-10	ND (<0.15)	ND (<1.6)	19	ND (<0.045)	ND (<0.044)	ND (<0.042)	ND (<0.085)	ND (<6.7)	2.8	1.2
CB23-7	ND (<0.23)	ND (<1.9)	24	ND (<0.044)	ND (<0.064)	ND (<0.054)	ND (<0.14)	ND (<8.8)	3.4	1.4
CB24-2	ND (<0.18)	ND (<1.9)	20	0.054	ND (<0.062)	ND (<0.054)	ND (<0.12)	ND (<8.5)	1.4	1.9
CB25-4	ND (<0.22)	ND (<2.0)	26	ND (<0.045)	ND (<0.061)	ND (<0.058)	ND (<0.15)	ND (<9.0)	4.6	1.5
CB25-8	ND (<0.12)	ND (<1.1)	24	0.078	ND (<0.039)	ND (<0.030)	ND (<0.074)	ND (<5.1)	2.7	1.1
CB26-1	ND (<0.21)	ND (<2.2)	21	ND (<0.068)	ND (<0.093)	ND (<0.059)	ND (<0.13)	ND (<9.8)	2.2	2.8
CB26-5	ND (<0.18)	ND (<1.6)	21	ND (<0.040)	ND (<0.053)	ND (<0.048)	ND (<0.12)	ND (<7.6)	2.6	1.0
CB27-1	ND (<0.65)	ND (<5.2)	21	ND (<0.240)	ND (<0.22)	0.72 TI	ND (<0.31)	67	4.3	140
CB27-7	ND (<0.34)	ND (<2.0)	20	ND (<0.063)	ND (<0.071)	ND (<0.059)	0.43 SI	120	3.1	1.2
CB28-2	ND (<0.16)	ND (<1.9)	17	ND (<0.055)	ND (<0.055)	ND (<0.047)	ND (<0.13)	17	1.5	4.2
CB28-5	ND (<0.19)	ND (<1.8)	26	ND (<0.041)	ND (<0.053)	ND (<0.047)	ND (<0.12)	16	3.2	1.7
CB28-16	ND (<0.17)	ND (<1.8)	25	ND (<0.054)	ND (<0.058)	ND (<0.047)	ND (<0.11)	ND (<7.9)	1.9	1.2
CB28-18	ND (<0.16)	ND (<1.6)	23	ND (<0.046)	ND (<0.050)	ND (<0.043)	0.082 SI	ND (<7.2)	1.6	1.1

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Ra-226	Ra-228	Ru-106	Sb-124	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235
CB1-1	5.7	1.0	ND (<0.50)	0.11 TI	ND (<0.14)	ND (<0.068)	ND (<8.3)	26	0.35	1.3
CB1-5	1.2	1.0	ND (<0.55)	ND (<0.077)	ND (<0.14)	ND (<0.075)	ND (<0.27)	1.2	0.36	ND (<0.22)
CB1-10	2.3	3.6	ND (<0.52)	0.11 TI	ND (<0.094)	ND (<0.049)	ND (<7.3)	3.8	1.1	ND (<0.26)
CB2-3	1.2	0.99	ND (<0.57)	ND (<0.082)	ND (<0.15)	ND (<0.079)	ND (<5.7)	2.1	0.42	ND (<0.28)
CB2-7	1.7	2.5	ND (<0.60)	ND (<0.082)	ND (<0.15)	ND (<0.070)	ND (<8.6)	3.3	0.87	ND (<0.29)
CB3-2	3.6	1.1	ND (<0.41)	ND (<0.061)	ND (<0.10)	ND (<0.058)	0.17	2.5	0.35	ND (<0.30)
CB3-6.5	1.3	1.9	ND (<0.65)	ND (<0.076)	ND (<0.13)	ND (<0.070)	ND (<0.27)	2.7	0.55	ND (<0.23)
CB4-1.5	2.0	1.1	ND (<0.50)	ND (<0.078)	ND (<0.14)	ND (<0.081)	ND (<7.1)	2.7	0.43	ND (<0.24)
CB4-3.5	5.7	1.0	ND (<0.64)	ND (<0.094)	ND (<0.18)	ND (<0.090)	ND (<0.35)	3.8	0.31	0.47 TI
CB5-2	14	7.2	ND (<0.67)	ND (<0.160)	ND (<0.20)	ND (<0.10)	ND (<12)	11	2.5	0.78 TI
CB5-4	6.4	1.0	ND (<0.52)	ND (<0.084)	ND (<0.15)	ND (<0.083)	ND (<0.30)	4.6	0.33	ND (<0.32)
CB6-1	35	2.9	ND (<0.61)	ND (<0.150)	ND (<0.19)	ND (<0.097)	1.7	20	0.93	1.5
CB6-5	1.6	1.1	ND (<0.44)	ND (<0.070)	ND (<0.12)	ND (<0.064)	ND (<8.6)	7.0	0.32	0.36
CB7-2	49	1.3	ND (<0.76)	ND (<0.120)	ND (<0.25)	ND (<0.13)	2.0	53	0.40	4.3
CB7-8	1.8	2.0	ND (<0.56)	ND (<0.082)	ND (<0.14)	ND (<0.083)	ND (<10)	5.3	0.60	ND (<0.32)
CB8-1	300	1.9	ND (<1.1)	ND (<0.240)	2.5 TI	ND (<0.20)	32	21	0.37	10
CB8-10	1.2	2.4	ND (<0.52)	ND (<0.079)	ND (<0.13)	ND (<0.071)	ND (<7.4)	1.7	0.79	ND (<0.28)
CB9-1	2.1	1.4	ND (<0.51)	0.090 TI	ND (<0.13)	ND (<0.070)	ND (<7.2)	2.9	0.40	ND (<0.29)
CB9-6	1.5	1.2	ND (<0.49)	ND (<0.081)	ND (<0.14)	ND (<0.073)	ND (<4.8)	1.9	0.42	ND (<0.24)
CB9-15	1.4	4.4	ND (<0.54)	ND (<0.078)	ND (<0.14)	ND (<0.069)	ND (<0.29)	2.5	1.4	ND (<0.25)
CB-9-15 DUP	1.4	3.9	ND (<0.40)	ND (<0.065)	ND (<0.095)	ND (<0.051)	ND (<5.5)	3.3	1.2	ND (<0.20)
CB10-2	1.3	1.1	ND (<0.41)	ND (<0.061)	ND (<0.10)	ND (<0.053)	ND (<6.7)	4.2	0.38	ND (<0.22)
CB10-10	1.9	3.2	ND (<0.45)	ND (<0.068)	ND (<0.12)	ND (<0.059)	ND (<10)	3.6	1.0	ND (<0.22)
CB11-3	1.2	1.0	ND (<0.35)	0.13 TI	ND (<0.088)	ND (<0.048)	ND (<6.3)	1.6	0.35	ND (<0.25)
CB11-7	1.5	2.4	ND (<0.46)	ND (<0.073)	ND (<0.11)	ND (<0.065)	ND (<0.24)	2.2	0.76	ND (<0.22)
CB12-1	0.71	1.6	ND (<0.41)	ND (<0.068)	ND (<0.11)	ND (<0.061)	ND (<7.1)	1.8	0.53	ND (<0.21)
CB12-6	1.3	1.3	ND (<0.54)	ND (<0.092)	ND (<0.15)	ND (<0.080)	ND (<6.9)	ND (<1.1)	0.45	ND (<0.29)
CB13-3	1.4	1.3	ND (<0.44)	ND (<0.076)	ND (<0.12)	ND (<0.072)	ND (<6.8)	1.4	0.41	ND (<0.25)
CB13-8	1.5	2.0	ND (<0.46)	ND (<0.061)	ND (<0.12)	ND (<0.062)	ND (<0.24)	2.6	0.73	ND (<0.26)
CB14-3	1.3	1.3	ND (<0.49)	ND (<0.072)	ND (<0.12)	ND (<0.072)	ND (<7.5)	1.2	0.36	ND (<0.25)
CB14-7	1.4	1.2	ND (<0.55)	ND (<0.081)	ND (<0.14)	ND (<0.074)	ND (<8.0)	1.4	0.42	ND (<0.27)
CB15-1	56	2.1	ND (<0.94)	ND (<0.150)	ND (<0.62)	ND (<0.16)	3.0	5.9 TI	0.72	1.2 TI
CB15-3	4.8	2.0	ND (<0.40)	ND (<0.066)	ND (<0.12)	ND (<0.061)	ND (<7.4)	3.2	0.61	ND (<0.22)
CB15-8	1.4	1.7	ND (<0.48)	ND (<0.074)	ND (<0.12)	ND (<0.067)	ND (<10)	2.3	0.62	0.29 TI
CB16-3.5	1.5	1.8	ND (<0.40)	ND (<0.059)	ND (<0.092)	ND (<0.059)	ND (<4.5)	1.9	0.56	ND (<0.29)
CB16-7	1.3	1.5	ND (<0.57)	ND (<0.083)	ND (<0.13)	ND (<0.075)	ND (<7.7)	1.5	0.46	ND (<0.21)
CB17-5	1.7	2.5	ND (<0.57)	ND (<0.087)	ND (<0.14)	ND (<0.082)	ND (<7.6)	2.8	0.82	ND (<0.28)
CB17-10	1.2	1.9	ND (<0.48)	ND (<0.068)	ND (<0.12)	ND (<0.066)	ND (<6.3)	2.0	0.63	ND (<0.24)
CB18-2	1.4	1.0	ND (<0.50)	ND (<0.080)	ND (<0.12)	ND (<0.069)	ND (<8.1)	1.4	0.36	ND (<0.23)
CB18-4	1.5	1.2	ND (<0.48)	ND (<0.078)	ND (<0.12)	ND (<0.068)	ND (<6.5)	1.6	0.38	ND (<0.23)
CB18-6	1.5	1.1	ND (<0.49)	ND (<0.076)	ND (<0.12)	ND (<0.070)	ND (<0.3)	0.67	0.38	ND (<0.35)

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Ra-226	Ra-228	Ru-106	Sb-124	Sb-125	Sc-46	Th-227	Th-234	Tl-208	U-235
CB18-8	1.2	1.1	ND (<0.53)	ND (<0.083)	ND (<0.13)	ND (<0.071)	ND (<6.8)	1.8	0.37	ND (<0.27)
CB18-10	1.2	1.0	ND (<0.46)	ND (<0.077)	ND (<0.12)	ND (<0.072)	ND (<0.23)	1.4	0.34	ND (<0.34)
CB18-14	1.2	1.8	ND (<0.43)	0.078 TI	ND (<0.11)	ND (<0.061)	ND (<8.4)	2.1	0.57	ND (<0.33)
CB19-42	1.4	1.8	ND (<0.40)	0.11 TI	ND (<0.10)	ND (<0.056)	ND (<8.2)	2.0	0.55	ND (<0.20)
CB20-1	14	2.4	ND (<0.65)	ND (<0.110)	ND (<0.20)	ND (<0.11)	0.72	5.4	0.79	0.41 TI
CB20-10	1.9	2.8	ND (<0.55)	ND (<0.077)	ND (<0.13)	ND (<0.077)	ND (<7.4)	3.0	0.87	ND (<0.27)
CB20-16.5	1.3	1.6	ND (<0.52)	ND (<0.085)	ND (<0.14)	ND (<0.075)	ND (<0.26)	1.2	0.56	ND (<0.42)
CB21-1	2.0	2.3	ND (<0.55)	ND (<0.089)	ND (<0.15)	ND (<0.082)	ND (<7.8)	5.7	0.70	ND (<0.25)
CB21-3	2.0	3.1	ND (<0.65)	ND (<0.097)	ND (<0.16)	ND (<0.085)	ND (<0.4)	3.7	1.0	ND (<0.28)
CB21-10	1.1	2.4	ND (<0.41)	0.070 TI	ND (<0.10)	ND (<0.061)	ND (<6.9)	1.8	0.72	ND (<0.22)
CB22-2	2.1	3.3	ND (<0.50)	ND (<0.078)	ND (<0.13)	ND (<0.074)	ND (<7.2)	3.7	1.0	ND (<0.28)
CB22-7	1.3	2.3	ND (<0.49)	ND (<0.075)	ND (<0.13)	ND (<0.076)	ND (<7.4)	2.6	0.85	ND (<0.24)
CB23-1	10	2.1	ND (<0.42)	0.087 TI	ND (<0.12)	ND (<0.064)	0.57	24	0.68	1.2
CB23-4	1.3	2.3	ND (<0.43)	ND (<0.068)	ND (<0.11)	ND (<0.059)	ND (<0.2)	3.5	0.72	ND (<0.19)
CB23-10	1.2	1.5	ND (<0.33)	ND (<0.094)	ND (<0.08)	ND (<0.047)	ND (<6.3)	1.4	0.49	ND (<0.20)
CB24-10	1.5	2.8	ND (<0.39)	ND (<0.092)	ND (<0.096)	ND (<0.053)	ND (<6.0)	2.4	0.87	ND (<0.20)
CB23-7	1.8	3.3	ND (<0.55)	ND (<0.084)	ND (<0.14)	ND (<0.077)	ND (<7.5)	2.5	1.1	ND (<0.16)
CB24-2	2.3	1.3	ND (<0.49)	ND (<0.078)	ND (<0.12)	ND (<0.070)	ND (<6.3)	1.4	0.41	ND (<0.24)
CB25-4	1.9	4.4	ND (<0.51)	ND (<0.086)	ND (<0.12)	ND (<0.070)	ND (<0.28)	3.3	1.46	ND (<0.28)
CB25-8	1.3	1.8	ND (<0.28)	0.058 TI	ND (<0.072)	ND (<0.042)	ND (<4.9)	1.8	0.75	ND (<0.18)
CB26-1	3.3	2.0	ND (<0.56)	ND (<0.090)	ND (<0.14)	ND (<0.084)	ND (<8.0)	2.1	0.64	ND (<0.18)
CB26-5	1.3	2.5	ND (<0.42)	ND (<0.071)	ND (<0.11)	ND (<0.064)	ND (<6.3)	2.1	0.78	ND (<0.18)
CB27-1	170	3.7	ND (<1.00)	ND (<0.180)	0.90 TI	ND (<0.18)	8.0	45	0.86	3.0
CB27-7	1.5	3.0	ND (<0.54)	ND (<0.084)	ND (<0.17)	ND (<0.084)	ND (<8.2)	62	0.92	3.1
CB28-2	5.1	1.3	ND (<0.44)	ND (<0.075)	ND (<0.13)	ND (<0.067)	0.24	8.2	0.44	0.41
CB28-5	2.1	3.2	0.42 TI	ND (<0.097)	ND (<0.12)	ND (<0.061)	ND (<0.2)	7.1	1.0	0.40
CB28-16	1.5	1.7	ND (<0.44)	ND (<0.079)	ND (<0.12)	ND (<0.065)	ND (<7.2)	3.1	0.55	ND (<0.29)
CB28-18	1.3	1.4	ND (<0.41)	0.13 TI	ND (<0.10)	ND (<0.059)	ND (<6.1)	1.8	0.44	ND (<0.35)

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Zn-65
CB1-1	ND (<0.16)
CB1-5	ND (<0.16)
CB1-10	ND (<0.15)
CB2-3	ND (<0.32)
CB2-7	ND (<0.21)
CB3-2	ND (<0.17)
CB3-6.5	ND (<0.13)
CB4-1.5	ND (<0.27)
CB4-3.5	ND (<0.27)
CB5-2	ND (<0.22)
CB5-4	ND (<0.23)
CB6-1	ND (<0.24)
CB6-5	ND (<0.17)
CB7-2	ND (<0.33)
CB7-8	ND (<0.21)
CB8-1	ND (<0.53)
CB8-10	ND (<0.26)
CB9-1	ND (<0.19)
CB9-6	ND (<0.25)
CB9-15	ND (<0.21)
CB9-15 DUP	ND (<0.14)
CB10-2	ND (<0.15)
CB10-10	ND (<0.11)
CB11-3	ND (<0.14)
CB11-7	ND (<0.20)
CB12-1	ND (<0.22)
CB12-6	ND (<0.26)
CB13-3	ND (<0.13)
CB13-8	ND (<0.18)
CB14-3	ND (<0.22)
CB14-7	ND (<0.19)
CB15-1	12 TI
CB15-3	ND (<0.13)
CB15-8	ND (<0.20)
CB16-3.5	ND (<0.18)
CB16-7	ND (<0.15)
CB17-5	ND (<0.20)
CB17-10	ND (<0.17)
CB18-2	ND (<0.20)
CB18-4	ND (<0.18)
CB18-6	ND (<0.13)

Table 4-19
Borings Samples - Gamma Spectroscopy

Sample ID	Zn-65
CB18-8	ND (<0.19)
CB18-10	ND (<0.15)
CB18-14	ND (<0.18)
CB19-42	ND (<0.16)
CB20-1	ND (<0.27)
CB20-10	ND (<0.20)
CB20-16.5	ND (<0.15)
CB21-1	ND (<0.26)
CB21-3	ND (<0.18)
CB21-10	ND (<0.17)
CB22-2	ND (<0.20)
CB22-7	ND (<0.22)
CB23-1	ND (<0.19)
CB23-4	ND (<0.13)
CB23-10	ND (<0.14)
CB24-10	ND (<0.14)
CB23-7	ND (<0.15)
CB24-2	ND (<0.18)
CB25-4	ND (<0.20)
CB25-8	ND (<0.11)
CB26-1	ND (<0.19)
CB26-5	ND (<0.12)
CB27-1	ND (<0.46)
CB27-7	ND (<0.23)
CB28-2	ND (<0.16)
CB28-5	ND (<0.20)
CB28-16	ND (<0.12)
CB28-18	ND (<0.16)

Table 4-20
Borings
Metals Summary Statistics

Metal	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Arsenic	20.5	5.55	1.9	41.1	0.96	180	7.06
Barium	151	120	120	136	43	920	122
Cadmium	2.14	0.025	0.025	7.26	ND	52	0.084
Chromium	14	14	12	3.71	5.9	25	13.5
Lead	182	21	18	431	5	2400	39.5
Mercury	0.568	0.0465	0.014	1.6	0.0058	11	0.078
Molybdenum	10.2	1.6	1.3	25	0.49	160	2.8
Selenium	0.93	0.745	0.2	0.911	ND	4.8	0.639
Silver	1.12	0.02	0.02	2.91	ND	18	0.079
Vanadium	44	28.5	34	118	10	1000	29.6
Zinc	560	85	100	1674	26	13000	155

Notes: All data units are in milligrams per kilogram; ND, not detected.

Table 4-21
Borings
Alpha Spectroscopy Summary Statistics

Isotope	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Thorium-228	2.29	2.1	1.4	1.01	0.93	6.7	2.1
Thorium-230	7.7	1.45	1.1	27	0.76	210	2.17
Thorium-232	2.19	1.95	1.5	1.08	0.88	7.5	1.99
Uranium-234	8.62	1.4	1.1	20.1	0.59	110	2.4
Uranium-235	0.52	0.094	0.0560	1.15	ND	5.8	0.139
Uranium-238	8.7	1.3	1.1	20.3	0.64	110	2.42

Notes: All data units are in picocuries per gram.

Table 4-22
Borings
Gamma Spectroscopy Summary Statistics

Isotope	Mean	Median	Mode	Standard Deviation	Minimum	Maximum	Lognormal Mean
Bi-212	2.30	2.0	1.4	1.22	0.72	8.7	2.07
Bi-214	8.17	1.1	1.6	30.1	0.54	210	1.78
Co-56	0.956	0.15	0.08	3.80	ND	26	0.192
K-40	20.4	19	19	3.68	14	36	20.1
Pb-212	2.21	2	1.2	1.160	1.1	8.3	1.99
Pb-214	9.23	1.25	1.1	34.8	0.58	250	2.01
Ra-226	11.2	1.5	1.3	42.0	0.71	300	2.47
Ra-228	2.04	1.8	1	1.060	0.99	7.2	1.83
Th-234	6.32	2.55	1.4	11.50	ND	62	3.25
Tl-208	0.655	0.565	1	0.347	0.31	2.5	0.591

Notes: All data units are in picocuries per gram.

Table 4-23
Hydrocarbon Investigation - Volatile Organic Compounds

Compound	CB-18-6	CB-18-10	CB-18-14	CS-4.5	CS-5
Acetone	100 J	ND (<120)	40 J	190	120
Benzene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Bromodichloromethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Bromoform	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Bromomethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Carbon Disulfide	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Carbon Tetrachloride	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Chlorobenzene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Chloroethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Chloroform	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Chloromethane	ND (<66)	ND (<59)	ND (<55)	ND (<61)	ND (<62)
cis-1,2-Dichloroethene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
cis-1,3-Dichloropropene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Dibromochloromethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Ethylbenzene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Methylene Chloride	ND (<66)	ND (<59)	ND (<55)	ND (<61)	ND (<62)
Styrene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Tetrachloroethene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Toluene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Total Xylene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
trans-1,2-Dichloroethene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
trans-1,3-Dichloropropene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Trichloroethene	30 J	ND (<29)	7 J	ND (<31)	ND (<31)
Vinyl Acetate	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
Vinyl Chloride	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
2-Butanone	ND (<130)	ND (<120)	ND (<110)	ND (<120)	ND (<120)
2-Chloroethylvinylether	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
2-Hexanone	ND (<66)	ND (<59)	ND (<55)	ND (<61)	ND (<62)
4-Methyl-2-pentanone	ND (<130)	ND (<120)	ND (<110)	ND (<120)	ND (<120)
1,1-Dichloroethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
1,1-Dichloroethene	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
1,2-Dichloropropane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
2,2-Dichloropropane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
1,1,1-Trichloroethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
1,1,2-Trichloroethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)
1,1,2,2-Tetrachloroethane	ND (<33)	ND (<29)	ND (<28)	ND (<31)	ND (<31)

Notes: All data units in micrograms per kilogram; ND, not detected.

Table 4-24
Hydrocarbon Investigation - Semivolatile Organic Compounds

Compound	CS-4.5	CS-5
Acenaphthene	ND (<1.0)	ND (<1.0)
Acenaphthylene	ND (<1.0)	ND (<1.0)
Anthracene	ND (<1.0)	ND (<1.0)
Benzo(a)anthracene	ND (<1.0)	ND (<1.0)
Benzo(a)pyrene	ND (<1.0)	ND (<1.0)
Benzo(b&k)fluoranthene	ND (<2.0)	ND (<2.1)
Benzo(g,h,i)perylene	ND (<1.0)	ND (<1.0)
Benzoic acid	ND (<4.1)	ND (<4.1)
Benzyl alcohol	ND (<2.0)	ND (<2.1)
Bis(2-chloroethoxy)methane	ND (<2.0)	ND (<2.1)
Bis(2-chloroethyl)ether	ND (<2.0)	ND (<2.1)
Bis(2-ethylhexyl)phthalate	ND (<2.0)	ND (<2.1)
Butyl benzyl phthalate	ND (<1.0)	ND (<1.0)
Chrysene	ND (<1.0)	ND (<1.0)
Dibenzo(a,h)anthracene	ND (<1.0)	ND (<1.0)
Dibenzofuran	ND (<1.0)	ND (<1.0)
Dichlorodiisopropyl ether	ND (<2.0)	ND (<2.1)
Diethyl phthalate	ND (<1.0)	ND (<1.0)
Dimethyl phthalate	ND (<1.0)	ND (<1.0)
Di-n-butyl phthalate	ND (<1.0)	ND (<1.0)
Di-n-octyl phthalate	ND (<1.0)	ND (<1.0)
Fluoranthene	ND (<1.0)	ND (<1.0)
Fluorene	ND (<1.0)	ND (<1.0)
Hexachlorobenzene	ND (<1.0)	ND (<1.0)
Hexachlorobutadiene	ND (<2.0)	ND (<2.1)
Hexachlorocyclopentadiene	ND (<1.0)	ND (<1.0)
Hexachloroethane	ND (<2.0)	ND (<2.1)
Indeno(1,2,3-cd)pyrene	ND (<1.0)	ND (<1.0)
Isophorone	ND (<2.0)	ND (<2.1)
Naphthalene	ND (<2.0)	ND (<2.1)
Nitrobenzene	ND (<2.0)	ND (<2.1)
N-Nitroso-di-n-propylamine	ND (<2.0)	ND (<2.1)
N-Nitrosodiphenylamine	ND (<1.0)	ND (<1.0)
Pentachlorophenol	ND (<1.0)	ND (<1.0)
Phenanthrene	ND (<1.0)	ND (<1.0)
Phenol	ND (<2.0)	ND (<2.1)
Pyrene	ND (<1.0)	ND (<1.0)
2-Chloronaphthalene	ND (<1.0)	ND (<1.0)
2-Chlorophenol	ND (<2.0)	ND (<2.1)
2-Methylnaphthalene	ND (<2.0)	4.0
2-Methylphenol	ND (<2.0)	ND (<2.1)
2-Nitroaniline	ND (<1.0)	ND (<1.0)
2-Nitrophenol	ND (<2.0)	ND (<2.1)
3-Nitroaniline	ND (<1.0)	ND (<1.0)
4-Bromophenyl phenyl ether	ND (<1.0)	ND (<1.0)
4-Chloro-3-methylphenol	ND (<1.0)	ND (<1.0)
4-Chloroaniline	ND (<1.0)	ND (<1.0)
4-Chlorophenyl phenyl ether	ND (<1.0)	ND (<1.0)
4-Methylphenol	ND (<2.0)	ND (<2.1)
4-Nitroaniline	ND (<1.0)	ND (<1.0)
4-Nitrophenol	ND (<1.0)	ND (<1.0)
1,2-Dichlorobenzene	ND (<2.0)	ND (<2.1)
1,3-Dichlorobenzene	ND (<2.0)	ND (<2.1)
1,4-Dichlorobenzene	ND (<2.0)	ND (<2.1)
2,4-Dichlorophenol	ND (<1.0)	ND (<1.0)
2,4-Dimethylphenol	ND (<1.0)	ND (<1.0)
2,4-Dinitrophenol	ND (<4.1)	ND (<4.1)
2,4-Dinitrotoluene	ND (<1.0)	ND (<1.0)

Table 4-24
Hydrocarbon Investigation - Semivolatile Organic Compounds

Compound	CS-4.5	CS-5
2,6-Dinitrotoluene	ND (<1.0)	ND (<1.0)
3,3'-Dichlorobenzidine	ND (<2.0)	ND (<2.1)
4,6-Dinitro-2-methylphenol	ND (<1.0)	ND (<1.0)
1,2,4-Trichlorobenzene	ND (<2.0)	ND (<2.1)
2,4,5-Trichlorophenol	ND (<1.0)	ND (<1.0)
2,4,6-Trichlorophenol	ND (<1.0)	ND (<1.0)

Notes: All data units in milligrams per kilogram; ND, not detected.

**Table 4-25
Concrete Core Samples**

Metal / Isotope	CC-1	CC-2	CC-3	CC-4
Arsenic	2.9	2.5	2.7	2.6
Barium	76	68	75	65
Cadmium	ND (<0.53)	ND (<0.53)	ND (<0.52)	ND (<0.52)
Chromium	15	13	12	14
Lead	6	8.5	5.0	8.2
Mercury	0.014	0.01 B	0.0076 B	0.0068 B
Molybdenum	1.9	2.4	2.4	2.2
Selenium	0.37	ND (<0.53)	ND (<0.52)	ND (<0.52)
Silver	ND (<1.1)	ND (<1.1)	ND (<1.0)	ND (<1.0)
Vanadium	58	48	50	48
Zinc	64	46	43	42
Thorium-228	2.1	2.9	2.3	2.1
Thorium-230	1.5	1.5	1.3	1.2
Thorium-232	2.2	2.8	2.0	2.1
Uranium-234	1.2	1.5	1.2	0.88
Uranium-235	0.094 LT	0.077 LT	0.056 LT	ND (<0.091)
Uranium-238	1.3	1.3	1.2	1.1
Ag-110m	ND (<0.047)	ND (<0.041)	ND (<0.046)	ND (<0.046)
Al-26	ND (<0.045)	ND (<0.036)	ND (<0.044)	ND (<0.036)
Am-241	ND (<0.060)	ND (<0.230)	ND (<0.077)	ND (<0.078)
Be-7	ND (<0.61)	ND (<0.55)	ND (<0.66)	ND (<0.62)
Bi-212	3.0	2.7	2.2	2.3
Bi-214	1.1	1.2	1.1	1.0
Cd-109	5.5 SI	5.6 SI	4.4 SI	3.9 SI
Ce-139	ND (<0.034)	ND (<0.043)	ND (<0.034)	ND (<0.035)
Ce-144	ND (<0.20)	ND (<0.22)	ND (<0.20)	ND (<0.22)
Co-56	0.20	ND (<0.14)	ND (<0.12)	0.21 TI
Co-57	ND (<0.025)	ND (<0.029)	ND (<0.025)	ND (<0.027)
Co-58	ND (<0.072)	ND (<0.065)	ND (<0.082)	ND (<0.058)
Co-60	ND (<0.054)	ND (<0.043)	ND (<0.051)	ND (<0.043)
Cr-51	ND (<1.1)	ND (<1.0)	ND (<1.2)	ND (<1.2)
Cs-134	ND (<0.041)	ND (<0.042)	ND (<0.044)	0.048 TI
Cs-137	ND (<0.047)	ND (<0.042)	ND (<0.046)	ND (<0.044)
Eu-152	ND (<0.22)	ND (<0.21)	ND (<0.25)	0.16 TI
Eu-154	ND (<0.28)	ND (<0.24)	ND (<0.27)	ND (<0.31)
Eu-155	0.11	ND (<0.073)	ND (<0.13)	0.14
Fe-59	ND (<0.21)	ND (<0.17)	ND (<0.23)	ND (<0.21)
I-131	ND (<3.7)	ND (<3.7)	ND (<7.0)	ND (<5.4)
K-40	21	21	21	23
Mn-54	ND (<0.036)	ND (<0.033)	ND (<0.055)	ND (<0.031)
Na-22	ND (<0.055)	ND (<0.044)	ND (<0.054)	ND (<0.048)
Nb-94	ND (<0.045)	ND (<0.041)	ND (<0.045)	ND (<0.042)
Nb-95	ND (<0.12)	ND (<0.10)	ND (<0.14)	ND (<0.13)
Pa-234m	ND (<7.4)	ND (<6.9)	ND (<8.0)	ND (<6.2)
Pb-212	2.4	2.6	2.1	1.9
Pb-214	1.3	1.4	1.3	1.2
Ra-226	1.6	1.7	1.6	1.5
Ra-228	2.3	2.6	1.9	1.9
Ru-106	ND (<0.43)	ND (<0.41)	ND (<0.44)	ND (<0.36)
Sb-124	ND (<0.079)	ND (<0.075)	ND (<0.085)	ND (<0.076)
Sb-125	ND (<0.11)	ND (<0.10)	ND (<0.11)	ND (<0.092)
Sc-46	ND (<0.066)	ND (<0.060)	ND (<0.069)	ND (<0.065)
Th-227	ND (<0.21)	ND (<6.3)	ND (<6.1)	ND (<6.0)
Th-234	2.1	2.6	1.9	1.5
Tl-208	0.74	0.77	0.61	0.58
U-235	ND (<0.18)	ND (<0.22)	ND (<0.17)	ND (<0.21)
Zn-65	ND (<0.14)	ND (<0.15)	ND (<0.14)	ND (<0.16)

Notes: All metals units in milligrams per kilogram, all isotope units in picocuries per gram; ND, not detected; B, compound identified but at less than practical reporting limit, qualitative value; LT, less than requested minimum detection limit; TI, nuclide identification is tentative; SI, nuclide identification and/or quantitation is tentative.

**Table 4-26
Toxic Characteristic Leaching Procedure Samples - Metals**

Sample ID	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Molybdenum	Selenium	Silver	Vanadium	Zinc
CSM30S	0.044 B	0.28 B	0.017 B	ND (<0.10)	0.019 B	ND (<0.0020)	0.036 B	ND (<0.050)	0.016 B	0.058 B	1.2
CSM31S	0.024 B	0.60 B	0.022 B	ND (<0.10)	0.026 B	ND (<0.0020)	0.033 B	ND (<0.050)	0.010 B	0.0053 B	2.3
CSM82S	ND (<0.10)	1.1	0.55	ND (<0.10)	12	0.00013 B	ND (<0.10)	ND (<0.050)	0.014 B	ND (<0.10)	45
CSM97S	0.023 B	0.23 B	0.028 B	ND (<0.10)	0.036	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.014 B	ND (<0.10)	4.8
CSM113S	ND (<0.10)	0.52 B	0.042 B	ND (<0.10)	0.13	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.011 B	ND (<0.10)	2.7
CSM152S	0.046 B	0.87 B	0.0031 B	ND (<0.10)	0.054	0.00019 B	0.22	ND (<0.050)	0.015 B	0.0060 B	0.98
CP19-1S	0.022 B	0.58 B	0.060	ND (<0.10)	0.087	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.020 B	ND (<0.10)	9.2
CP21-1.5S	ND (<0.10)	0.30 B	0.061	ND (<0.10)	2.8	0.11	ND (<0.10)	ND (<0.050)	0.013 B	ND (<0.10)	5.9
CP21-3AS	ND (<0.10)	0.47 B	0.0290 B	ND (<0.10)	1	ND (<0.0020)	ND (<0.10)	ND (<0.050)	ND (<0.10)	ND (<0.10)	6.1
CP23-4S	ND (<0.10)	0.42 B	0.093	ND (<0.10)	0.1	ND (<0.0020)	ND (<0.10)	ND (<0.050)	0.011 B	ND (<0.10)	14

Notes: All units milligrams per liter; ND, not detected; B, compound identified but at less than practical reporting limit, qualitative value

Table 4-27
Toxic Characteristic Leaching Procedure
Semivolatile Organic Compounds and Volatile Organic Compounds

Volatile Organic Compounds

Sample ID	1,1-Dichloroethene	1,2-Dichloroethane	2-Butanone	Benzene	Carbon Tetrachloride	Chlorobenzene	Chloroform	Trichloroethene	Vinyl Chloride
CSM30S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM31S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM82S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM97S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM113S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CSM152S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP19-1S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP21-1.5S	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP21-3AS	ND (<25)	ND (<25)	ND (<100)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)
CP23-4S	ND (<25)	ND (<25)	40 J	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<25)	ND (<50)

Notes: All units micrograms per liter; ND, not detected; J, compound identified but at less than practical reporting limit, qualitative value

Semivolatile Organic Compounds

Sample ID	Pyridine	1,4-Dichlorobenzene	2-Methylphenol	Hexachloroethene	Nitrobenzene	Hexachlorobutadine	2,4,6-Trichlorophenol	2,4,5-Trichlorophenol	2,4-Dinitrotoluene	Hexachlorbenzene	Pentachlorophenol
CSM30S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM31S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM82S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM97S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM113S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CSM152S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP19-1S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP21-1.5S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP21-3AS	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)
CP23-4S	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<100)	ND (<500)	ND (<100)	ND (<100)	ND (<500)

Notes: All units micrograms per liter; ND, not detected.

Table 4-28
Toxic Characteristic Leaching Procedure Samples
Herbicides and Pesticides

Sample ID	2,4-D	Silvex	Gamma-BHC (Lindane)	Heptachlor	Heptachlor Epoxide	Gamma-Chlordane	Alpha-Chlordane	Endrin	Methoxychlor	Toxaphene	Chlordane
CSM30S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM31S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM82S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM97S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM113S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CSM152S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP19-1S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP21-1.5S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP21-3AS	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)
CP23-4S	ND (<5.0)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<0.50)	ND (<2.5)	ND (<25)	ND (<10)

Notes: All units micrograms per liter; ND, not detected; J, compound identified but at less than practical reporting limit, qualitative value

Table 4-29
Toxic Characteristic Leaching Procedure Samples
pH and Reactive Cyanide and Sulfide

Sample ID	pH	Reactive Cyanide	Reactive Sulfide
CSM30S	7.6	ND (<0.10)	ND (<50)
CSM82S	7.5	ND (<0.10)	ND (<50)

Notes: Units are milligram per kilogram; ND, not detected

**Table 4-30
Ground-Water Samples
Field Parameters - Four Quarters**

	Field Parameter	Ground-Water Monitoring Well						
		CSMRI-01	CSMRI-02	CSMRI-03	CSMRI-04	CSMRI-05	CSMRI-06	CSMRI-07
First Round (Feb 2003)	Dissolved Oxygen (milligrams per liter)	7.8	4.3	0.40	1.5	2.0	7.6	6.9
	pH	7.75	7.52	6.86	6.44	7.01	7.38	7.75
	Specific Conductance (microsiemens per centimeter)	464	552	2460	655	574	408	876
	Temperature (°C)	5.1	11.5	13.4	6.1	8.3	12.3	9.6
Second Round (Apr 2003)	Dissolved Oxygen (milligrams per liter)	3.4	1.6	0.16	0.90	1.3	6.2	5.4
	pH	7.11	7.27	6.84	6.92	6.95	7.20	7.35
	Specific Conductance (microsiemens per centimeter)	725	601	2530	949	580	391	958
	Temperature (°C)	5.6	12.7	13.4	7.6	9.2	12.1	10.5
Third Round (Jul 2003)	Dissolved Oxygen (milligrams per liter)	1.5	1.0	0.23	0.00	0.55	9.5	5.5
	pH	7.34	7.29	6.64	6.87	7.02	7.21	7.12
	Specific Conductance (microsiemens per centimeter)	431	588	2350	968	639	545	1021
	Temperature (°C)	11.2	15.2	14.0	14.6	14.1	12.2	13.8
Fourth Round (Oct 2003)	Dissolved Oxygen (milligrams per liter)	2.0	1.4	0.09	0.16	1.9	8.4	4.5
	pH	7.28	7.34	6.73	6.90	7.14	7.20	7.02
	Specific Conductance (microsiemens per centimeter)	530	613	2430	864	711	670	784
	Temperature (°C)	13.2	15.7	13.7	15.5	11.5	12.3	17.6

Table 4-31
Ground-Water Samples - Detected Volatile Organic Compounds

	Compound	Ground-Water Monitoring Well						
		CSMRI-01	CSMRI-02	CSMRI-03	CSMRI-04	CSMRI-05	CSMRI-06	CSMRI-07
First Round (Feb 2003)	Acetone	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	4 J
	Bromodichloromethane	ND (<1)	ND (<1)	ND (<1)	ND (<1)	0.49 J	ND (<1)	ND (<1)
	Chloroform	ND (<1)	ND (<1)	ND (<1)	0.35 J	1.5	ND (<1)	ND (<1)
	cis-1,2-Dichloroethene	ND (<1)	ND (<1)	ND (<1)	1.0	1.0	ND (<1)	ND (<1)
	Tetrachloroethene	ND (<1)	ND (<1)	ND (<1)	1.1	ND (<1)	ND (<1)	ND (<1)
	Trichloroethene	ND (<1)	ND (<1)	ND (<1)	4.1	0.51 J	ND (<1)	ND (<1)
Second Round (Apr 2003)	Acetone	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
	Bromodichloromethane	ND (<1)	ND (<1)	ND (<1)	ND (<1)	0.45 J	ND (<1)	ND (<1)
	Chloroform	ND (<1)	ND (<1)	ND (<1)	0.80 J	1.4	ND (<1)	ND (<1)
	cis-1,2-Dichloroethene	ND (<1)	ND (<1)	ND (<1)	1.5	ND (<1)	ND (<1)	ND (<1)
	Tetrachloroethene	ND (<1)	ND (<1)	ND (<1)	0.79 J	ND (<1)	ND (<1)	ND (<1)
	Trichloroethene	ND (<1)	ND (<1)	ND (<1)	4.2	0.58 J	ND (<1)	ND (<1)
Third Round (Jul 2003)	Acetone	1.6 J,B	2.8 J,B	1.5 J,B	5.8 J,B	2.5 J,B	3.1 J,B	1.6 J,B
	Bromodichloromethane	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
	Chloroform	ND (<1)	ND (<1)	ND (<1)	1.3	0.55 J	ND (<1)	ND (<1)
	Chloromethane	0.21 J	ND (<1)	ND (<1)	0.26 J	ND (<1)	0.25 J	0.37 J
	cis-1,2-Dichloroethene	ND (<1)	ND (<1)	ND (<1)	1.3	ND (<1)	ND (<1)	ND (<1)
	Tetrachloroethene	ND (<1)	ND (<1)	ND (<1)	1.9	ND (<1)	ND (<1)	ND (<1)
	Trichloroethene	ND (<1)	ND (<1)	ND (<1)	3.3	0.44 J	ND (<1)	ND (<1)
Fourth Round (Oct 2003)	Acetone	1.8 J,B	1.7 J,B	ND (<10)	ND (<10)	2.1 J,B	2.4 J,B	ND (<10)
	Bromodichloromethane	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
	Chloroform	ND (<1)	ND (<1)	ND (<1)	0.38 J	0.60 J	ND (<1)	ND (<1)
	Chloromethane	ND (<1)	0.59 J	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)
	cis-1,2-Dichloroethene	ND (<1)	ND (<1)	ND (<1)	1.9	ND (<1)	ND (<1)	ND (<1)
	Tetrachloroethene	ND (<1)	ND (<1)	ND (<1)	1.2	ND (<1)	ND (<1)	ND (<1)
	Trichloroethene	ND (<1)	ND (<1)	ND (<1)	5.1	0.19 J	ND (<1)	ND (<1)

Notes: All data units in micrograms per liter; ND, not detected; J, compound identified but at less than minimum detection limit, qualitative value; J,B, compound identified at below minimum detection limit but also in laboratory blank - probable laboratory contaminant.

Table 4-32
Ground-Water Samples
Volatile and Semivolatile Organic Compound Analyte List

Volatile Organic Compound Analytes	Semivolatile Organic Compound Analytes
Acetone	Acenaphthene
Benzene	Acenaphthylene
Bromobenzene	Aniline
Bromochloromethane	Anthracene
Bromodichloromethane	Azobenzene
Bromoform	Benzo(a)anthracene
Bromomethane	Benzo(a)pyrene
Carbon Disulfide	Benzo(b)fluoranthene
Carbon Tetrachloride	Benzo(g,h,i)perylene
Chlorobenzene	Benzo(k)fluoranthene
Chloroethane	Benzoic acid
Chloroform	Benzyl alcohol
Chloromethane	Bis(2-chloroethoxy)methane
cis-1,2-Dichloroethene	Bis(2-chloroethyl)ether
cis-1,3-Dichloropropene	Bis(2-chloroisopropyl)ether
Dibromochloromethane	Bis(2-ethylhexyl)phthalate
Dibromomethane	Butyl benzyl phthalate
Dichlorodifluoromethane	Carbazole
Ethylbenzene	Chrysene
Hexachlorobutadiene	Dibenzo(a,h)anthracene
Iodomethane	Dibenzofuran
Isopropylbenzene	Diethyl phthalate
m+p-Xylene	Dimethylphthalate
Methyl Tertiary Butyl Ether	Di-n-butyl phthalate
Methylene Chloride	Di-n-octyl phthalate
Naphthalene	Fluoranthene
n-Butylbenzene	Fluorene
n-Propylbenzene	Hexachlorobenzene
o-Xylene	Hexachlorobutadiene
p-Isopropyltoluene	Hexachlorocyclopentadiene
sec-Butylbenzene	Hexachloroethane
Styrene	Indeno(1,2,3-cd)pyrene
Tert-Butylbenzene	Isophorone
Tetrachloroethene	Naphthalene
Toluene	Nitrobenzene
trans-1,2-Dichloroethene	N-Nitrosodimethylamine
trans-1,3-Dichloropropene	N-Nitroso-di-n-propylamine
Trichloroethene	N-Nitrosodiphenylamine
Trichlorofluoromethane	Pentachlorophenol
Trichlorotrifluoroethane	Phenanthrene
Vinyl Acetate	Phenol
Vinyl Chloride	Pyrene
1-Chlorohexane	Pyridine
2-Butanone	2-Chloronaphthalene
2-Chlorotoluene	2-Chlorophenol
2-Hexanone	2-Methylnaphthalene
4-Chlorotoluene	2-Methylphenol
4-Methyl-2-pentanone	2-Nitroaniline
1,1-Dichloroethane	2-Nitrophenol
1,1-Dichloroethene	3-Nitroaniline
1,1-Dichloropropene	4-Bromophenyl phenyl ether
1,2-Dibromo-3-chloropropane	4-Chloro-3-methylphenol
1,2-Dibromoethane	4-Chloroaniline
1,2-Dichlorobenzene	4-Chlorophenyl phenyl ether
1,2-Dichloroethane	4-Methylphenol

Table 4-32
Ground-Water Samples
Volatile and Semivolatile Organic Compound Analyte List

Volatile Organic Compound Analytes	Semivolatile Organic Compound Analytes
1,2-Dichloropropane	4-Nitroaniline
1,3-Dichlorobenzene	4-Nitrophenol
1,3-Dichloropropane	1,2-Dichlorobenzene
1,4-Dichlorobenzene	1,3-Dichlorobenzene
2,2-Dichloropropane	1,4-Dichlorobenzene
1,1,1-Trichloroethane	2,4-Dichlorophenol
1,1,2-Trichloroethane	2,4-Dimethylphenol
1,2,3-Trichlorobenzene	2,4-Dinitrophenol
1,2,3-Trichloropropane	2,4-Dinitrotoluene
1,2,4-Trichlorobenzene	2,6-Dinitrotoluene
1,2,4-Trimethylbenzene	3,3'-Dichlorobenzidine
1,3,5-Trimethylbenzene	4,6-Dinitro-2-methylphenol
1,1,1,2-Tetrachloroethane	1,2,4-Trichlorobenzene
1,1,2,2-Tetrachloroethane	2,4,5-Trichlorophenol
	2,4,6-Trichlorophenol
	2,3,4,6-Tetrachlorophenol

**Table 4-33
Ground-Water Samples - Metals**

Metal	Ground-Water Monitoring Well							
	CSMRI-01	CSMRI-02	CSMRI-03	CSMRI-04	CSMRI-05	CSMRI-06	CSMRI-07	
First Round (Feb 2003)	Arsenic	ND (<10)	ND (<10)	2.2 B	3.2 B	ND (<10)	1.7 B	ND (<10)
	Barium	81 B	100	35 B	74 B	46 B	120	83 B
	Cadmium	ND (<5.0)	ND (<5.0)	ND (<5.0)	0.21 B	ND (<5.0)	ND (<5.0)	ND (<5.0)
	Chromium	0.63 B	5.6 B	5.5 B	2.6 B	ND (<10)	8.7 B	2.7 B
	Lead	ND (<3.0)	ND (<3.0)	1.3 B	5.4	ND (<3.0)	3.9	ND (<3.0)
	Mercury	0.015 B	0.021 B	0.024 B	0.37	0.20 B	0.012 B	0.019 B
	Molybdenum	4.5 B	ND (<10)	4.6 B	28	ND (<10)	2.8 B	ND (<10)
	Selenium	ND (<5.0)	ND (<5.0)	3.4 B	3.3 B	ND (<5.0)	ND (<5.0)	ND (<5.0)
	Silver	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
	Vanadium	1.3 B	4.7 B	2.0 B	4.3 B	ND (<10)	5.8 B	1.4 B
	Zinc	63	6.8 B	9.4 B	210	77	25	13 B
Second Round (Apr 2003)	Arsenic	ND (<10)	6.1 B	ND (<10)	1.7 B	ND (<10)	ND (<10)	ND (<10)
	Barium	110	240	47 B	57 B	47 B	15 B	92 B
	Cadmium	0.42 B	0.23 B	ND (<5.0)	0.20 B	0.25 B	ND (<5.0)	ND (<5.0)
	Chromium	1.6 B	190	4.3 B	1.4 B	0.74 B	0.56 B	3.0 B
	Lead	ND (<3.0)	24	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
	Mercury	ND (<0.20)	0.072 B	ND (<0.20)	0.039 B	ND (<0.20)	ND (<0.20)	ND (<0.20)
	Molybdenum	ND (<10)	18	7.0 B	34	4.1 B	39	3.3 B
	Selenium	ND (<5.0)	ND (<5.0)	ND (<5.0)	2.3 B	2.3 B	ND (<5.0)	2.0 B
	Silver	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
	Vanadium	1.4 B	36	4.2 B	1.0 B	1.1 B	ND (<10)	ND (<10)
	Zinc	61	68	11 B	140	88	8.1 B	11 B
Third Round (Jul 2003)	Arsenic	ND (<10)	ND (<10)	3.6 B	4.1 B	3.8 B	ND (<10)	4.6 B
	Barium	82 B	85 B	25 B	53 B	66 B	75 B	62 B
	Cadmium	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)	ND (<5.0)
	Chromium	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
	Lead	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
	Mercury	ND (<0.20)	ND (<0.20)	ND (<0.20)	0.010 B	ND (<0.20)	ND (<0.20)	ND (<0.20)
	Molybdenum	ND (<10)	ND (<10)	6.5 B	140	13	ND (<10)	6.5
	Selenium	ND (<5.0)	3.2 B	4.5 B	3.5 B	6.7	1.3 B	4.9 B
	Silver	ND (<10)	1.1 B	0.73 B	1.4 B	ND (<10)	ND (<10)	2.0 B
	Vanadium	1.2 B	0.89 B	ND (<0.43)	1.1 B	ND (<10)	0.67 B	2.2 B
	Zinc	ND (<20)	12 B	9.1 B	230	48	ND (<20)	23
Fourth Round (Oct 2003)	Arsenic	ND (<10)	ND (<10)	ND (<10)	2.4 B	ND (<10)	ND (<10)	ND (<10)
	Barium	85 B	88 B	24 B	52 B	59 B	83 B	71 B
	Cadmium	0.33 B	ND (<5.0)	ND (<5.0)	0.73 B	0.27 B	ND (<5.0)	0.24 B
	Chromium	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	9.7 B
	Lead	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)	ND (<3.0)
	Mercury	ND (<0.20)	ND (<0.20)	0.0034 B	0.0084 B	0.0094 B	0.0042 B	0.0058 B
	Molybdenum	6.8 B	ND (<10)	9.0 B	48	ND (<10)	ND (<10)	6.7 B
	Selenium	2.0 B	ND (<5.0)	ND (<5.0)	ND (<5.0)	1.5 B	ND (<5.0)	ND (<5.0)
	Silver	ND (<10)	ND (<10)	0.78 B	1.6 B	0.81 B	0.82 B	1.2 B
	Vanadium	ND (<10)	0.96 B	ND (<10)	0.77 B	1.8 B	ND (<10)	ND (<10)
	Zinc	49	7.8 B	1.1 B	240	81	12 B	25

Notes: All data units in micrograms per liter; ND, not detected; B, compound identified but at less than practical reporting limit, qualitative value; First and second round samples were for total metals - third and fourth round samples were dissolved metals (0.45 micron filter).

Table 4-34
Ground-Water Samples
Anions and Cations

	Anion / Cation	Ground-Water Monitoring Well						
		CSMRI-01	CSMRI-02	CSMRI-03	CSMRI-04	CSMRI-05	CSMRI-06	CSMRI-07
First Round (Feb 2003)	Chloride	39	4.9	99	33	29	18	46
	Nitrate, as N	0.79	ND (<0.20)	6.6	0.23	0.53	0.39	0.41
	Nitrite, as N	ND (<0.10)	ND (<0.10)	ND (<0.20)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)
	Sulfate	90	40	980	100	84	61	90
	Calcium	34	59	310	64	53	38	86
	Magnesium	12	27	160	27	22	15	35
	Potassium	3.4	6.7	12	4.5	3.1	4.7	6.9
	Sodium	33	17	110	26	26	19	42
Second Round (Apr 2003)	Bicarbonate as CaCO3	80	260	580	210	150	100	290
	Carbonate as CaCO3	ND (<10)	ND (<20)	ND (<20)	ND (<10)	ND (<10)	ND (<10)	ND (<20)
	Chloride	120	3.7	88	48	31	17	40
	Fluoride	0.43	1.3	0.56	0.53	0.35	0.28	0.57
	Nitrate, as N	0.84	ND (<0.20)	3.6	0.63	0.47	0.23	0.74
	Nitrite, as N	ND (<0.10)	ND (<0.10)	ND (<0.20)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)
	Sulfate	99	36	940	230	90	62	170
	Calcium	54	67 (66 ¹)	310	95	54	3.6 (37 ¹)	100
	Magnesium	19	29 (28 ¹)	160	39	22	1.5 (16 ¹)	43
	Potassium	4.6	7.6 (6.4 ¹)	14	5.4	3.3	2.3 (7.2 ¹)	8.1
	Sodium	51	17 (17 ¹)	100	40	27	230 (20 ¹)	40
Third Round (Jul 2003)	Bicarbonate as CaCO3	62	270	590	320	140	110	210
	Carbonate as CaCO3	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
	Chloride	73	3.8	76	33	42	63	35
	Fluoride	0.58	1.3	0.52	0.74	0.46	0.22	0.56
	Nitrate, as N	0.44	ND (<0.20)	ND (<1.0)	ND (<0.20)	ND (<0.20)	1.4	1.7
	Nitrite, as N	ND (<0.10)	ND (<0.10)	ND (<0.50)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)
	Sulfate	41	34	820	160	120	62	140
	Calcium	31	64	310	100	67	55	84
	Magnesium	12	29	160	41	22	20	38
	Potassium	3	6	14	8.1	3.9	3.3	6.2
	Sodium	31	17	97	43	28	22	39
Fourth Round (Oct 2003)	Bicarbonate as CaCO3	87	250	600	210	150	140	170
	Carbonate as CaCO3	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)
	Chloride	73	4.3	83	76	74	85	88
	Fluoride	0.52	1.3	0.55	0.63	0.37	0.33	0.49
	Nitrate, as N	0.68	ND (<0.20)	0.56	0.56	1.3	2.4	2.5
	Nitrite, as N	ND (<0.10)	ND (<0.10)	ND (<0.20)	ND (<0.10)	ND (<0.10)	ND (<0.10)	ND (<0.10)
	Sulfate	62	34	820	130	100	72	80
	Calcium	32	65	300	88	67	66	67
	Magnesium	11	28	160	36	26	24	34
	Potassium	3.9	5.9	13	6.7	3.7	3.5	4.5
	Sodium	52	17	100	35	34	28	28

Notes: All data units in milligrams per liter; ND, not detected.

¹ Results of sample cation analyses rerun (7-9-03) after excessive differences were determined in anion/cation balance calculations.

**Table 4-35
Ground-Water Samples
Radioisotopes - Four Quarters**

	Isotope	Ground-Water Monitoring Well													
		CSMRI-01		CSMRI-02		CSMRI-03		CSMRI-04		CSMRI-05		CSMRI-06		CSMRI-07	
		Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU
First Round (Feb 2003)	Radium-226	0.55 LT	±0.29	1.4	±0.44	0.75 LT	±0.25	0.85 LT	±0.36	ND (<0.49)	±0.33	0.61 LT	±0.24	0.63 LT	±0.28
	Thorium-228	ND (<0.21)	±0.13	0.3	±0.11	0.45	±0.13	0.3	±0.11	ND (<0.12)	±0.055	0.43	±0.13	ND (<0.17)	±0.10
	Thorium-230	0.19 LT	±0.066	0.17 LT	±0.072	0.12 LT	±0.059	0.099 LT	±0.045	0.062 LT	±0.044	0.16 LT	±0.054	0.080 LT	±0.048
	Thorium-232	0.077 LT	±0.047	0.16 LT	±0.072	0.14 LT	±0.064	0.065 LT	±0.038	ND (<0.049)	±0.031	0.17 LT	±0.055	0.052 LT	±0.038
	Uranium-234	2.0	±0.39	1.1	±0.095	9.9	±1.4	9.1	±1.3	2.3	±0.43	1.8	±0.34	4.5	±0.69
	Uranium-235	ND (<0.14)	±0.082	0.15 LT	±0.035	0.31	±0.13	0.58	±0.18	ND (<0.036)	±0.11	0.16 LT	±0.088	0.29	±0.12
	Uranium-238	1.2	±0.27	0.57	±0.076	6.0	±0.88	7.9	±1.1	1.4	±0.31	1.4	±0.29	4.1	±0.63
Second Round (Apr 2003)	Radium-226	0.45 LT	±0.23	2.8	±0.82	0.81 LT	±0.33	0.42 LT	±0.26	1.1	±0.41	2.0	±0.64	0.49 LT	±0.22
	Radium-228	ND (<0.89)	±0.54	2.6	±0.69	2.0	±0.71	ND (<1.1)	±0.72	ND (<1.1)	±0.67	2.3	±0.68	1.3	±0.66
	Thorium-228	0.23	±0.13	1.1	±0.26	0.22	±0.098	0.18 LT	±0.08	ND (<0.11)	±0.050	0.99	±0.21	ND (<0.14)	±0.082
	Thorium-230	0.21	±0.10	0.43	±0.15	ND (<0.15)	±0.078	ND (<0.15)	±0.084	ND (<0.14)	±0.084	0.15 LT	±0.090	ND (<0.16)	±0.097
	Thorium-232	0.092 LT	±0.060	0.41	±0.13	0.059 LT	±0.041	ND (<0.061)	±0.032	ND (<0.054)	±0.029	0.59	±0.15	ND (<0.095)	±0.059
	Uranium-234	2.0	±0.38	0.97	±0.24	10	±1.5	18	±2.6	1.4	±0.30	0.93	±0.23	7.4	±1.1
	Uranium-235	ND (<0.093)	±0.062	ND (<0.099)	±0.061	0.24	±0.11	0.67	±0.19	ND (<0.072)	±0.059	ND (<0.085)	±0.058	0.28	±0.12
Uranium-238	1.4	±0.30	0.64	±0.18	5.9	±0.94	17	±2.4	1.1	±0.26	0.84	±0.21	6.0	±0.94	
Third Round (Jul 2003)	Radium-226	ND (<0.38)	±0.19	2.1	±0.64	ND (<0.49)	±0.32	0.32 LT	±0.21	2.6	±0.77	0.33 LT	±0.21	0.36 LT	±0.24
	Radium-228	ND (<0.63)	±0.32	2.9	±0.95	1.98	±0.70	0.76 LT	±0.36	0.95 LT	±0.42	ND (<0.60)	±0.31	ND (<0.58)	±0.34
	Thorium-228	ND (<0.19)	±0.094	0.72	±0.19	0.22	±0.10	0.44	±0.15	ND (<0.11)	±0.050	0.40	±0.13	ND (<0.20)	±0.10
	Thorium-230	ND (<0.13)	±0.062	0.20	±0.11	ND (<0.17)	±0.083	ND (<0.17)	±0.076	ND (<0.19)	±0.063	ND (<0.16)	±0.077	ND (<0.15)	±0.057
	Thorium-232	ND (<0.055)	±0.021	0.25	±0.097	0.15 LT	±0.068	0.075 LT	±0.057	ND (<0.032)	±0.038	0.15 LT	±0.072	ND (<0.062)	±0.038
	Uranium-234	0.80	±0.17	1.5	±0.28	7.4	±1.0	28	±3.7	1.6	±0.29	1.1	±0.23	15	±2.0
	Uranium-235	0.050 LT	±0.039	ND (<0.025)	±0.030	0.27	±0.098	1.3	±0.27	ND (<0.059)	±0.039	0.080 LT	±0.053	0.61	±0.16
Uranium-238	0.42	±0.11	0.99	±0.21	4.8	±0.71	27	±3.6	1.4	±0.26	0.72	±0.17	14	±1.9	
Fourth Round (Oct 2003)	Radium-226	ND (<0.31)	±0.20	1.7	±0.63	0.98 LT	±0.43	ND (<0.64)	±0.41	1.59	±0.56	ND (<0.81)	±0.47	0.61 LT	±0.29
	Radium-228	ND (<0.71)	±0.37	1.7	±0.65	2.3	±0.86	ND (<0.69)	±0.34	ND (<0.71)	±0.38	0.73 LT	±0.40	1.0	±0.47
	Thorium-228	ND (<0.15)	±0.078	0.56	±0.17	0.19 LT	±0.089	ND (<0.15)	±0.073	ND (<0.12)	±0.055	0.30	±0.096	0.48	±0.15
	Thorium-230	0.15 LT	±0.079	0.31	±0.11	ND (<0.14)	±0.084	ND (<0.12)	±0.073	ND (<0.13)	±0.067	ND (<0.12)	±0.064	0.27	±0.11
	Thorium-232	0.047 LT	±0.032	0.22	±0.082	0.049 LT	±0.038	ND (<0.041)	±0.019	ND (<0.044)	±0.026	0.13 LT	±0.057	0.32	±0.11
	Uranium-234	1.4	±0.34	0.93	±0.26	7.6	±1.3	9.9	±1.7	1.8	±0.41	2.6	±0.56	6.0	±1.1
	Uranium-235	ND (<0.081)	±0.063	ND (<0.11)	±0.062	0.20 LT	±0.11	0.55	±0.20	0.16 LT	±0.10	0.18 LT	±0.11	0.32	±0.14
Uranium-238	0.69	±0.22	0.66	±0.21	5.1	±0.92	9.4	±1.6	1.6	±0.38	1.8	±0.42	5.2	±0.94	

Notes: All data units in picocuries per gram; TPU, total propagated uncertainty; ND, not detected; LT, less than requested minimum detection limit, greater than sample specific minimum detection limit, M3, the requested MDC was not met, but the reported activity is greater than the minimum detectable concentration.

**Table 4-36
Ground-Water Samples
Total Uranium Concentrations**

Isotope	CSMRI-01		CSMRI-02		CSMRI-03		CSMRI-04		CSMRI-05		CSMRI-06		CSMRI-07	
	Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU	Concentration	TPU
Total Uranium, Feb 2003	3.6	±0.84	1.8	±0.24	18	±2.7	24	±3.4	4.2	±0.97	4.2	±0.90	12	±1.9
Total Uranium, Apr 2003	4.3	±0.90	1.9	±0.54	18	±2.8	51	±7.2	3.4	±0.77	2.5	±0.63	18	±2.8
Total Uranium, Jul 2003	1.3	±0.34	2.9	±0.62	14	±2.1	79	±11	4.1	±0.77	2.2	±0.51	42	±5.7
Total Uranium, Oct 2003	2.1	±0.66	2.0	±0.63	15	±2.8	28	±4.8	4.9	±1.1	5.4	±1.2	16	±2.8

Notes: TPU, total propagated uncertainty

**Table 4-37
CSMRI Ground-Water Samples
Historical Data - Field Parameters**

	Well	CSMRI-01	CSMRI-02	CSMRI-03	CSMRI-04	CSMRI-05	CSMRI-06	CSMRI-07
Dec-86	pH	NA	7.24	7.32	6.8	6.85	NA	NA
	Specific Conductance (microsiemens per centimeter)	NA	2890	2840	1050	1040	NA	NA
	Temperature (°C)	NA	8.9	10	7.2	6.7	NA	NA
Jun-87	pH	NA	8.2	7.88	7.9	7.96	NA	NA
	Specific Conductance (microsiemens per centimeter)	NA	330	1260	590	450	NA	NA
	Temperature (°C)	NA	14.3	16.5	13.3	12.6	NA	NA

Notes: ND, not detected; NA, not applicable (these wells were not installed or sampled at the time of sampling)

Historical data from: *CSM Environmental Monitoring Program, Second Quarter, 1991 Report, Claypits Site and CSMRI Creekside Facility* (James L. Grant & Associates, Inc., October 21, 1991) and *4th Quarter Groundwater Analytical Results, CSMRI, Golden, CO* (URS Greiner Woodward-Clyde International-Americas, Inc, December 6, 1999).

Table 4-38
CSMRI Ground-Water Sampling
Historical Data - Trace Metals

	Metal	CSMRI-01	CSMRI-02	CSMRI-03	CSMRI-04	CSMRI-05	CSMRI-06	CSMRI-07
May-87	Arsenic	NA	ND (<5)	ND (<5)	ND (<5)	ND (<5)	NA	NA
	Cadmium	NA	1	ND (<1)	2	ND (<1)	NA	NA
	Lead	NA	ND (<20)	ND (<20)	ND (<20)	ND (<20)	NA	NA
Oct-95	Arsenic	ND (<10)	ND (<10)	ND (<10)	ND (<10)	ND (<10)	NA	NA
	Cadmium	ND (<1)	ND (<1)	ND (<1)	ND (<1)	ND (<1)	NA	NA
	Lead	ND (<3)	ND (<3)	ND (<3)	ND (<3)	ND (<3)	NA	NA

Notes: All units in micrograms per liter; ND, not detected; NA, not applicable (these wells were not installed or sampled at the time of sampling);
Analytical methods - EPA SW-846 Method 6010A.

Historical data from: *CSM Environmental Monitoring Program, Second Quarter, 1991 Report, Claypits Site and CSMRI Creekside Facility* (James L. Grant & Associates, Inc., October 21, 1991) and *4th Quarter Groundwater Analytical Results, CSMRI, Golden, CO* (URS Greiner Woodward-Clyde International-Americas, Inc, December 6, 1999).

Table 4-39
CSMRI Ground-Water Samples
Historical Radionuclide Activities

	Isotope	CSMRI-01		CSMRI-02		CSMRI-03		CSMRI-04		CSMRI-05		CSMRI-06		CSMRI-07	
		Activity	TPU	Activity	TPU	Activity	TPU	Activity	TPU	Activity	TPU	Activity	TPU	Activity	TPU
May-87	Radium-226	NA	NA	1.9	±0.8	0.6	±0.4	1.0	±0.6	0.6	±0.5	NA	NA	NA	NA
	Thorium-230	NA	NA	ND	±0.5	ND	±0.4	ND	±0.4	ND	±0.5	NA	NA	NA	NA
	Thorium-232	NA	NA	ND	±0.5	ND	±0.5	ND	±0.5	ND	±0.6	NA	NA	NA	NA
	Uranium, Total	NA	NA	5.7	--	10.4	--	57.3	--	16.8	--	NA	NA	NA	NA
Sep-95	Radium-226	18.5	±5.1	5.8	±2.3	12.8	±3.7	9.7	±2.0	13.2	±5.0	NA	NA	NA	NA
	Radium-228	ND	--	13.8	±5.4	13.4	±5.6	8.8	±4.3	11.8	±6.2	NA	NA	NA	NA
	Thorium-228	ND	±0.1	0.3	±0.4	ND	±0.1	ND	±0.1	0.3	±0.5	NA	NA	NA	NA
	Thorium-230	0.2	±0.4	0.9	±0.7	1.1	±0.8	0.4	±0.5	1.4	±0.9	NA	NA	NA	NA
	Thorium-232	ND	±0.1	ND	±0.1	ND	±0.1	0.3	±0.3	ND	±0.1	NA	NA	NA	NA
	Uranium, Total	1.44	±0.03	0.71	±0.02	10.0	±0.27	33.7	±0.79	4.00	±0.09	NA	NA	NA	NA

Notes: All units in picocuries per liter; TPU, total propagated uncertainty; ND, not detected; NA, not applicable (these wells were not installed or sampled at the time of sampling); --, no data; Analytical methods -

EPA Methods 901.1 & 908.1 & Modified HASL 300.

Historical data from: *CSM Environmental Monitoring Program, Second Quarter, 1991 Report, Claypits Site and CSMRI Creekside Facility*

(James L. Grant & Associates, Inc., October 21, 1991) and *4th Quarter Groundwater Analytical Results, CSMRI, Golden, CO*

(URS Greiner Woodward-Clyde International-Americas, Inc, December 6, 1999).