APPENDIX 3A
WATER RESOURCES TABLES

BIG SPRING FLOW DATA SET
LONG CANYON EIS
ELKO COUNTY, NEVADA, NEWMONT USA LIMITED

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
11/01/2006	1935	2083	2011.4480	2896485	444	452	448.1974	645404	7.1%	1				
11/02/2006	1895	2077	2010.8121	2895569	445	451	448.4554	645776	8.8%	2				
11/03/2006	1899	2097	2013.9239	2900050	445	452	448.4758	645805	9.4%	3				
11/04/2006	1928	2063	2010.4043	2894982	445	452	448.3500	645624	6.5%	4				
11/05/2006	1894	2057	1987.2501	2861640	445	452	448.3936	645687	7.9%	5				
11/06/2006	1854	2048	1975.3178	2844458	444	452	448.3553	645632	9.5%	6				
11/07/2006	1899	2043	1983.2439	2855871	446	452	448.2725	645512	7.0%	7				
11/08/2006	1898	2077	2022.0839	2911801	447	450	448.3767	645662	8.6%	8				
11/09/2006	1944	2101	2046.2450	2946593	447	450	448.1983	645406	7.5%	9				
11/10/2006	1901	2067	1990.4984	2866318	447	450	448.2077	645419	8.0%	10				
11/11/2006	1890	2074	2016.0072	2903050	447	451	448.4256	645733	8.9%	11				
11/12/2006	1915	2063	2006.3737	2889178	446	450	448.2616	645497	7.2%	12				
11/13/2006	1934	2087	2020.1216	2908975	447	451	448.3144	645573	7.3%	13				
11/14/2006	1986	2117	2053.3542	2956830	447	450	448.1471	645332	6.2%	14				
11/15/2006	1857	2027	1963.5584	2827524	438	465	448.3726	645657	8.4%	15				
11/16/2006	1918	2064	2003.1363	2884516	440	453	448.3347	645602	7.1%	16				
11/17/2006	1868	2041	1985.1248	2858580	445	453	448.2830	645528	8.5%	17				
11/18/2006	1860	2037	1967.1914	2832756	446	452	448.3264	645590	8.7%	18				
11/19/2006	1856	2033	1948.3229	2805585	445	451	448.3710	645654	8.7%	19				
11/20/2006	1844	2019	1960.1206	2822574	446	452	448.2791	645522	8.7%	20				
11/21/2006	1866	2039	1965.3632	2830123	445	453	448.5358	645892	8.5%	21				
11/22/2006	1860	2027	1971.9466	2839603	447	450	448.2597	645494	8.2%	22				
11/23/2006	1905	2043	1985.2667	2858784	441	473	448.4942	645832	6.8%	23				
11/24/2006	1860	2003	1948.2809	2805525	447	450	448.1253	645300	7.1%	24				
11/25/2006	1890	2054	1976.5612	2846248	446	451	448.1643	645357	8.0%	25				
11/26/2006	1854	2038	1979.3663	2850288	446	451	448.3137	645572	9.0%	26				
11/27/2006	1935	2068	2001.9318	2882782	446	451	448.2771	645519	6.4%	27				
11/28/2006	1878	2046	1978.2866	2848733	447	451	448.2909	645539	8.2%	28				
11/29/2006	1790	2025	1921.4301	2766859	439	466	448.3256	645589	11.6%	29				
11/30/2006	1794	2003	1920.0873	2764926	430	464	448.3213	645583	10.4%	30				
12/01/2006	1856	1985	1929.2753	2778156	444	452	448.4333	645744	6.5%	1				
12/02/2006	1772	1994	1903.0644	2740413	4	4	4.0000	5760	11.1%	2				
12/03/2006	1774	1936	1884.8979	2714253	445	451	448.3591	645637	8.4%	3				
12/04/2006	1800	1947	1891.0096	2723054	446	452	448.2979	645549	7.6%	4				
12/05/2006	1829	1984	1914.2068	2756458	443	452	448.4301	645739	7.8%	5				
12/06/2006	1797	1966	1896.1998	2730528	446	452	448.2707	645510	8.6%	6				
12/07/2006	1824	1951	1902.5589	2739685	447	451	448.4357	645747	6.5%	7				
12/08/2006	1835	1965	1913.6556	2755664	447	451	448.3389	645608	6.6%	8				
12/09/2006	1843	2021	1954.0282	2813801	428	456	448.1691	645363	8.8%	9				
12/10/2006	1869	2018	1958.8825	2820791	447	451	448.2285	645449	7.4%	10				
12/11/2006	1826	1979	1917.7404	2761546	424	451	448.1099	645278	7.7%	11				
12/12/2006	1845	1961	1912.0552	2753359	435	457	448.2388	645464	5.9%	12				
12/13/2006	1827	1978	1912.4920	2753988	441	455	448.2493	645479	7.6%	13				
12/14/2006	1800	1965	1914.8460	2757378	446	452	448.3331	645600	8.4%	14				
12/15/2006	1854	1987	1938.7637	2791820	446	451	448.4779	645808	6.7%	15				
12/16/2006	1841	1980	1919.1634	2763595	445	451	448.1417	645324	7.0%	16				
12/17/2006	1864	1991	1927.8084	2776044	446	452	448.4645	645789	6.4%	17				
12/18/2006	1793	1943	1872.4076	2696267	445	452	448.3687	645651	7.7%	18				
12/19/2006	1773	1936	1874.5193	2699308	446	451	448.1153	645286	8.4%	19				
12/20/2006	1793	1936	1871.6888	2695232	447	451	448.3089	645565	7.4%	20				
12/21/2006	1806	1935	1867.7606	2689575	447	451	448.3073	645563	6.7%	21				
12/22/2006	1823	1961	1904.1941	2742040	447	451	448.2942	645544	7.0%	22				
12/23/2006	1736	1916	1854.7355	2670819	441	456	448.1711	645366	9.4%	23				
12/24/2006	1770	1911	1863.7702	2683829	446	456	448.6262	646022	7.4%	24				
12/25/2006	1786	1924	1862.5571	2682082	447	449	448.2903	645538	7.2%	25				
12/26/2006	1810	1952	1886.0841	2715961	447	451	448.1583	645348	7.3%	26				
12/27/2006	1849	1987	1932.8502	2783304	446	452	448.3563	645633	6.9%	27				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
12/28/2006	1805	1971	1904.4496	2742407	437	456	448.4625	645786	8.4%	28				
12/29/2006	1734	1948	1855.7325	2672255	428	466	448.3754	645661	11.0%	29				
12/30/2006	1723	1945	1859.4577	2677619	431	454	448.3109	645568	11.4%	30				
12/31/2006	1753	1953	1867.7979	2689629	443	467	448.3428	645614	10.2%	31				
01/01/2007	1765	1904	1841.5116	2651777	445	452	448.3062	645561	7.3%	1				
01/02/2007	1736	1881	1827.0405	2630938	446	452	448.2377	645462	7.7%	2				
01/03/2007	1792	1911	1859.1952	2677241	445	454	448.6562	646065	6.2%	3				
01/04/2007	1805	1954	1892.7482	2725557	447	451	448.2615	645497	7.6%	4				
01/05/2007	1767	1942	1865.2253	2685924	423	452	448.0295	645162	9.0%	5				
01/06/2007	1749	1904	1829.6239	2634658	447	450	448.3866	645677	8.1%	6				
01/07/2007	1737	1855	1814.3536	2612669	446	450	448.1626	645354	6.4%	7				
01/08/2007	1726	1873	1817.4688	2617155	447	451	448.2171	645433	7.8%	8				
01/09/2007	1730	1884	1826.7562	2630529	447	450	448.1967	645403	8.2%	9				
01/10/2007	1752	1939	1872.4535	2696333	445	451	448.2247	645444	9.6%	10				
01/11/2007	1812	1998	1917.6904	2761474	446	452	448.1415	645324	9.3%	11				
01/12/2007	1798	1932	1872.5247	2696436	445	452	448.5117	645857	6.9%	12				
01/13/2007	1737	1909	1847.3456	2660178	444	452	448.4801	645811	9.0%	13				
01/14/2007	1745	1885	1834.4161	2641559	445	452	448.3635	645643	7.4%	14				
01/15/2007	1696	1857	1794.4743	2584043	446	451	448.3838	645673	8.7%	15				
01/16/2007	1712	1846	1789.0960	2576298	445	451	448.1568	645346	7.3%	16				
01/17/2007	1734	1882	1819.5051	2620087	446	450	448.2022	645411	7.9%	17				
01/18/2007	1693	1851	1791.1021	2579187	447	451	448.2072	645418	8.5%	18				
01/19/2007	1696	1825	1778.1231	2560497	441	454	448.3253	645588	7.1%	19				
01/20/2007	1753	1885	1826.8120	2630609	423	454	448.0117	645137	7.0%	20				
01/21/2007	1739	1881	1822.7610	2624776	447	451	448.2639	645500	7.5%	21				
01/22/2007	1696	1849	1790.9297	2578939	447	451	448.2370	645461	8.3%	22				
01/23/2007	1715	1863	1797.2344	2588018	441	451	448.3944	645688	7.9%	23				
01/24/2007	1705	1857	1787.3183	2573738	439	462	448.3830	645671	8.2%	24				
01/25/2007	1707	1864	1797.7501	2588760	444	452	448.5463	645907	8.4%	25				
01/26/2007	1733	1868	1814.4443	2612800	443	452	448.6169	646008	7.2%	26				
01/27/2007	1742	1875	1824.0029	2626564	444	454	448.4562	645777	7.1%	27				
01/28/2007	1721	1851	1791.1394	2579241	445	452	448.4965	645835	7.0%	28				
01/29/2007	1671	1890	1803.6786	2597297	441	453	448.4108	645712	11.6%	29				
01/30/2007	1654	1913	1823.2618	2625497	376	461	448.2483	645478	13.5%	30				
01/31/2007	1700	1902	1824.2361	2626900	437	457	448.2619	645497	10.6%	31				
02/01/2007	1715	1872	1816.1286	2615225	446	450	448.3216	645583	8.4%	1				
02/02/2007	1687	1838	1778.5296	2561083	446	451	448.5132	645859	8.2%	2				
02/03/2007	1649	1835	1772.4617	2552345	447	451	448.3908	645683	10.1%	3				
02/04/2007	1688	1822	1760.4592	2535061	447	450	448.3163	645575	7.4%	4				
02/05/2007	1668	1816	1754.3747	2526300	447	451	448.4945	645832	8.1%	5				
02/06/2007	1694	1827	1781.1781	2564896	447	450	448.2216	645439	7.3%	6				
02/07/2007	1708	1860	1788.7210	2575758	445	451	448.1120	645281	8.2%	7				
02/08/2007	1707	1857	1802.6442	2595808	444	451	448.2990	645551	8.1%	8				
02/09/2007	1683	1838	1783.3952	2568089	445	453	448.4212	645727	8.4%	9				
02/10/2007	1676	1838	1779.1413	2561964	445	452	448.3519	645627	8.8%	10				
02/11/2007	1688	1860	1802.7534	2595965	447	451	448.2544	645486	9.2%	11				
02/12/2007	1695	1835	1777.6684	2559843	444	453	448.4035	645701	7.6%	12				
02/13/2007	1654	1842	1770.8001	2549952	435	450	448.0144	645141	10.2%	13				
02/14/2007	1663	1808	1751.8566	2522674	445	452	448.2258	645445	8.0%	14				
02/15/2007	1671	1800	1732.5881	2494927	445	452	448.2038	645414	7.2%	15				
02/16/2007	1651	1793	1732.1806	2494340	445	452	448.2112	645424	7.9%	16				
02/17/2007	1643	1775	1713.2399	2467065	446	452	448.2211	645438	7.4%	17				
02/18/2007	1680	1812	1754.5601	2526567	443	452	448.4897	645825	7.3%	18				
02/19/2007	1732	1853	1797.2812	2588085	445	451	448.3060	645561	6.5%	19				
02/20/2007	1676	1823	1761.0440	2535903	445	452	448.4916	645828	8.1%	20				
02/21/2007	1676	1831	1764.7180	2541194	445	452	448.2723	645512	8.5%	21				
02/22/2007	1684	1846	1773.1978	2553405	444	452	448.4160	645719	8.8%	22				
02/23/2007	1699	1857	1789.8969	2577452	445	451	448.2755	645517	8.5%	23				
02/24/2007	1682	1752	1727.6255	2487781	449	449	449.0000	646560	4.0%	24				
02/25/2007	1658	1812	1752.9910	2524307	445	452	448.1573	645347	8.5%	25				
02/26/2007	1647	1802	1743.8227	2511105	444	452	448.4705	645797	8.6%	26				

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02/27/2007	1673	1827	1773.1498	2553336	445	452	448.1854	645387	8.4%	27				
02/28/2007	1674	1804	1751.3543	2521950	447	450	448.3269	645591	7.2%	28				
03/01/2007	1605	1772	1711.0382	2463895	446	451	448.1680	645362	9.4%	1				
03/02/2007	1612	1767	1707.5701	2458901	446	450	448.1851	645387	8.8%	2				
03/03/2007	1581	1723	1662.0217	2393311	447	451	448.3791	645666	8.2%	3				
03/04/2007	1558	1723	1673.1145	2409285	439	450	447.9905	645106	9.6%	4				
03/05/2007	1616	1748	1691.4769	2435727	446	451	448.1144	645285	7.6%	5				
03/06/2007	1624	1763	1702.8520	2452107	446	451	448.2196	645436	7.9%	6				
03/07/2007	1617	1762	1705.8047	2456359	445	452	448.5865	645965	8.2%	7				
03/08/2007	1654	1776	1725.6673	2484961	445	452	448.4563	645777	6.9%	8				
03/09/2007	1645	1767	1717.2449	2472833	445	451	448.3619	645641	6.9%	9				
03/10/2007	1635	1770	1705.1926	2455477	446	452	448.3599	645638	7.6%	10				
03/11/2007	1602	1729	1671.6269	2407143	446	452	448.4525	645772	7.3%	11				
03/12/2007	1571	1728	1665.0401	2397658	444	452	448.2944	645544	9.1%	12				
03/13/2007	1624	1764	1700.8750	2449260	444	452	448.3600	645638	7.9%	13				
03/14/2007	1591	1746	1694.5029	2440084	447	451	448.3486	645622	8.9%	14				
03/15/2007	1613	1723	1681.0868	2420765	447	450	448.2132	645427	6.4%	15				
03/16/2007	1580	1719	1664.5362	2396932	447	451	448.2713	645511	8.1%	16				
03/17/2007	1583	1727	1676.4214	2414047	447	450	448.2420	645468	8.3%	17				
03/18/2007	1601	1763	1705.4901	2455906	447	451	448.4546	645775	9.2%	18				
03/19/2007	1608	1766	1704.0296	2453803	447	451	448.1883	645391	8.9%	19				
03/20/2007	1625	1785	1711.3996	2464415	447	451	448.2111	645424	9.0%	20				
03/21/2007	1631	1773	1707.6167	2458968	445	452	448.5174	645865	8.0%	21				
03/22/2007	1603	1745	1673.6247	2410020	445	452	448.3895	645681	8.1%	22				
03/23/2007	1583	1731	1678.2278	2416648	428	456	448.2433	645470	8.5%	23				
03/24/2007	1578	1721	1667.9132	2401795	444	453	448.2696	645508	8.3%	24				
03/25/2007	1572	1736	1663.2816	2395126	445	452	448.6155	646006	9.4%	25				
03/26/2007	1562	1713	1665.7656	2398702	445	452	448.2238	645442	8.8%	26				
03/27/2007	1628	1783	1709.6159	2461847	445	451	448.5611	645928	8.7%	27				
03/28/2007					448	448	448.0000	645120		28				
03/29/2007	1526	1824	1638.6636	2359676	4	462	351.4869	506141	16.3%	29				
03/30/2007	1536	1744	1652.2292	2379210	437	464	448.3263	645590	11.9%	30				
03/31/2007	1549	1750	1663.2409	2395067	437	460	448.3789	645666	11.5%	31				
04/02/2007	1585	1737	1681.8643	2421885	445	452	448.4567	645778	8.8%	2				
04/18/2007	1580	1744	1670.6759	2405773	445	452	448.0656	645214	9.4%	18				
04/19/2007	1536	1688	1626.5721	2342264	444	452	448.1784	645377	9.0%	19				
04/20/2007	1556	1706	1644.5988	2368222	445	452	448.2602	645495	8.8%	20				
04/21/2007	1541	1676	1629.1971	2346044	445	452	448.4807	645812	8.1%	21				
04/22/2007	1543	1685	1631.7069	2349658	445	451	448.1714	645367	8.4%	22				
04/23/2007	1545	1688	1618.6959	2330922	445	452	448.1755	645373	8.5%	23				
04/24/2007	1487	1645	1587.4283	2285897	441	462	448.3854	645675	9.6%	24				
04/25/2007	1474	1646	1589.0290	2288202	446	450	448.1847	645386	10.4%	25				
04/26/2007	1523	1687	1609.1743	2317211	447	451	448.1381	645319	9.7%	26				
04/27/2007	1512	1643	1588.4777	2287408	447	451	448.4616	645785	8.0%	27				
04/28/2007	1526	1650	1593.2712	2294311	447	451	448.1335	645312	7.5%	28				
04/29/2007	1493	1699	1614.6050	2325031	442	457	448.2693	645508	12.1%	29				
04/30/2007	1501	1702	1615.7253	2326645	438	461	448.2118	645425	11.8%	30				
05/01/2007	1539	1676	1627.9830	2344295	447	451	448.1220	645296	8.2%	1				
05/02/2007	1550	1696	1642.5107	2365215	446	451	448.3676	645649	8.6%	2				
05/03/2007	1540	1698	1598.1594	2301349	446	451	447.4657	644351	9.3%	3				
05/04/2007	1528	1671	1612.1376	2321478	447	451	448.4254	645733	8.6%	4				
05/05/2007	1516	1660	1602.6153	2307766	446	451	448.3206	645582	8.7%	5				
05/06/2007	1509	1643	1588.7925	2287861	447	451	448.4412	645755	8.2%	6				
05/07/2007	1495	1646	1575.0079	2268011	447	451	448.3583	645636	9.2%	7				
05/08/2007	1504	1657	1582.3101	2278527	447	450	448.1962	645402	9.2%	8				
05/09/2007	1507	1654	1596.7150	2299270	445	451	448.1883	645391	8.9%	9				
05/10/2007	1520	1646	1594.5397	2296137	445	452	448.2652	645502	7.7%	10				
05/11/2007	1514	1657	1593.1764	2294174	445	451	448.2503	645480	8.6%	11				
05/12/2007	1519	1669	1596.0215	2298271	445	451	448.2069	645418	9.0%	12				
05/13/2007	1517	1665	1599.7928	2303702	445	451	448.2842	645529	8.9%	13				
05/14/2007	1500	1641	1577.3524	2271387	445	452	448.3009	645553	8.6%	14				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
05/15/2007	1482	1624	1568.4978	2258637	444	451	448.3532	645629	8.7%	15				
05/16/2007	1489	1657	1585.8566	2283633	447	451	448.2022	645411	10.1%	16				
05/17/2007	1528	1668	1606.3781	2313184	447	450	448.3784	645665	8.4%	17				
05/18/2007	1509	1679	1609.7466	2318035	446	456	447.9461	645042	10.1%	18				
05/19/2007	1515	1674	1610.4108	2318992	441	459	448.2456	645474	9.5%	19				
05/20/2007	1522	1679	1602.0208	2306910	447	450	448.2959	645546	9.4%	20				
05/21/2007	1525	1669	1623.7948	2338264	447	450	448.3212	645582	8.6%	21				
05/22/2007	1493	1637	1577.5605	2271687	446	451	448.2723	645512	8.8%	22				
05/23/2007	1484	1625	1560.8108	2247568	444	452	448.5760	645949	8.7%	23				
05/24/2007	1474	1618	1567.6071	2257354	444	452	448.4371	645749	8.9%	24				
05/25/2007	1498	1652	1577.2116	2271185	445	451	448.2279	645448	9.3%	25				
05/26/2007	1513	1651	1593.9375	2295270	444	452	448.3964	645691	8.4%	26				
05/27/2007	1515	1638	1591.8079	2292203	445	451	448.1438	645327	7.5%	27				
05/28/2007	1513	1655	1600.4695	2304676	445	452	448.1803	645380	8.6%	28				
05/29/2007	1425	1649	1571.6065	2263113	153	486	448.1110	645280	13.6%	29				
05/30/2007	1466	1655	1573.9566	2266497	432	461	448.2568	645490	11.4%	30				
05/31/2007	1471	1663	1584.6991	2281967	434	462	448.2839	645529	11.5%	31				
06/01/2007	1506	1649	1589.7510	2289241	445	455	448.1938	645399	8.7%	1				
06/02/2007	1514	1646	1583.4069	2280106	446	450	448.2122	645426	8.0%	2				
06/03/2007	1511	1638	1579.9401	2275114	447	450	448.3828	645671	7.8%	3				
06/04/2007	1486	1632	1581.7380	2277703	447	450	448.2922	645541	8.9%	4				
06/05/2007	1506	1653	1600.3790	2304546	447	451	448.3603	645639	8.9%	5				
06/06/2007	1547	1684	1625.4413	2340635	445	452	448.3715	645655	8.1%	6				
06/07/2007	1501	1638	1583.3666	2280048	444	452	448.3931	645686	8.4%	7				
06/08/2007	1500	1619	1567.4713	2257159	445	452	448.4169	645720	7.4%	8				
06/09/2007	1454	1618	1565.3282	2254073	444	452	448.3408	645611	10.1%	9				
06/10/2007	1490	1636	1568.5987	2258782	445	452	448.4398	645753	8.9%	10				
06/11/2007	1492	1617	1563.1003	2250864	446	452	448.5996	645983	7.7%	11				
06/12/2007	1470	1605	1556.8984	2241934	445	452	448.5747	645948	8.4%	12				
06/13/2007	1466	1599	1547.3555	2228192	447	451	448.3168	645576	8.3%	13				
06/14/2007	1479	1616	1562.0171	2249305	447	450	448.1964	645403	8.5%	14				
06/15/2007	1493	1628	1573.1148	2265285	447	451	448.1228	645297	8.3%	15				
06/16/2007	1484	1627	1579.0776	2273872	447	450	448.2625	645498	8.8%	16				
06/17/2007	1471	1637	1575.9421	2269357	446	453	448.4468	645763	10.1%	17				
06/18/2007	1482	1624	1558.2779	2243920	446	451	448.4828	645815	8.7%	18				
06/19/2007	1473	1608	1549.0200	2230589	445	451	448.2420	645468	8.4%	19				
06/20/2007	1480	1610	1556.9848	2242058	444	452	448.5018	645843	8.1%	20				
06/21/2007	1464	1605	1541.5547	2219839	445	452	448.4745	645803	8.8%	21				
06/22/2007	1453	1601	1548.3495	2229623	444	452	448.3274	645591	9.2%	22				
06/23/2007	1498	1628	1570.8520	2262027	546	551	548.0830	789239	8.0%	23				
06/24/2007	1507	1623	1575.2748	2268396	445	452	448.1821	645382	7.1%	24				
06/25/2007	1443	1652	1559.2684	2245347	445	451	448.4482	645765	12.7%	25				
06/26/2007	1432	1568	1519.1341	2187553	445	451	448.4762	645806	8.7%	26				
06/27/2007	1451	1608	1537.0810	2213397	447	450	448.1376	645318	9.8%	27				
06/28/2007	1461	1596	1543.8257	2223109	447	451	448.3633	645643	8.5%	28				
06/29/2007	1417	1610	1534.8652	2210206	446	451	448.2310	645453	12.0%	29				
06/30/2007	1395	1602	1527.3432	2199374	435	458	448.2608	645496	12.9%	30				
07/01/2007	1453	1589	1534.5424	2209741	447	451	448.2971	645548	8.6%	1				
07/02/2007	1451	1579	1529.4201	2202365	446	450	448.0709	645222	8.1%	2				
07/03/2007	1432	1564	1512.1285	2177465	447	451	448.3791	645666	8.4%	3				
07/04/2007	1426	1558	1510.7962	2175547	444	452	448.1783	645377	8.5%	4				
07/05/2007	1447	1564	1515.1812	2181861	445	451	448.1743	645371	7.5%	5				
07/06/2007	1441	1575	1515.0350	2181650	444	452	448.4951	645833	8.5%	6				
07/07/2007	1422	1568	1510.0494	2174471	444	451	448.4082	645708	9.3%	7				
07/08/2007	1416	1558	1507.4082	2170668	445	451	448.2785	645521	9.1%	8				
07/09/2007	1410	1570	1511.9701	2177237	444	451	448.1687	645363	10.2%	9				
07/10/2007	1421	1547	1504.6684	2166722	445	452	448.2389	645464	8.1%	10				
07/11/2007	1417	1548	1492.9989	2149918	447	451	448.3677	645650	8.5%	11				
07/12/2007	1421	1534	1490.6936	2146599	447	450	448.4296	645739	7.4%	12				
07/13/2007	1422	1544	1499.6807	2159540	448	450	448.0758	645229	7.9%	13				
07/14/2007	1422	1564	1499.6007	2159425	447	450	448.2366	645461	9.1%	14				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
07/15/2007	1417	1560	1501.8169	2162616	447	450	448.3630	645643	9.2%	15				
07/16/2007	1436	1567	1506.7896	2169777	447	450	448.1222	645296	8.4%	16				
07/17/2007	1436	1557	1509.5156	2173702	446	450	447.9559	645057	7.8%	17				
07/18/2007	1438	1561	1507.1957	2170362	445	452	448.4255	645733	7.9%	18				
07/19/2007	1425	1570	1511.8452	2177057	445	451	448.2255	645445	9.2%	19				
07/20/2007	1425	1557	1502.9178	2164202	445	452	448.1640	645356	8.5%	20				
07/21/2007	1405	1542	1496.3667	2154768	445	451	448.2697	645508	8.9%	21				
07/22/2007	1399	1541	1484.0460	2137026	444	452	448.5307	645884	9.2%	22				
07/23/2007	1402	1543	1487.2634	2141659	446	452	448.4495	645767	9.1%	23				
07/24/2007	1412	1541	1496.1656	2154478	443	451	448.2823	645526	8.4%	24				
07/25/2007	1418	1539	1495.2654	2153182	447	451	448.3804	645668	7.9%	25				
07/26/2007	1398	1530	1483.3449	2136017	447	450	448.1681	645362	8.6%	26				
07/27/2007	1402	1529	1481.2836	2133048	447	451	448.2530	645484	8.3%	27				
07/28/2007	1413	1542	1482.0918	2134212	447	451	448.2913	645540	8.4%	28				
07/29/2007	1380	1566	1491.5316	2147805	441	458	448.2991	645551	11.9%	29				
07/30/2007	1376	1565	1495.1443	2153008	445	452	448.2257	645445	12.1%	30				
07/31/2007	1369	1554	1486.0463	2139907	365	464	448.2839	645529	11.9%	31				
08/01/2007	1414	1550	1494.8422	2152573	445	452	448.4760	645805	8.8%	1				
08/02/2007	1399	1534	1489.9485	2145526	445	452	448.4102	645711	8.8%	2				
08/03/2007	1400	1526	1476.7642	2126540	446	451	448.2733	645514	8.3%	3				
08/04/2007	1402	1534	1485.4779	2139088	446	452	448.4237	645730	8.6%	4				
08/05/2007	1413	1543	1495.6525	2153740	445	452	448.3929	645686	8.4%	5				
08/06/2007	1421	1557	1493.5419	2150700	445	452	448.2395	645465	8.7%	6				
08/07/2007	1394	1555	1492.7682	2149586	444	451	448.4809	645813	10.4%	7				
08/08/2007	1409	1534	1475.7105	2125023	446	451	448.3019	645555	8.1%	8				
08/09/2007	1391	1535	1483.8906	2136802	447	450	448.3741	645659	9.4%	9				
08/10/2007	1424	1533	1482.5736	2134906	447	450	448.2865	645533	7.1%	10				
08/11/2007	1348	1512	1463.3415	2107212	447	450	448.1777	645376	10.8%	11				
08/12/2007	1364	1514	1461.7833	2104968	447	450	448.3250	645588	9.9%	12				
08/13/2007	1364	1508	1455.7354	2096259	446	450	448.2223	645440	9.5%	13				
08/14/2007	1378	1508	1459.0453	2101025	447	452	448.3948	645689	8.6%	14				
08/15/2007	1378	1520	1464.0099	2108174	444	452	448.2581	645492	9.3%	15				
08/16/2007	1403	1530	1461.7649	2104941	445	451	448.1769	645375	8.3%	16				
08/17/2007	1395	1512	1464.3366	2108645	445	452	448.5552	645919	7.7%	17				
08/18/2007	1372	1514	1464.5125	2108898	446	451	448.4373	645750	9.4%	18				
08/19/2007	1388	1523	1469.8019	2116515	445	452	448.3726	645657	8.9%	19				
08/20/2007	1369	1512	1450.3776	2088544	445	451	448.2658	645503	9.5%	20				
08/21/2007	1342	1504	1457.8449	2099297	445	458	448.4074	645707	10.8%	21				
08/22/2007	1381	1526	1457.9248	2099412	447	451	448.2666	645504	9.5%	22				
08/23/2007	1376	1513	1462.6962	2106283	446	451	448.1707	645366	9.1%	23				
08/24/2007	1378	1506	1459.4730	2101641	446	451	448.0989	645262	8.5%	24				
08/25/2007	1359	1511	1448.7279	2086168	447	450	448.3165	645576	10.1%	25				
08/26/2007	1366	1506	1456.3024	2097075	446	451	448.2906	645538	9.3%	26				
08/27/2007	1345	1500	1446.5512	2083034	446	450	448.2693	645508	10.3%	27				
08/28/2007	1351	1479	1440.4020	2074179	446	450	448.2432	645470	8.7%	28				
08/29/2007	1317	1504	1427.0705	2054981	435	458	448.3532	645629	12.4%	29				
08/30/2007	1284	1493	1426.4044	2054022	443	453	448.3409	645611	14.0%	30				
08/31/2007	1317	1496	1429.2749	2058156	444	453	448.3295	645594	12.0%	31				
09/01/2007	1347	1481	1426.9422	2054797	445	451	448.1870	645389	9.0%	1				
09/02/2007	1356	1490	1433.7896	2064657	445	452	448.4308	645740	9.0%	2				
09/03/2007	1343	1473	1429.3913	2058323	445	451	448.5394	645897	8.8%	3				
09/04/2007	1383	1496	1454.4584	2094420	444	451	448.1911	645395	7.6%	4				
09/05/2007	1389	1511	1452.5733	2091706	446	451	448.1950	645401	8.1%	5				
09/06/2007	1356	1484	1435.6146	2067285	447	451	448.4544	645774	8.6%	6				
09/07/2007	1347	1482	1423.5425	2049901	445	464	448.3387	645608	9.1%	7				
09/15/2007	1328	1470	1418.4321	2042542	446	451	448.4554	645776	9.7%	15				
09/16/2007	1306	1469	1414.1234	2036338	445	451	448.4519	645771	11.1%	16				
09/17/2007	1327	1482	1429.9383	2059111	444	453	448.3787	645665	10.5%	17				
09/18/2007	1347	1456	1410.4439	2031039	446	452	448.3407	645611	7.5%	18				
09/19/2007	1345	1471	1425.9685	2053395	447	450	448.1227	645297	8.6%	19				
09/20/2007	1301	1468	1424.0743	2050667	447	450	448.3503	645624	11.4%	20				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
09/21/2007	1343	1460	1407.4245	2026691	446	450	448.1897	645393	8.0%	21				
09/22/2007	1344	1464	1411.4706	2032518	447	450	448.1931	645398	8.2%	22				
09/23/2007	1361	1476	1432.8132	2063251	447	450	448.4813	645813	7.8%	23				
09/24/2007	1323	1438	1389.4504	2000809	441	452	448.1618	645353	8.0%	24				
09/25/2007	1270	1413	1367.4838	1969177	446	451	448.3588	645637	10.1%	25				
09/26/2007	1276	1410	1363.6265	1963622	445	452	448.3419	645612	9.5%	26				
09/27/2007	1301	1412	1361.5269	1960599	446	451	448.4026	645700	7.9%	27				
09/28/2007	1330	1454	1403.8321	2021518	446	452	448.5996	645983	8.5%	28				
09/29/2007	1267	1476	1390.4946	2002312	441	458	448.3400	645610	14.2%	29				
09/30/2007	1212	1449	1370.4989	1973518	443	455	448.3621	645641	16.4%	30				
10/01/2007	1323	1433	1386.7407	1996907	445	452	448.4777	645808	7.7%	1				
10/02/2007	1280	1410	1357.7363	1955140	445	451	448.3625	645642	9.2%	2				
10/03/2007	1325	1441	1395.8062	2009961	446	451	448.4137	645716	8.0%	3				
10/04/2007	1332	1463	1411.8758	2033101	447	450	448.1781	645377	9.0%	4				
10/05/2007	1317	1467	1423.0950	2049257	446	450	448.2596	645494	10.2%	5				
10/06/2007	1336	1438	1395.8393	2010009	447	451	448.4403	645754	7.1%	6				
10/07/2007	1260	1407	1343.7962	1935067	447	450	448.3588	645637	10.4%	7				
10/08/2007	1272	1394	1344.1477	1935573	447	450	448.2247	645444	8.8%	8				
10/09/2007	1286	1395	1351.0105	1945455	445	453	448.1443	645328	7.8%	9				
10/10/2007	1289	1419	1375.5633	1980811	446	452	448.5042	645846	9.2%	10				
10/11/2007	1281	1397	1350.4268	1944615	445	452	448.2525	645484	8.3%	11				
10/12/2007	1366	1405	1369.6954	1972361	449	451	449.0618	646649	2.8%	12				
10/13/2007	1311	1426	1381.1902	1988914	445	452	448.3492	645623	8.1%	13				
10/14/2007	1278	1400	1354.0741	1949867	445	451	448.2529	645484	8.7%	14				
10/15/2007	1261	1405	1356.7818	1953766	446	451	448.3865	645677	10.2%	15				
10/16/2007	1306	1443	1394.9841	2008777	446	452	448.4994	645839	9.5%	16				
10/17/2007	1306	1440	1395.7759	2009917	447	450	448.0881	645247	9.3%	17				
10/18/2007	1284	1406	1355.8871	1952477	446	461	448.3344	645601	8.7%	18				
10/19/2007	1292	1408	1366.2492	1967399	447	451	448.1433	645326	8.2%	19				
10/20/2007	1318	1441	1394.5454	2008145	445	459	448.3662	645647	8.5%	20				
10/21/2007	1221	1378	1324.7080	1907580	447	450	448.2781	645520	11.4%	21				
10/22/2007	1194	1326	1290.9078	1858907	447	451	448.3876	645678	10.0%	22				
10/23/2007	1224	1334	1294.0660	1863455	447	451	448.1494	645335	8.2%	23				
10/24/2007	1235	1360	1307.7471	1883156	444	451	448.2707	645510	9.2%	24				
10/25/2007	1287	1391	1342.9463	1933843	444	452	448.4309	645741	7.5%	25				
10/26/2007	1270	1413	1358.6546	1956463	445	451	448.5593	645925	10.1%	26				
10/27/2007	1257	1367	1329.1094	1913917	440	451	448.1015	645266	8.0%	27				
10/28/2007	1250	1378	1321.7906	1903378	445	452	448.4922	645829	9.3%	28				
10/29/2007	1227	1433	1349.8986	1943854	443	452	448.3507	645625	14.4%	29				
10/30/2007	1251	1448	1357.0879	1954207	329	461	448.2598	645494	13.6%	30				
10/31/2007	1219	1408	1331.4723	1917320	444	452	448.2602	645495	13.4%	31				
11/01/2007	1268	1386	1337.2415	1925628	446	451	448.3404	645610	8.5%	1				
11/02/2007	1258	1387	1334.3467	1921459	447	449	448.1658	645359	9.3%	2				
11/03/2007	1254	1360	1320.5581	1901604	447	450	448.0335	645168	7.8%	3				
11/04/2007	1226	1367	1317.2026	1896772	447	450	448.2224	645440	10.3%	4				
11/05/2007	1239	1373	1328.8099	1913486	447	451	448.2179	645434	9.8%	5				
11/06/2007	1240	1378	1332.2012	1918370	447	451	448.1892	645392	10.0%	6				
11/07/2007	1225	1359	1320.4080	1901387	445	451	448.3169	645576	9.9%	7				
11/08/2007	1216	1377	1323.6528	1906060	446	452	448.4681	645794	11.7%	8				
11/09/2007	1260	1383	1333.6468	1920451	446	451	448.3761	645662	8.9%	9				
11/10/2007	1274	1402	1344.6785	1936337	445	452	448.3608	645640	9.1%	10				
11/11/2007	1312	1410	1363.4869	1963421	445	452	448.4984	645838	7.0%	11				
11/12/2007	1219	1345	1292.0639	1860572	445	452	448.2686	645507	9.4%	12				
11/13/2007	1249	1366	1313.6668	1891680	444	452	448.4775	645808	8.6%	13				
11/14/2007	1233	1343	1295.9975	1866236	447	451	448.3382	645607	8.2%	14				
11/15/2007	1253	1358	1311.2827	1888247	447	450	448.3128	645570	7.7%	15				
11/16/2007	1263	1385	1332.5107	1918815	447	450	448.2463	645475	8.8%	16				
11/17/2007	1276	1391	1336.9245	1925171	444	454	448.1371	645317	8.3%	17				
11/18/2007	1235	1370	1328.6758	1913293	445	458	448.2689	645507	9.9%	18				
11/19/2007	1260	1379	1342.9618	1933865	447	450	448.3746	645659	8.6%	19				
11/20/2007	1246	1363	1321.2131	1902547	447	451	448.4577	645779	8.6%	20				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
11/21/2007	1227	1335	1284.1190	1849131	444	452	448.3004	645553	8.1%	21				
11/22/2007	1191	1336	1294.9683	1864754	444	451	448.1831	645384	10.9%	22				
11/23/2007	1214	1353	1304.6787	1878737	445	453	448.5643	645933	10.3%	23				
11/24/2007	1224	1336	1285.6406	1851323	445	452	448.4990	645839	8.4%	24				
11/25/2007	1238	1347	1300.2201	1872317	445	452	448.5458	645906	8.1%	25				
11/26/2007	1231	1345	1299.1125	1870722	445	451	448.3880	645679	8.5%	26				
11/27/2007	1246	1348	1313.2740	1891115	445	451	448.1869	645389	7.6%	27				
11/28/2007	1221	1331	1285.7728	1851513	447	450	448.1925	645397	8.3%	28				
11/29/2007	1229	1393	1327.6210	1911774	441	452	448.2372	645462	11.8%	29				
11/30/2007	1224	1437	1358.5688	1956339	441	452	448.2273	645447	14.8%	30				
12/01/2007	1294	1419	1376.0021	1981443	447	450	448.2648	645501	8.8%	1				
12/02/2007	1216	1347	1304.5384	1878535	447	451	448.2602	645495	9.7%	2				
12/03/2007	1186	1309	1261.4846	1816538	447	450	448.1909	645395	9.4%	3				
12/04/2007	1184	1318	1269.0612	1827448	447	450	448.1052	645272	10.2%	4				
12/05/2007	1207	1329	1284.6987	1849966	445	452	448.6274	646023	9.2%	5				
12/06/2007	1264	1375	1325.2880	1908415	445	452	448.3453	645617	8.1%	6				
12/07/2007	1221	1400	1341.9735	1932442	445	451	448.4441	645760	12.8%	7				
12/08/2007	1233	1353	1314.6169	1893048	443	454	448.5401	645898	8.9%	8				
12/09/2007	1248.002142	1263.079593	1248.0021	1797123	448.9200675	449.5714285	448.9201	646445	1.2%	9				
12/10/2007	1202	1312	1274.6400	1835482	446	452	448.2499	645480	8.4%	10				
12/11/2007	1218	1317	1281.1839	1844905	447	450	448.1006	645265	7.5%	11				
12/12/2007	1179	1291	1246.6986	1795246	447	463	448.2505	645481	8.7%	12				
12/13/2007	1189	1299	1259.2784	1813361	446	451	448.2895	645537	8.5%	13				
12/14/2007	1221	1314	1272.9738	1833082	447	450	448.4856	645819	7.1%	14				
12/15/2007	1194	1312	1262.7264	1818326	447	452	448.3591	645637	9.0%	15				
12/16/2007	1213	1325	1280.5671	1844017	447	450	448.2410	645467	8.5%	16				
12/17/2007	1234	1365	1315.5217	1894351	446	451	448.3167	645576	9.6%	17				
12/18/2007	1239	1356	1298.2097	1869422	447	451	448.2670	645505	8.6%	18				
12/19/2007	1239	1347	1298.2891	1869536	447	450	448.1518	645339	8.0%	19				
12/20/2007	1222	1335	1296.5571	1867042	445	451	448.3751	645660	8.5%	20				
12/21/2007	1187	1305	1265.8558	1822832	436	452	448.1786	645377	9.0%	21				
12/22/2007	1128	1265	1219.2382	1755703	447	451	448.1331	645312	10.8%	22				
12/23/2007	1179	1271	1235.2887	1778816	447	451	448.2238	645442	7.2%	23				
12/24/2007	1172	1287	1242.3043	1788918	447	451	448.2490	645479	8.9%	24				
12/25/2007	1172	1283	1241.0088	1787053	447	450	448.2625	645498	8.7%	25				
12/26/2007	1262	1314	1297.1991	1867967	448	448	448.0000	645120	4.0%	26				
12/27/2007	1216	1331	1289.8661	1857407	446	450	448.1656	645358	8.6%	27				
12/28/2007					450	450	450.0000	648000		28				
12/29/2007	1190	1350	1290.1957	1857882	446	462	448.3687	645651	11.9%	29				
12/30/2007	1143	1327	1266.9729	1824441	435	458	448.5150	645862	13.9%	30				
12/31/2007	1104	1281	1221.7656	1759342	443	456	448.2643	645501	13.8%	31	1530.02592			
01/01/2008	1117	1252	1205.0704	1735301	447	451	448.3206	645582	10.8%	1				
01/02/2008	1150	1282	1236.7424	1780909	446	452	448.0573	645202	10.3%	2				
01/03/2008	1198	1312	1268.5583	1826724	447	451	448.3898	645681	8.7%	3				
01/04/2008	1211	1336	1290.5713	1858423	447	451	448.4803	645812	9.4%	4				
01/05/2008	1257	1369	1319.7198	1900396	447	452	448.3222	645584	8.2%	5				
01/06/2008	1201	1350	1301.6759	1874413	447	450	448.2662	645503	11.0%	6				
01/07/2008	1194	1321	1266.0032	1823045	447	451	448.1398	645321	9.6%	7				
01/08/2008	1170	1284	1229.5062	1770489	448	450	448.2094	645421	8.9%	8				
01/09/2008	1183	1313	1261.9056	1817144	447	452	448.1049	645271	9.9%	9				
01/10/2008	1157	1293	1236.2539	1780206	447	450	448.2052	645416	10.5%	10				
01/11/2008	1186	1299	1250.6085	1800876	447	451	448.1455	645330	8.7%	11				
01/12/2008	1150	1273	1231.1700	1772885	447	451	448.1223	645296	9.7%	12				
01/13/2008	1157	1283	1232.3193	1774540	447	451	448.2385	645463	9.8%	13				
01/14/2008	1132	1250	1205.6652	1736158	446	450	448.3932	645686	9.4%	14				
01/15/2008	1159	1304	1255.8911	1808483	447	452	448.4123	645714	11.1%	15				
01/16/2008	1185	1291	1247.1053	1795832	445	452	448.3216	645583	8.2%	16				
01/17/2008	1161	1283	1237.8935	1782567	445	451	448.1559	645345	9.5%	17				
01/18/2008	1145	1295	1232.6376	1774998	445	451	448.1073	645275	11.6%	18				
01/19/2008	1132	1243	1203.0600	1732406	440	452	448.5235	645874	8.9%	19				
01/20/2008	1195	1332	1267.5538	1825277	444	452	448.5874	645966	10.3%	20				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
01/21/2008	1209	1332	1282.9044	1847382	444	452	448.1899	645393	9.2%	21				
01/22/2008	1145	1244	1210.0971	1742540	444	451	448.3176	645577	8.0%	22				
01/23/2008	1127	1259	1212.8757	1746541	447	450	448.2148	645429	10.5%	23				
01/24/2008	1180	1300	1254.2831	1806168	447	450	448.1514	645338	9.2%	24				
01/25/2008	1162	1282	1245.7536	1793885	446	451	448.1284	645305	9.4%	25				
01/26/2008	1153	1257	1212.6917	1746276	447	450	448.3963	645691	8.3%	26				
01/27/2008	1157	1295	1240.2993	1786031	445	451	448.3319	645598	10.7%	27				
01/28/2008	1220	1374	1324.1255	1906741	446	450	448.2192	645436	11.2%	28				
01/29/2008	1103	1327	1253.8908	1805603	234	457	448.2584	645492	16.9%	29				
01/30/2008	1098	1306	1231.9257	1773973	437	452	448.3736	645658	15.9%	30				
01/31/2008	1115	1314	1240.4480	1786245	435	453	448.3990	645695	15.1%	31				
02/01/2008	1167	1290	1250.3199	1800461	446	452	448.5156	645863	9.5%	1				
02/02/2008	1161	1262	1226.6879	1766431	445	452	448.1851	645387	8.0%	2				
02/03/2008	1238	1326	1288.0275	1854760	447	451	450.0745	648107	6.6%	3				
02/04/2008	1153	1284	1236.8751	1781100	444	452	448.3527	645628	10.2%	4				
02/05/2008	1100	1229	1180.3229	1699665	444	452	448.2798	645523	10.5%	5				
02/06/2008	1112	1244	1204.2557	1734128	447	451	448.2112	645424	10.6%	6				
02/07/2008	1127	1250	1201.0069	1729450	443	456	448.0996	645263	9.8%	7				
02/08/2008	1104	1254	1197.0052	1723687	447	450	448.1344	645314	12.0%	8				
02/09/2008	1126	1246	1193.0635	1718011	447	451	448.2167	645432	9.6%	9				
02/10/2008	1100	1251	1195.0511	1720874	447	450	448.4095	645710	12.1%	10				
02/11/2008	1119	1254	1208.8959	1740810	447	451	448.3012	645554	10.8%	11				
02/12/2008	1138	1246	1203.5729	1733145	445	451	448.2294	645450	8.7%	12				
02/13/2008	1187	1315	1246.1994	1794527	444	452	448.3211	645582	9.7%	13				
02/14/2008	1190	1307	1259.6047	1813831	445	453	448.2415	645468	9.0%	14				
02/15/2008	1127	1237	1193.8134	1719091	444	452	448.2099	645422	8.9%	15				
02/16/2008	1125	1242	1188.6883	1711711	445	452	448.1443	645328	9.4%	16				
02/17/2008	1120	1240	1192.2134	1716787	445	452	448.6206	646014	9.7%	17				
02/18/2008	1113	1227	1184.0672	1705057	446	452	448.1817	645382	9.3%	18				
02/19/2008	1128	1234	1189.7105	1713183	445	452	448.3587	645636	8.6%	19				
02/20/2008	1139	1269	1208.4567	1740178	447	451	448.0307	645164	10.2%	20				
02/21/2008	1147	1264	1220.1669	1757040	447	451	448.1971	645404	9.3%	21				
02/22/2008	1244	1366	1320.8631	1902043	447	450	448.2048	645415	8.9%	22				
02/23/2008	1260	1358	1311.6195	1888732	447	451	448.3233	645586	7.2%	23				
02/24/2008	1245	1362	1318.9966	1899355	445	450	448.0615	645209	8.6%	24				
02/25/2008	1209	1339	1290.6512	1858538	447	450	448.2932	645542	9.7%	25				
02/26/2008	1189	1315	1251.0964	1801579	447	450	448.3590	645637	9.6%	26				
02/27/2008					443	460	448.5302	645883		27				
02/28/2008					444	452	448.2131	645427		28				
02/29/2008					441	453	448.3675	645649		29				
03/01/2008					444	452	448.4250	645732		1				
03/02/2008					437	452	448.2532	645485		2				
03/03/2008					445	451	448.2108	645424		3				
03/04/2008					445	452	448.4254	645733		4				
03/05/2008	1214	1331	1280.8478	1844421	446	451	448.3502	645624	8.8%	5				
03/06/2008	1202	1308	1266.2163	1823352	447	451	448.2684	645507	8.1%	6				
03/07/2008	1189	1298	1257.8521	1811307	447	450	448.3093	645565	8.4%	7				
03/08/2008	1230	1351	1302.2439	1875231	447	450	448.3062	645561	9.0%	8				
03/09/2008	1224	1337	1294.1609	1863592	446	450	448.1614	645352	8.5%	9				
03/10/2008	1175	1327	1281.4566	1845298	447	450	448.2427	645470	11.5%	10				
03/11/2008	1214	1333	1283.7466	1848595	448	451	448.1653	645358	8.9%	11				
03/12/2008					445	452	448.5108	645856		12				
03/13/2008					443	457	448.0881	645247		13				
03/14/2008					445	452	448.2998	645552		14				
03/15/2008					445	452	448.1537	645341		15				
03/16/2008					446	451	448.3019	645555		16				
03/17/2008					445	452	448.2606	645495		17				
03/18/2008					444	452	448.4025	645700		18				
03/19/2008	1207	1324	1277.0701	1838981	447	451	448.3752	645660	8.8%	19				
03/20/2008	1231	1361	1303.6489	1877254	447	451	448.2976	645549	9.6%	20				
03/21/2008	1217	1328	1278.7906	1841458	447	450	447.9843	645097	8.4%	21				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
03/22/2008	1172	1297	1251.7293	1802490	447	451	448.2022	645411	9.6%	22				
03/23/2008	1217	1313	1268.7889	1827056	446	450	448.1892	645392	7.3%	23				
03/24/2008	1228	1356	1301.0344	1873490	447	451	448.3626	645642	9.4%	24				
03/25/2008	1263	1361	1313.3843	1891273	445	451	448.3103	645567	7.2%	25				
03/26/2008					444	452	448.3831	645672		26				
03/27/2008					445	451	448.4829	645815		27				
03/28/2008					444	452	448.2013	645410		28				
03/29/2008					443	453	448.3505	645625		29				
03/30/2008					443	455	448.3141	645572		30				
03/31/2008					443	456	448.3649	645645		31				
04/01/2008					443	453	448.4534	645773		1				
04/02/2008	1212	1327	1283.1971	1847804	446	451	448.2476	645477	8.7%	2				
04/03/2008	1201	1329	1277.3213	1839343	447	451	448.0409	645179	9.6%	3				
04/04/2008	1187	1306	1263.1216	1818895	447	450	448.3396	645609	9.1%	4				
04/05/2008					447	451	448.0642	645212		5				
04/06/2008	1260	1351	1313.1237	1890898	447	451	448.3038	645557	6.7%	6				
04/07/2008	1222	1364	1307.1499	1882296	447	451	448.1680	645362	10.4%	7				
04/08/2008	1226	1351	1293.8913	1863204	447	451	448.1750	645372	9.3%	8				
04/09/2008					444	452	448.3493	645623		9				
04/10/2008					445	452	448.4512	645770		10				
04/11/2008					445	451	448.5056	645848		11				
04/12/2008					445	452	448.2037	645413		12				
04/13/2008					444	452	448.2834	645528		13				
04/14/2008					444	452	448.1615	645353		14				
04/15/2008					445	452	448.4930	645830		15				
04/16/2008					447	450	448.2634	645499		16				
04/17/2008	1180	1304	1258.7251	1812564	447	451	448.1604	645351	9.5%	17				
04/18/2008					447	450	448.3930	645686		18				
04/19/2008					446	451	448.1824	645383		19				
04/20/2008					446	450	448.1539	645342		20				
04/21/2008					447	450	448.3079	645563		21				
04/22/2008					447	451	448.1190	645291		22				
04/23/2008					438	451	448.3366	645605		23				
04/24/2008					445	451	448.4076	645707		24				
04/25/2008					444	452	448.3493	645623		25				
04/26/2008					445	452	448.5893	645969		26				
04/27/2008					446	452	448.4729	645801		27				
04/28/2008					445	452	448.3506	645625		28				
04/29/2008					386	465	448.1975	645404		29				
04/30/2008					445	451	448.4259	645733		30				
05/01/2008					446	451	448.3579	645635		1				
05/02/2008					447	450	448.3200	645581		2				
05/03/2008					446	453	448.1806	645380		3				
05/04/2008					347	545	448.9098	646430		4				
05/05/2008					447	451	448.2518	645483		5				
05/06/2008					446	452	448.1151	645286		6				
05/07/2008					445	452	448.4658	645791		7				
05/08/2008					445	451	448.3650	645646		8				
05/09/2008	1226	1345	1299.2935	1870983	445	452	448.3300	645595	8.8%	9				
05/10/2008	1168	1308	1261.5008	1816561	445	452	448.1965	645403	10.7%	10				
05/11/2008	1167	1339	1273.1803	1833380	444	451	448.4187	645723	12.8%	11				
05/12/2008	1220	1361	1283.5539	1848318	445	452	448.3529	645628	10.4%	12				
05/13/2008	1188	1318	1264.9202	1821485	443	452	448.1170	645288	9.9%	13				
05/14/2008	1191	1315	1265.6872	1822590	447	450	448.1827	645383	9.4%	14				
05/15/2008	1167	1298	1253.2528	1804684	445	450	448.3283	645593	10.1%	15				
05/16/2008	1167	1289	1247.8031	1796836	447	450	448.5080	645851	9.5%	16				
05/17/2008	1200	1312	1264.5621	1820969	447	451	448.1549	645343	8.5%	17				
05/18/2008	1194	1322	1281.7890	1845776	447	451	448.3747	645660	9.7%	18				
05/19/2008	1240	1355	1308.0108	1883536	447	451	448.3091	645565	8.5%	19				
05/20/2008	1194	1363	1306.8450	1881857	435	452	448.4871	645821	12.4%	20				
05/21/2008	1260	1394	1353.6123	1949202	445	452	447.9324	645023	9.6%	21				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
05/22/2008	1304	1427	1379.4891	1986464	445	452	448.2453	645473	8.6%	22				
05/23/2008	1323	1438	1390.1337	2001793	445	452	448.5182	645866	8.0%	23				
05/24/2008	1249	1389	1344.2696	1935748	441	452	448.4976	645837	10.1%	24				
05/25/2008	1274	1377	1332.6353	1918995	446	451	448.3922	645685	7.5%	25				
05/26/2008	1262	1420	1354.6748	1950732	445	452	448.6100	645998	11.1%	26				
05/27/2008	1273	1381	1336.3511	1924346	444	452	448.0304	645164	7.8%	27				
05/28/2008	1263	1392	1344.0645	1935453	447	450	448.1621	645353	9.3%	28				
05/29/2008	1232	1406	1335.9137	1923716	445	461	448.2501	645480	12.4%	29				
05/30/2008	1227	1409	1330.3735	1915738	442	453	448.2696	645508	12.9%	30				
05/31/2008	1238	1423	1345.5134	1937539	444	453	448.2629	645499	13.0%	31				
06/01/2008	1265	1405	1359.4866	1957661	447	451	448.3915	645684	10.0%	1				
06/02/2008	1271	1409	1360.7920	1959540	446	451	448.0840	645241	9.8%	2				
06/03/2008	1306	1414	1369.1855	1971627	447	450	448.3137	645572	7.6%	3				
06/04/2008	1330	1465	1399.0024	2014563	445	452	448.3488	645622	9.2%	4				
06/05/2008	1336	1460	1400.0725	2016104	446	450	448.4139	645716	8.5%	5				
06/06/2008	1405.540175	1412.545924	1412.5459	2034066	448.175542	448.4875139	448.4875	645822	0.5%	6				
06/07/2008	1312	1426	1376.5288	1982201	447	451	448.4109	645712	8.0%	7				
06/08/2008	1296	1401	1355.6063	1952073	446	451	448.2330	645456	7.5%	8				
06/09/2008	1295	1430	1364.6251	1965060	446	450	448.2051	645415	9.4%	9				
06/10/2008	1305	1453	1400.2311	2016333	447	450	448.3195	645580	10.2%	10				
06/11/2008	1289	1430	1376.7968	1982587	445	451	448.3322	645598	9.9%	11				
06/12/2008	1271	1410	1358.8486	1956742	445	451	448.0901	645250	9.9%	12				
06/13/2008	1258	1394	1342.3297	1932955	445	452	448.4219	645728	9.8%	13				
06/14/2008	1243	1405	1365.5447	1966384	445	452	448.2674	645505	11.5%	14				
06/15/2008	1295	1423	1370.0304	1972844	445	452	448.3981	645693	9.0%	15				
06/16/2008	1318	1419	1380.0860	1987324	444	452	448.4478	645765	7.1%	16				
06/17/2008	1258	1414	1365.7595	1966694	445	451	448.2358	645460	11.0%	17				
06/18/2008	1303	1423	1368.4126	1970514	447	451	448.3646	645645	8.4%	18				
06/19/2008	1284	1430	1372.8486	1976902	447	449	448.4596	645782	10.2%	19				
06/20/2008	1306	1421	1377.4065	1983465	446	450	448.2786	645521	8.1%	20				
06/21/2008	1327	1426	1381.0518	1988715	447	451	448.2864	645532	6.9%	21				
06/22/2008	1324	1446	1391.5615	2003849	447	450	448.2347	645458	8.4%	22				
06/23/2008	1323	1449	1397.6781	2012656	446	450	448.2948	645545	8.7%	23				
06/24/2008	1317	1453	1398.2835	2013528	447	451	448.1807	645380	9.4%	24				
06/25/2008	1309	1457	1402.3640	2019404	445	452	448.5115	645857	10.2%	25				
06/26/2008	1350	1460	1410.9448	2031760	444	451	448.6379	646039	7.5%	26				
06/27/2008	1304	1449	1392.1896	2004753	444	452	448.3893	645681	10.0%	27				
07/02/2008	1292	1449	1389.8152	2001334	447	451	448.3363	645604	10.8%	2				
07/03/2008	1306	1455	1386.4493	1996487	447	451	448.2266	645446	10.2%	3				
07/04/2008	1337	1460	1412.7134	2034307	447	451	448.3635	645643	8.4%	4				
07/05/2008	1254	1459	1390.3575	2002115	447	451	448.2505	645481	14.1%	5				
07/06/2008	1300	1438	1393.4101	2006510	447	450	448.3947	645688	9.6%	6				
07/07/2008	1281	1435	1381.3192	1989100	447	450	448.3583	645636	10.7%	7				
07/08/2008	1302	1426	1374.1523	1978779	447	450	448.1964	645403	8.7%	8				
07/09/2008	1307	1424	1374.1222	1978736	446	452	448.4574	645779	8.2%	9				
07/10/2008	1322	1435	1387.9610	1998664	446	452	448.5637	645932	7.9%	10				
07/11/2008	1324	1456	1393.0224	2005952	445	452	448.1159	645287	9.1%	11				
07/12/2008	1262	1406	1359.9933	1958390	445	452	448.5663	645935	10.2%	12				
07/13/2008	1295	1420	1374.4612	1979224	444	451	448.3770	645663	8.8%	13				
07/14/2008	1301	1433	1385.0093	1994413	444	452	448.3108	645568	9.2%	14				
07/15/2008	1309	1423	1374.1350	1978754	445	452	448.3799	645667	8.0%	15				
07/16/2008	1290	1420	1369.9641	1972748	445	451	448.2714	645511	9.2%	16				
07/17/2008	1330	1441	1378.0487	1984390	446	452	448.4632	645787	7.7%	17				
07/18/2008	1311	1430	1390.1702	2001845	445	452	448.5016	645842	8.3%	18				
07/19/2008	1270	1434	1376.7096	1982462	445	452	448.3624	645642	11.4%	19				
07/20/2008	1309	1446	1388.3140	1999172	445	451	448.2626	645498	9.5%	20				
07/21/2008	1299	1423	1371.5111	1974976	446	452	448.4583	645780	8.7%	21				
07/22/2008	1295	1418	1373.5892	1977968	445	452	448.3677	645650	8.7%	22				
07/23/2008	1290	1424	1373.0045	1977127	446	451	448.2328	645455	9.4%	23				
07/24/2008	1295	1425	1379.0650	1985854	447	451	448.2305	645452	9.1%	24				
07/25/2008	1315	1430	1376.2640	1981820	446	451	448.2522	645483	8.0%	25				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
07/26/2008	1287	1430	1380.7247	1988244	446	451	448.4272	645735	10.0%	26				
07/27/2008	1290	1439	1378.7124	1985346	447	450	448.4989	645838	10.4%	27				
07/28/2008	1298	1419	1366.6911	1968035	446	451	448.3163	645575	8.5%	28				
07/29/2008	1230	1430	1354.3491	1950263	130	464	448.1808	645380	14.0%	29				
07/30/2008	1221	1548	1362.0393	1961337	5	467	369.1431	531566	21.1%	30				
07/31/2008	1232	1438	1358.0187	1955547	441	452	448.3312	645597	14.3%	31				
08/01/2008	1266	1430	1368.0060	1969929	441	452	448.1174	645289	11.5%	1				
08/02/2008	1282	1416	1365.1769	1965855	445	451	448.2960	645546	9.5%	2				
08/03/2008	1266	1397	1355.6972	1952204	446	452	448.3329	645599	9.4%	3				
08/04/2008	1265	1389	1344.3213	1935823	445	452	448.3056	645560	8.9%	4				
08/05/2008	1271	1393	1342.3041	1932918	446	452	448.2598	645494	8.8%	5				
08/06/2008	1252	1385	1332.2629	1918459	447	451	448.1791	645378	9.6%	6				
08/07/2008	1267	1397	1339.5987	1929022	447	451	448.3029	645556	9.3%	7				
08/08/2008	1249	1393	1342.8700	1933733	447	451	448.3042	645558	10.3%	8				
08/09/2008	1260	1400	1345.1800	1937059	447	451	448.3068	645562	10.0%	9				
08/10/2008	1251	1410	1337.9408	1926635	447	451	448.1734	645370	11.3%	10				
08/11/2008	1269	1402	1338.2466	1927075	447	451	448.3455	645617	9.5%	11				
08/12/2008	1265	1386	1339.2768	1928559	447	451	448.2588	645493	8.7%	12				
08/13/2008	1241	1388	1342.8569	1933714	445	452	448.3485	645622	10.6%	13				
08/14/2008	1259	1393	1331.1569	1916866	445	452	448.3096	645566	9.6%	14				
08/15/2008	1251	1380	1332.6168	1918968	445	451	448.3301	645595	9.3%	15				
08/16/2008	1247	1367	1328.4028	1912900	440	452	448.3495	645623	8.8%	16				
08/17/2008	1255	1377	1333.0363	1919572	445	452	448.5332	645888	8.9%	17				
08/18/2008	1268	1395	1339.6122	1929042	445	452	448.3925	645685	9.1%	18				
08/19/2008	1270	1402	1349.5816	1943397	446	451	448.4072	645706	9.4%	19				
08/20/2008	1289	1386	1344.9492	1936727	447	450	448.2474	645476	7.0%	20				
08/21/2008	1273	1400	1348.9632	1942507	446	450	448.2554	645488	9.1%	21				
08/22/2008	1266	1392	1342.0150	1932502	447	450	448.0931	645254	9.1%	22				
08/23/2008	1278	1397	1341.7727	1932153	447	450	448.2666	645504	8.5%	23				
08/24/2008	1268	1382	1338.2091	1927021	447	450	448.1167	645288	8.2%	24				
08/25/2008	1229	1397	1343.3300	1934395	447	450	448.4905	645826	12.0%	25				
08/26/2008	1273	1408	1361.1163	1960007	447	450	448.3209	645582	9.6%	26				
08/27/2008	1236	1375	1327.1008	1911025	445	452	448.4589	645781	10.1%	27				
08/28/2008	1244	1374	1324.9644	1907949	444	452	448.2328	645455	9.5%	28				
08/29/2008	1215	1411	1327.4516	1911530	443	456	448.3594	645638	13.9%	29				
08/30/2008	1222	1437	1355.6150	1952086	443	453	448.3218	645583	15.0%	30				
08/31/2008	1248	1444	1364.5335	1964928	444	459	448.3942	645688	13.6%	31				
09/01/2008	1259	1387	1342.9913	1933908	445	451	448.2545	645486	9.2%	1				
09/02/2008	1221	1346	1292.2044	1860774	445	451	448.4052	645704	9.3%	2				
09/03/2008	1240	1353	1310.7122	1887426	447	451	448.2044	645414	8.4%	3				
09/04/2008	1224	1358	1306.8537	1881869	447	450	448.1535	645341	9.9%	4				
09/05/2008	1226	1365	1314.3093	1892605	447	451	448.2909	645539	10.2%	5				
09/06/2008	1263	1368	1316.3225	1895504	447	451	448.4988	645838	7.7%	6				
09/07/2008	1243	1361	1322.0669	1903776	446	450	448.0530	645196	8.7%	7				
09/08/2008	1242	1378	1321.7601	1903335	447	451	448.0493	645191	9.9%	8				
09/09/2008	1262	1387	1339.3732	1928697	446	451	448.2791	645522	9.0%	9				
09/10/2008	1277	1385	1337.5016	1926002	444	452	448.3836	645672	7.8%	10				
09/11/2008	1211	1368	1314.4425	1892797	447	450	448.1573	645347	11.5%	11				
09/12/2008	1226	1364	1304.6489	1878694	447	451	448.0535	645197	10.1%	12				
09/13/2008	1235	1351	1306.4904	1881346	447	450	448.3042	645558	8.6%	13				
09/14/2008	1209	1348	1289.6612	1857112	447	453	448.3126	645570	10.3%	14				
09/15/2008	1183	1320	1280.9617	1844585	447	450	448.2911	645539	10.4%	15				
09/16/2008	1226	1347	1286.7420	1852909	447	451	448.2154	645430	9.0%	16				
09/17/2008	1241	1351	1296.3196	1866700	445	452	448.3601	645639	8.1%	17				
09/18/2008	1243	1351	1301.7790	1874562	445	452	448.5442	645904	8.0%	18				
09/19/2008	1241	1345	1301.2545	1873806	423	452	448.0513	645194	7.7%	19				
09/20/2008	1252	1373	1320.9701	1902197	442	476	448.7243	646163	8.8%	20				
09/21/2008	1251	1376	1312.4557	1889936	444	452	448.3741	645659	9.1%	21				
09/22/2008	1257	1363	1318.3909	1898483	445	452	448.3492	645623	7.8%	22				
09/23/2008	1215	1341	1290.3762	1858142	446	451	448.2888	645536	9.4%	23				
09/24/2008	1212	1345	1289.1676	1856401	447	451	448.1351	645315	9.9%	24				

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09/25/2008	1230	1350	1298.2024	1869411	447	451	448.2764	645518	8.9%	25				
09/26/2008	1213	1330	1285.5746	1851227	447	450	448.2814	645525	8.8%	26				
09/27/2008	1194	1333	1283.1045	1847670	447	450	448.3661	645647	10.4%	27				
09/28/2008	1186	1329	1269.0069	1827370	447	451	448.2586	645492	10.8%	28				
09/29/2008	1176	1345	1278.4981	1841037	435	464	448.2586	645492	12.6%	29				
09/30/2008	1130	1386	1274.3022	1834995	5	531	431.2257	620965	18.5%	30				
10/01/2008	1186	1315	1265.5344	1822370	445	452	448.3687	645651	9.8%	1				
10/02/2008	1217	1341	1284.7743	1850075	441	453	448.5214	645871	9.2%	2				
10/03/2008	1227	1344	1295.7162	1865831	445	452	448.3589	645637	8.7%	3				
10/04/2008	1248	1372	1322.6346	1904594	444	452	448.2580	645492	9.0%	4				
10/05/2008	1232	1369	1300.5144	1872741	447	461	448.4773	645807	10.0%	5				
10/06/2008	1187	1315	1273.2908	1833539	447	450	448.0625	645210	9.7%	6				
10/07/2008	1198	1315	1262.0547	1817359	447	450	448.0363	645172	8.9%	7				
10/08/2008	1191	1328	1271.4403	1830874	444	451	448.3777	645664	10.3%	8				
10/09/2008	1206	1345	1300.1329	1872191	441	455	448.6771	646095	10.3%	9				
10/10/2008	1214	1345	1293.8986	1863214	446	452	448.2970	645548	9.7%	10				
10/11/2008	1193	1353	1301.6624	1874394	445	452	448.3170	645577	11.8%	11				
10/12/2008	1204	1352	1280.3976	1843773	445	452	448.3019	645555	10.9%	12				
10/13/2008	1142	1266	1221.5752	1759068	444	452	448.3696	645652	9.8%	13				
10/14/2008	1127	1257	1210.6169	1743288	445	452	448.5055	645848	10.3%	14				
10/15/2008	1183	1288	1240.2785	1786001	447	451	448.2362	645460	8.2%	15				
10/16/2008	1161	1416	1240.0622	1785690	5	511	210.2571	302770	18.0%	16				
10/17/2008	1167	1287	1227.8978	1768173	405	455	446.9678	643634	9.3%	17				
10/18/2008	1189	1296	1258.0248	1811556	447	450	448.3574	645635	8.3%	18				
10/19/2008	1200	1314	1265.5850	1822442	447	451	448.1495	645335	8.7%	19				
10/20/2008	1177	1306	1264.0053	1820168	447	450	448.2992	645551	9.9%	20				
10/21/2008	1190	1309	1266.1199	1823213	447	450	448.3253	645588	9.1%	21				
10/22/2008	1134	1266	1208.8703	1740773	444	452	448.4445	645760	10.4%	22				
10/23/2008	1159	1279	1232.8420	1775292	445	451	448.2566	645489	9.4%	23				
10/24/2008	1161	1304	1248.5110	1797856	444	451	448.1406	645322	11.0%	24				
10/25/2008	1153	1290	1228.8827	1769591	445	452	448.4373	645750	10.6%	25				
10/26/2008	1127	1283	1216.8234	1752226	444	452	448.2792	645522	12.2%	26				
10/27/2008	1133	1254	1207.8467	1739299	444	452	448.4363	645748	9.6%	27				
10/28/2008	1134	1273	1212.4607	1745943	446	452	448.3799	645667	10.9%	28				
10/29/2008	1136	1320	1249.4027	1799140	427	460	448.2467	645475	13.9%	29				
10/30/2008	1139	1333	1249.1188	1798731	429	476	448.2532	645485	14.6%	30				
10/31/2008	1126	1303	1236.1094	1779998	434	476	448.2917	645540	13.6%	31				
11/01/2008	1160	1269	1223.5184	1761867	447	450	448.3418	645612	8.6%	1				
11/02/2008	1189	1315	1266.0401	1823098	447	450	448.2263	645446	9.6%	2				
11/03/2008	1169	1293	1246.4423	1794877	446	450	448.2969	645547	9.6%	3				
11/04/2008	1204	1341	1292.0668	1860576	444	451	448.3557	645632	10.2%	4				
11/05/2008	1172	1299	1248.9135	1798435	444	453	448.3324	645599	9.8%	5				
11/06/2008	1149	1266	1220.7213	1757839	444	451	448.1641	645356	9.2%	6				
11/07/2008	1137	1233	1194.6158	1720247	444	452	448.4598	645782	7.8%	7				
11/08/2008	1164	1270	1224.9191	1763883	446	451	448.5811	645957	8.3%	8				
11/09/2008	1167	1345	1280.5426	1843981	443	451	448.2370	645461	13.2%	9				
11/10/2008	1197	1328	1260.3231	1814865	446	452	448.4875	645822	9.9%	10				
11/11/2008	1161	1276	1222.4001	1760256	445	452	448.4516	645770	9.0%	11				
11/12/2008	1092	1240	1194.3965	1719931	448	450	448.1108	645280	11.9%	12				
11/13/2008	1129	1249	1208.0291	1739562	447	450	448.1728	645369	9.6%	13	1300.852856			
01/14/2009					449	449	449.0000	646560		14				
01/15/2009					449	449	449.0000	646560		15				
01/16/2009					449	449	449.0000	646560		16				
01/17/2009					449	449	449.0000	646560		17				
01/18/2009					449	449	449.0000	646560		18				
01/19/2009					449	449	449.0000	646560		19				
01/20/2009					449	449	449.0000	646560		20				
01/21/2009					449	449	449.0000	646560		21				
01/22/2009					449	449	449.0000	646560		22				
01/23/2009					449	449	449.0000	646560		23				
01/24/2009					449	449	449.0000	646560		24				

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01/25/2009					449	449	449.0000	646560		25				
01/26/2009					449	449	449.0000	646560		26				
01/27/2009					449	449	449.0000	646560		27				
01/28/2009					449	449	449.0000	646560		28				
01/29/2009	964	1136	1119.2150	1611670	443	452	448.8303	646316	15.1%	29				
01/30/2009					0	452	306.6755	441613		30				
01/31/2009	1020	1177	1113.7817	1603846	187	223	200.1179	288170	13.3%	31				
02/01/2009	1030	1157	1104.6790	1590738	198	202	200.0292	288042	11.0%	1				
02/02/2009	1017	1125	1082.3445	1558576	198	201	200.3037	288437	9.6%	2				
02/03/2009	1022	1124	1077.9895	1552305	198	202	200.1175	288169	9.1%	3				
02/04/2009	1011	1134	1088.5336	1567488	200	200	200.0000	288000	10.8%	4				
02/05/2009	1038	1152	1105.4800	1591891	194	239	200.7184	289034	9.9%	5				
02/06/2009	1064	1180	1134.4651	1633630	199	202	199.9839	287977	9.8%	6				
02/07/2009	1041	1149	1097.9539	1581054	198	201	199.8061	287721	9.4%	7				
02/08/2009	1038	1145	1112.4372	1601910	198	201	200.0309	288044	9.3%	8				
02/09/2009	1084	1193	1138.0691	1638819	191	223	200.1574	288227	9.1%	9				
02/10/2009	1047	1161	1121.0818	1614358	198	202	200.0052	288007	9.8%	10				
02/11/2009	1027	1131	1091.4282	1571657	198	202	200.0739	288106	9.2%	11				
02/12/2009	1049	1135	1095.2470	1577156	198	200	199.9436	287919	7.6%	12				
02/13/2009	1027	1139	1082.7402	1559146	199	201	200.6137	288884	9.8%	13				
02/14/2009	1043	1169	1127.1136	1623044	198	201	200.2018	288291	10.8%	14				
02/15/2009	1028	1115	1076.0136	1549460	198	202	200.1572	288226	7.8%	15				
02/16/2009	1017	1144	1102.2852	1587291	198	201	200.2100	288302	11.1%	16				
02/17/2009	1052	1191	1135.1122	1634562	198	201	200.0123	288018	11.7%	17				
02/18/2009	970	1098	1051.5073	1514170	417	421	418.4104	602511	11.7%	18				
02/19/2009	965	1076	1025.9924	1477429	410	422	416.7194	600076	10.3%	19				
02/20/2009	956	1094	1048.5478	1509909	415	417	416.8166	600216	12.6%	20				
02/21/2009	985	1094	1048.9884	1510543	414	419	416.7135	600067	10.0%	21				
02/22/2009	955	1085	1041.7287	1500089	414	438	416.4379	599671	12.0%	22				
02/23/2009	974	1114	1056.5193	1521388	416	420	417.7184	601514	12.6%	23				
02/24/2009	990	1104	1063.2805	1531124	416	423	418.4299	602539	10.3%	24				
02/25/2009	1013	1112	1076.7305	1550492	200	200	200.0000	288000	8.9%	25				
02/26/2009	1004	1123	1073.5657	1545935	198	201	199.8956	287850	10.6%	26				
02/27/2009	985	1111	1068.4213	1538527	200	200	200.0000	288000	11.3%	27				
02/28/2009	971	1066	1029.3636	1482284	200	200	200.0000	288000	8.9%	28				
03/01/2009	996	1096	1050.6710	1512966	198	200	199.9806	287972	9.1%	1				
03/02/2009	994	1106	1066.3013	1535474	198	202	199.9994	287999	10.1%	2				
03/03/2009	989	1135	1083.4969	1560236	196	211	199.8017	287714	12.9%	3				
03/04/2009	1026	1135	1095.4996	1577519	198	200	199.9819	287974	9.6%	4				
03/05/2009	1004	1111	1065.1578	1533827	198	201	200.1561	288225	9.6%	5				
03/06/2009	1011	1112	1072.5116	1544417	198	203	199.9647	287949	9.1%	6				
03/07/2009	966	1081	1042.0231	1500513	198	202	199.9180	287882	10.6%	7				
03/08/2009	984	1090	1057.6447	1523008	198	202	200.4927	288709	9.7%	8				
03/09/2009	986	1106	1072.0548	1543759	198	202	199.9912	287987	10.8%	9				
03/10/2009	979	1079	1042.3344	1500962	198	201	200.4452	288641	9.3%	10				
03/11/2009	950	1069	1025.1143	1476165	200	202	200.0194	288028	11.1%	11				
03/12/2009	969	1068	1026.5409	1478219	200	200	200.0000	288000	9.3%	12				
03/13/2009	973	1072	1026.8782	1478705	197	203	200.0683	288098	9.2%	13				
03/14/2009	973	1101	1051.2328	1513775	448	452	450.1364	648196	11.6%	14				
03/15/2009	1014	1132	1078.1244	1552499	447	453	449.8623	647802	10.4%	15				
03/16/2009	970	1095	1043.8437	1503135	447	452	449.8602	647799	11.4%	16				
03/17/2009	921	1071	1027.1096	1479038	447	452	450.0387	648056	14.0%	17				
03/18/2009	925	1066	1006.9579	1450019	223	228	225.0784	324113	13.2%	18				
03/19/2009	936	1060	1016.2651	1463422	223	227	224.9088	323869	11.7%	19				
03/20/2009	971	1087	1042.2980	1500909	224	227	225.2649	324381	10.7%	20				
03/21/2009	997	1106	1056.7355	1521699	223	227	225.0573	324082	9.9%	21				
03/22/2009	998	1095	1053.3503	1516824	223	228	225.1809	324261	8.9%	22				
03/23/2009	950	1079	1038.6419	1495644	216	229	224.8534	323789	12.0%	23				
03/24/2009	939	1054	1002.2225	1443200	223	227	225.1121	324161	10.9%	24				
03/25/2009	951	1068	1032.0169	1486104	223	243	225.2434	324350	11.0%	25				
03/26/2009	985	1120	1064.0523	1532235	224	227	225.0022	324003	12.1%	26				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
03/27/2009	933	1047	1007.0510	1450153	223	226	224.8860	323836	10.9%	27				
03/28/2009	959	1073	1025.4818	1476694	223	227	224.9948	323993	10.6%	28				
03/29/2009					141	263	224.9281	323896		29				
03/30/2009	911	1078	1008.7474	1452596	221	239	224.9334	323904	15.5%	30				
03/31/2009	925	1106	1036.0348	1491890	221	241	225.0178	324026	16.4%	31				
04/01/2009	971	1094	1049.4563	1511217	223	227	224.8875	323838	11.2%	1				
04/02/2009	954	1079	1032.8996	1487375	223	227	225.0473	324068	11.6%	2				
04/03/2009	986	1095	1056.0132	1520659	223	227	224.9689	323955	10.0%	3				
04/04/2009	945	1076	1025.8795	1477266	223	227	225.1180	324170	12.2%	4				
04/05/2009	895	1008	956.2872	1377054	223	228	225.1682	324242	11.2%	5				
04/06/2009	877	1012	958.4823	1380215	223	227	225.0937	324135	13.3%	6				
04/07/2009	906	1034	986.0198	1419868	223	227	224.9786	323969	12.4%	7				
04/08/2009	976	1086	1043.6884	1502911	223	227	225.1232	324177	10.1%	8				
04/09/2009	942	1090	1026.9578	1478819	299	301	300.2047	432295	13.6%	9				
04/10/2009	947	1074	1018.7523	1467003	300	300	300.0000	432000	11.8%	10				
04/11/2009	953	1076	1022.6930	1472678	300	300	300.0000	432000	11.4%	11				
04/12/2009	921	1044	992.5031	1429205	448	452	449.9836	647976	11.8%	12				
04/13/2009	925	1036	989.3505	1424665	447	452	449.9555	647936	10.7%	13				
04/14/2009	953	1081	1037.5227	1494033	447	452	449.8094	647726	11.8%	14				
04/15/2009	1003	1119	1072.5401	1544458	447	453	450.0813	648117	10.4%	15				
04/16/2009	928	1065	1018.7842	1467049	446	453	450.1000	648144	12.9%	16				
04/17/2009	889	1010	968.0306	1393964	440	458	450.0479	648069	12.0%	17				
04/18/2009	901	1017	973.2488	1401478	447	453	450.0450	648065	11.4%	18				
04/19/2009	887	1000	950.6219	1368895	447	453	450.0254	648037	11.3%	19				
04/20/2009	902	1005	958.5193	1380268	447	453	450.1663	648239	10.2%	20				
04/21/2009	911	1008	973.5315	1401885	447	453	449.9319	647902	9.6%	21				
04/22/2009	910	1049	992.1693	1428724	447	452	450.0642	648092	13.3%	22				
04/23/2009	944	1073	1025.9897	1477425	447	452	450.0437	648063	12.0%	23				
04/24/2009	958	1079	1023.2257	1473445	447	452	449.9057	647864	11.2%	24				
04/25/2009	937	1066	1016.0119	1463057	448	452	449.9631	647947	12.1%	25				
04/26/2009	930	1060	1017.6777	1465456	447	452	449.9850	647978	12.3%	26				
04/27/2009	926	1052	999.6916	1439556	448	452	450.3623	648522	12.0%	27				
04/28/2009	973	1087	1038.1355	1494915	448	452	449.9021	647859	10.5%	28				
04/29/2009	884	1046	989.5662	1424975	435	458	450.0464	648067	15.5%	29				
04/30/2009	876	1051	984.4324	1417583	435	476	450.0104	648015	16.7%	30				
05/01/2009	901	1021	973.9911	1402547	447	453	450.3727	648537	11.8%	1				
05/02/2009	946	1044	1004.8453	1446977	447	453	450.1507	648217	9.4%	2				
05/03/2009	920	1035	985.4794	1419090	447	454	450.2446	648352	11.1%	3				
05/04/2009	917	1024	978.8649	1409565	447	453	449.9666	647952	10.4%	4				
05/05/2009	914	1041	996.2250	1434564	447	453	449.9425	647917	12.2%	5				
05/06/2009	909	1022	977.3456	1407378	448	452	449.9567	647938	11.1%	6				
05/07/2009	874	1000	955.4885	1375903	447	452	450.2624	648378	12.6%	7				
05/08/2009	879	1007	955.3708	1375734	447	452	450.2217	648319	12.7%	8				
05/09/2009	908	998	964.2209	1388478	447	452	449.8996	647855	9.0%	9				
05/10/2009	886	1013	962.1780	1385536	447	452	449.8286	647753	12.5%	10				
05/11/2009	918	1016	977.1821	1407142	447	452	449.9582	647940	9.6%	11				
05/12/2009	924	1038	995.0514	1432874	447	452	449.9570	647938	11.0%	12				
05/13/2009	891	1005	957.8147	1379253	447	454	450.2081	648300	11.3%	13				
05/14/2009	901	1019	965.9321	1390942	423	466	450.0971	648140	11.6%	14				
05/15/2009	886	1013	962.1597	1385510	447	452	450.0718	648103	12.5%	15				
05/16/2009	893	993	947.8664	1364928	447	453	449.7748	647676	10.1%	16				
05/17/2009	860	980	940.8534	1354829	430	456	450.1600	648230	12.2%	17				
05/18/2009	891	997	957.9840	1379497	447	453	449.8411	647771	10.6%	18				
05/19/2009	906	1026	980.5345	1411970	434	465	450.0672	648097	11.7%	19				
05/20/2009	909	1027	979.2887	1410176	439	464	449.9237	647890	11.5%	20				
05/21/2009	845	969	922.8656	1328927	434	469	449.9206	647886	12.8%	21				
05/22/2009	854	997	947.2303	1364012	436	467	449.9678	647954	14.3%	22				
05/23/2009	917	1041	988.4983	1423438	447	452	449.9506	647929	11.9%	23				
05/24/2009	939	1064	1008.7444	1452592	448	451	449.8498	647784	11.7%	24				
05/25/2009	956	1099	1040.8068	1498762	438	458	450.0285	648041	13.0%	25				
05/26/2009	954	1086	1045.2493	1505159	440	452	449.9799	647971	12.2%	26				

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
05/27/2009	972	1096	1044.1111	1503520	447	452	450.0119	648017	11.3%	27				
05/28/2009	970	1096	1047.9369	1509029	448	452	450.1206	648174	11.5%	28				
05/29/2009	942	1101	1041.2630	1499419	436	476	450.0104	648015	14.4%	29				
05/30/2009	942	1109	1048.4216	1509727	445	458	449.9919	647988	15.1%	30				
05/31/2009	963	1131	1055.6758	1520173	442	452	450.0269	648039	14.9%	31				
06/01/2009	975	1112	1054.3457	1518258	447	452	449.9303	647900	12.3%	1				
06/02/2009	988	1097	1054.3506	1518265	448	452	449.9653	647950	9.9%	2				
06/03/2009	981	1102	1054.4791	1518450	447	454	450.1374	648198	11.0%	3				
06/04/2009	987	1106	1056.4231	1521249	447	453	450.0916	648132	10.8%	4				
06/05/2009	1008	1120	1078.4533	1552973	447	452	449.9782	647969	10.0%	5				
06/06/2009	993	1129	1078.7120	1553345	443	466	449.8778	647824	12.0%	6				
06/07/2009	987	1131	1078.9419	1553676	448	452	450.0029	648004	12.7%	7				
06/08/2009	974	1120	1061.2691	1528228	447	452	449.9901	647986	13.0%	8				
06/09/2009	1001	1116	1066.1787	1535297	448	452	450.0865	648125	10.3%	9				
06/10/2009	1000	1109	1064.9114	1533472	438	458	450.3360	648484	9.8%	10				
06/11/2009	979	1124	1056.3390	1521128	435	458	449.9401	647914	12.9%	11				
06/12/2009	995	1094	1051.6452	1514369	446	453	449.7017	647570	9.0%	12				
06/13/2009	1007	1117	1062.7084	1530300	447	453	450.0757	648109	9.8%	13				
06/14/2009	981	1099	1058.5637	1524332	447	453	449.9008	647857	10.7%	14				
06/15/2009	972	1105	1060.4598	1527062	447	453	450.1805	648260	12.0%	15				
06/16/2009	988	1112	1057.5411	1522859	447	453	449.9281	647897	11.2%	16				
06/17/2009	991	1118	1063.5149	1531461	448	452	450.0607	648087	11.4%	17				
06/18/2009	1010	1120	1070.3663	1541327	447	452	450.0310	648045	9.8%	18				
06/19/2009	973	1106	1058.1299	1523707	448	452	450.0491	648071	12.0%	19				
06/20/2009	1013	1131	1087.2070	1565578	447	452	449.9786	647969	10.4%	20				
06/21/2009	1010	1136	1082.3961	1558650	448	452	450.0376	648054	11.1%	21				
06/22/2009	980	1092	1056.0634	1520731	447	452	449.8817	647830	10.3%	22				
06/23/2009	978	1111	1056.8488	1521862	448	452	450.1762	648254	12.0%	23				
06/24/2009	991	1103	1060.3906	1526962	447	454	449.9393	647913	10.2%	24				
06/25/2009	989	1101	1059.5166	1525704	447	453	450.2657	648383	10.2%	25				
06/26/2009	991	1131	1068.2008	1538209	446	453	449.8181	647738	12.4%	26				
06/27/2009	969	1078	1039.1255	1496341	447	453	450.3845	648554	10.1%	27				
06/28/2009	973	1086	1039.9924	1497589	447	453	449.8191	647739	10.4%	28				
06/29/2009	964	1161	1061.1578	1528067	385	519	450.1031	648148	17.0%	29				
06/30/2009	909	1145	1062.9489	1530646	235	461	449.9347	647906	20.6%	30				
07/01/2009	992	1110	1055.6582	1520148	447	453	449.9091	647869	10.6%	1				
07/02/2009	994	1104	1054.0041	1517766	447	452	449.9847	647978	10.0%	2				
07/03/2009	993	1086	1044.5081	1504092	447	453	450.3455	648497	8.6%	3				
07/04/2009	1034	1034	1034.0000	1488960	449	449	449.0000	646560	0.0%	4				
07/05/2009	987	1095	1047.3915	1508244	447	452	449.9921	647989	9.9%	5				
07/06/2009	1011	1129	1075.1258	1548181	447	452	449.9717	647959	10.5%	6				
07/07/2009	993	1108	1069.9309	1540701	447	452	449.9732	647961	10.4%	7				
07/08/2009	991	1121	1067.2273	1536807	447	453	450.0842	648121	11.6%	8				
07/09/2009	986	1115	1059.5951	1525817	447	452	449.9699	647957	11.6%	9				
07/10/2009	982	1101	1047.5955	1508538	447	452	450.2205	648317	10.8%	10				
07/11/2009	970	1098	1048.7861	1510252	447	453	450.2496	648359	11.7%	11				
07/12/2009	965	1088	1038.0837	1494841	447	453	450.0329	648047	11.3%	12				
07/13/2009	967	1102	1048.5807	1509956	447	452	449.9968	647995	12.3%	13				
07/14/2009	955	1071	1030.8352	1484403	447	453	450.2338	648337	10.8%	14				
07/15/2009	955	1084	1040.6845	1498586	447	452	450.1468	648211	11.9%	15				
07/16/2009	955	1073	1038.2077	1495019	447	452	450.1545	648222	11.0%	16				
07/17/2009	963	1082	1038.2621	1495097	447	452	449.9605	647943	11.0%	17				
07/18/2009	965	1080	1040.4781	1498288	447	452	450.0687	648099	10.6%	18				
07/19/2009	978	1093	1047.8111	1508848	447	473	450.1783	648257	10.5%	19				
07/20/2009	985	1098	1048.6908	1510115	450	452	450.0408	648059	10.3%	20				
07/21/2009	967	1089	1042.0013	1500482	448	452	449.9506	647929	11.2%	21				
07/22/2009	961	1106	1050.1942	1512280	423	473	450.1313	648189	13.1%	22				
07/23/2009	990	1104	1052.5027	1515604	447	453	449.8826	647831	10.3%	23				
07/24/2009	981	1093	1051.6973	1514444	447	453	450.1812	648261	10.2%	24				
07/25/2009	955	1085	1035.3499	1490904	446	453	450.2547	648367	12.0%	25				
07/26/2009	966	1090	1034.4222	1489568	447	452	450.0116	648017	11.4%	26				

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07/27/2009	969	1086	1044.7078	1504379	447	452	449.9476	647925	10.8%	27				
07/28/2009	960	1090	1036.5111	1492576	447	452	450.0726	648105	11.9%	28				
07/29/2009	959	1212	1046.6830	1507223	5	516	441.5588	635845	20.9%	29				
07/30/2009	939	1105	1037.2941	1493703	426	472	450.0929	648134	15.0%	30				
07/31/2009	926	1095	1029.8426	1482973	419	476	450.0305	648044	15.4%	31				
08/01/2009	970	1082	1028.9491	1481687	430	469	449.8190	647739	10.4%	1				
08/02/2009	958	1080	1033.9353	1488867	439	476	450.5382	648775	11.3%	2				
08/03/2009	978	1097	1039.1218	1496335	433	473	450.1482	648213	10.8%	3				
08/04/2009	951	1094	1042.2318	1500814	447	452	450.0944	648136	13.1%	4				
08/05/2009	951	1083	1033.1513	1487738	448	452	449.9191	647883	12.2%	5				
08/06/2009	971	1109	1051.6194	1514332	425	475	449.9627	647946	12.4%	6				
08/07/2009	972	1095	1044.2166	1503672	446	455	450.0237	648034	11.2%	7				
08/08/2009	950	1068	1025.2626	1476378	439	458	449.8934	647846	11.0%	8				
08/09/2009	928	1068	1016.4332	1463664	447	458	450.2044	648294	13.1%	9				
08/10/2009	944	1063	1013.5793	1459554	448	452	450.1983	648286	11.2%	10				
08/11/2009	939	1060	1016.6103	1463919	441	463	449.9679	647954	11.4%	11				
08/12/2009	967	1079	1035.5482	1491189	429	472	450.2048	648295	10.4%	12				
08/13/2009	967	1089	1040.7203	1498637	447	454	450.2131	648307	11.2%	13				
08/14/2009	981	1104	1055.0868	1519325	447	452	449.8642	647804	11.1%	14				
08/15/2009	978	1085	1039.2144	1496469	447	454	450.0991	648143	9.9%	15				
08/16/2009	966	1072	1031.0864	1484764	447	453	449.8973	647852	9.9%	16				
08/17/2009	951	1075	1027.8752	1480140	446	454	449.8641	647804	11.5%	17				
08/18/2009	944	1063	1022.7115	1472705	447	453	450.0597	648086	11.2%	18				
08/19/2009	951	1071	1025.2479	1476357	448	452	450.1125	648162	11.2%	19				
08/20/2009	955	1065	1024.1356	1474755	448	452	450.0978	648141	10.3%	20				
08/21/2009	954	1071	1022.0128	1471698	448	452	450.0966	648139	10.9%	21				
08/22/2009	949	1067	1030.3750	1483740	447	452	450.0243	648035	11.1%	22				
08/23/2009	970	1068	1030.9099	1484510	447	452	450.0400	648058	9.2%	23				
08/24/2009	950	1060	1017.1937	1464759	447	452	450.0281	648040	10.4%	24				
08/25/2009	934	1065	1012.0554	1457360	447	453	450.2033	648293	12.3%	25				
08/26/2009	904	1057	1015.4065	1462185	448	452	450.0157	648023	14.5%	26				
08/27/2009	949	1045	1012.7544	1458366	447	452	449.8538	647790	9.2%	27				
08/28/2009	931	1062	1013.2595	1459094	448	452	450.1162	648167	12.3%	28				
08/29/2009	915	1109	1029.7783	1482881	440	470	450.0039	648006	17.5%	29				
08/30/2009	947	1112	1042.0841	1500601	442	455	450.0246	648035	14.8%	30				
08/31/2009	932	1089	1027.2137	1479188	423	457	449.9663	647951	14.4%	31				
10/01/2009			963.4180				450.0755							
10/02/2009			999.3210				450.0341							
10/03/2009			1041.9980				450.0403							
10/04/2009			1043.8673				450.0454							
10/05/2009			984.6084				450.0154							
10/06/2009			960.2377				450.0154							
10/07/2009			981.4935				401.3852							
10/08/2009			978.2134				258.9398							
10/09/2009			976.0347				321.6818							
10/10/2009			984.2053				449.9977							
10/11/2009			1013.6499				449.9792							
10/12/2009			1012.7468				346.3932							
10/13/2009			1005.8980				450.0415							
10/14/2009			970.8770				392.0542							
10/15/2009			941.0731				289.9794							
10/16/2009			940.9312				344.9044							
10/17/2009			959.5829				450.0331							
10/18/2009			989.1601				450.1121							
10/19/2009			1000.5881				450.0707							
10/20/2009			967.1344				449.8665							
10/21/2009			958.3681				347.1941							
10/22/2009			957.1149				430.6827							
10/23/2009			959.1643				449.9872							
10/24/2009			967.2068				450.0012							
10/25/2009			939.9305				450.0274							

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
10/26/2009			970.9474				450.0169							
10/27/2009			999.1749				449.9997							
10/28/2009			984.0047				450.0973							
10/29/2009			958.3615				433.8853							
10/30/2009			943.1185				211.3072							
10/31/2009			936.8820				450.0848							
11/01/2009			940.9736				450.0705							
11/02/2009			932.9930				450.0477							
11/03/2009			940.6939				450.0723							
11/04/2009			949.2183				449.9974							
11/05/2009			964.8631				450.0120							
11/06/2009			968.2001				385.9218							
11/07/2009			965.4216				385.7571							
11/08/2009			944.3047				449.9822							
11/09/2009			934.5539				450.0393							
11/10/2009			934.0858				449.8337							
11/11/2009			960.0803				450.0577							
11/12/2009			985.1755				450.0996							
11/13/2009			965.8753				450.0861							
11/14/2009			941.2938				450.0691							
11/15/2009			906.4220				290.9471							
11/16/2009			916.4599				450.0868							
11/17/2009			941.3200				450.0136							
11/18/2009			950.4878				450.0246							
11/19/2009			928.0172				273.7149							
11/20/2009			961.7469				450.0177							
11/21/2009			943.1047				290.9613							
11/22/2009			941.7263				273.0981							
11/23/2009			899.6144				266.7384							
11/24/2009			900.3268				256.7628							
11/25/2009			908.5546				449.9972							
11/26/2009			928.0530				450.0499							
11/27/2009			957.2802				450.0739							
11/28/2009			942.1079				450.0841							
11/29/2009			918.8469				286.0768							
11/30/2009			923.3613				450.0933							
12/01/2009			943.0452				357.2206							
12/02/2009			935.0150				449.9981							
12/03/2009			914.0794				449.9970							
12/04/2009			928.3108				301.5440							
12/05/2009			950.2677				450.0308							
12/06/2009			950.4318				450.0084							
12/07/2009			967.7608				449.9568							
12/08/2009			930.3586				449.9625							
12/09/2009			909.6887				301.9206							
12/10/2009			909.4987				450.0378							
12/11/2009			925.6947				454.9710							
12/12/2009			931.9156				450.0044							
12/13/2009			938.4486				450.0819							
12/14/2009			892.4146				450.0094							
12/15/2009			882.1111				292.2505							
12/16/2009			885.9242				449.6993							
12/17/2009			884.6528				450.0743							
12/18/2009			887.5542				450.0788							
12/19/2009			888.3995				450.0177							
12/20/2009			905.3331				313.8923							
12/21/2009			927.9537				449.9915							
12/22/2009			944.1327				449.9800							
12/23/2009			894.9771				450.0081							
12/24/2009			878.0041				449.9718							
12/25/2009			896.0213				449.9828							

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
12/26/2009			895.2718				449.9763							
12/27/2009			887.6971				450.0212							
12/28/2009			888.3275				449.9557							
12/29/2009			913.4850				450.0220							
12/30/2009			907.0443				450.0607							
12/31/2009			871.4088				450.0805				1008.729506			
01/01/2010			884.2108				450.1157							0.01
01/02/2010			882.0102				287.5889							0.00
01/03/2010			870.6904				450.1149							0.00
01/04/2010			889.3380				453.2178							0.00
01/05/2010			890.7222				449.9398							0.00
01/06/2010			889.2065				294.0839							0.00
01/07/2010			873.5016				450.0106							0.00
01/08/2010			867.7838				450.0623							0.00
01/09/2010			870.1227				450.0459							0.01
01/10/2010			868.7092				450.0382							0.00
01/11/2010			869.3037				341.9261							0.00
01/12/2010			895.5087				292.4076							0.00
01/13/2010			906.7522				450.0833							0.01
01/14/2010			860.0249				301.1147							0.00
01/15/2010			873.6406				450.0305							0.00
01/16/2010			905.7539				449.9737							0.00
01/17/2010			915.0792				450.0156							0.00
01/18/2010			930.0227				450.0258							0.08
01/19/2010			935.7782				449.9960							0.04
01/20/2010			940.3443				450.0752							0.00
01/21/2010			957.1959				450.0695							0.06
01/22/2010			952.2657				450.0670							0.15
01/23/2010			877.5970				450.0297							0.00
01/24/2010			844.2167				450.0389							0.00
01/25/2010			860.8443				450.0336							0.09
01/26/2010			874.8617				315.4716							0.01
01/27/2010			864.5694				450.0790							0.04
01/28/2010			848.6310				450.0235							0.00
01/29/2010			859.3601				450.0014							0.00
01/30/2010			880.7764				450.0679							0.11
01/31/2010			878.5596				450.0218							0.02
02/01/2010			865.0900				313.9489							0.00
02/02/2010			878.6147				449.9202							0.00
02/03/2010			891.4972				451.0700							0.02
02/04/2010			873.2943				297.0634							0.00
02/05/2010			866.8389				449.9700							0.11
02/06/2010			870.0927				449.9730							0.00
02/07/2010			879.7311				450.0178							0.00
02/08/2010			856.5952				449.9696							0.00
02/09/2010			857.3791				449.9931							0.00
02/10/2010			852.7331				450.0641							0.00
02/11/2010			843.6121				450.0514							0.00
02/12/2010			839.5996				450.0651							0.01
02/13/2010			830.6419				450.1239							0.00
02/14/2010			831.7990				450.0915							0.00
02/15/2010			839.4050				450.0091							0.00
02/16/2010			833.3612				450.0435							0.00
02/17/2010			845.5858				262.4016							0.00
02/18/2010			863.6573				325.4051							0.07
02/19/2010			874.7303				345.2145							0.02
02/20/2010			878.5265				449.9901							0.01
02/21/2010			861.6572				310.4208							0.00
02/22/2010			826.0132				449.9930							0.00
02/23/2010			820.4958				443.1834							0.00
02/24/2010			852.9313				305.4268							0.34

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02/25/2010			826.1230				450.0944					0.00		0.00
02/26/2010			837.5359				335.5560					0.00		0.00
02/27/2010			882.1254				363.2148					0.07	0.07	0.00
02/28/2010			847.8811				202.6893					0.01	0.01	0.00
03/01/2010			821.5809				274.4017					0.00	0.00	0.00
03/02/2010			854.9230				327.2555					0.00	0.00	0.00
03/03/2010			862.8142				171.7508					0.03	0.03	0.00
03/04/2010			939.0192				6.0070					0.07	0.07	0.14
03/05/2010			947.2776				6.0000					0.00	0.00	0.00
03/06/2010			954.8348				6.0000					0.00	0.00	0.00
03/07/2010			982.7946				6.0000					0.13	0.13	0.01
03/08/2010			977.6032				6.0000					0.12	0.12	0.22
03/09/2010			985.4818				6.4444					0.42	0.42	0.13
03/10/2010			962.4066				6.0283					0.00	0.00	0.02
03/11/2010			919.2154				6.1895					0.00	0.00	0.00
03/12/2010			954.1786				284.9983					0.00	0.00	0.00
03/13/2010			978.6732				449.9753					0.15	0.15	0.23
03/14/2010			921.2092				450.0212					0.00	0.00	0.00
03/15/2010			900.4223				449.9861					0.00	0.00	0.00
03/16/2010			909.0661				449.8726					0.00	0.00	0.00
03/17/2010			942.7339				450.0284					0.00	0.00	0.00
03/18/2010			968.7114				450.0587					0.00	0.00	0.00
03/19/2010			949.4081				450.0500					0.00	0.00	0.00
03/20/2010			928.2298				450.0367					0.00	0.00	0.00
03/21/2010			955.1933				450.0066					0.00	0.00	0.00
03/22/2010			969.8977				450.1208					0.01	0.01	0.00
03/23/2010			943.8903				449.8074					0.00	0.00	0.00
03/24/2010			950.8869				450.0147					0.00	0.00	0.00
03/25/2010			982.2550				449.9545					0.02	0.02	0.00
03/26/2010			954.2496				342.7099					0.01	0.01	0.02
03/27/2010			896.9645				207.8311					0.00	0.00	0.00
03/28/2010			928.3526				435.2396					0.00	0.00	0.00
03/29/2010			989.7190				398.3828					0.00	0.00	0.00
03/30/2010			1014.3922				310.3536					0.00	0.00	0.00
03/31/2010			990.2618				450.0191					0.04	0.04	0.27
04/01/2010			968.0316				450.0324					0.01	0.00	0.01
04/02/2010			960.4754				450.0231					0.59	0.77	0.45
04/03/2010			955.9044				449.8265					0.02	0.01	0.03
04/04/2010			964.8263				450.0007					0.00	0.01	0.07
04/05/2010			980.5650				450.0361					0.19	0.30	0.17
04/06/2010			902.7378				449.9379					0.00	0.00	0.00
04/07/2010			886.4128				241.1019					0.00	0.00	0.00
04/08/2010			945.0334				222.5209					0.00	0.00	0.00
04/09/2010			937.5290				337.6253					0.00	0.00	0.00
04/10/2010			959.7594				450.0338					0.00	0.00	0.00
04/11/2010			975.3556				450.0390					0.00	0.00	0.00
04/12/2010			989.0857				450.0340					0.02	0.03	0.08
04/13/2010			954.4061				449.8458					0.00	0.00	0.11
04/14/2010			932.8580				450.0543					0.00	0.00	0.00
04/15/2010			913.8882				450.0909					0.00	0.00	0.00
04/16/2010			942.4681				450.0556					0.01	0.02	0.00
04/17/2010			940.7461				450.0886					0.00	0.01	0.00
04/18/2010			951.7751				450.0483					0.00	0.00	0.00
04/19/2010			962.4229				450.0611					0.00	0.00	0.00
04/20/2010			1001.8110				452.9581					0.19	0.28	0.16
04/21/2010			1008.8883				232.4467					0.35	0.60	0.06
04/22/2010			983.6130				429.0907					0.28	0.17	0.70
04/23/2010			956.0499				449.9618					0.06	0.00	0.01
04/24/2010			929.0660				450.0489					0.00	0.00	0.00
04/25/2010			920.8052				450.0081					0.00	0.00	0.00
04/26/2010			945.4416				449.9887					0.00	0.00	0.00

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04/27/2010			1014.1173				450.0849					0.00	0.00	0.03
04/28/2010			1000.0478				450.0309					0.00	0.00	0.01
04/29/2010			993.4782				365.5812					0.00	0.01	0.00
04/30/2010			974.8968				450.0818					0.07	0.09	0.00
05/01/2010			989.4389				450.0887					0.04	0.04	0.00
05/02/2010			959.5727				450.0152					0.00	0.01	0.00
05/03/2010			952.7305				450.0481					0.00	0.00	0.00
05/04/2010			939.8178				450.0285					0.00	0.05	0.00
05/05/2010			985.3217				377.4628					0.00	0.00	0.00
05/06/2010			942.9027				450.0418					0.00	0.00	0.00
05/07/2010			944.1876				450.0798					0.00	0.00	0.00
05/08/2010			985.7724				450.0061					0.00	0.00	0.00
05/09/2010			997.8309				450.0192					0.13	0.19	0.00
05/10/2010			1008.9813				450.0269					0.09	0.11	0.02
05/11/2010			1011.5872				449.8737					0.28	0.42	0.16
05/12/2010			965.9256				333.1202					0.01	0.05	0.04
05/13/2010			954.0159				450.0492					0.00	0.01	0.00
05/14/2010			952.2803				450.0589					0.00	0.00	0.00
05/15/2010			964.0013				453.9149					0.00	0.00	0.00
05/16/2010			972.5344				450.0202					0.00	0.00	0.00
05/17/2010			1003.2611				450.0517					0.00	0.00	0.00
05/18/2010			994.5112				262.9749					0.02	0.01	0.00
05/19/2010			984.0725				436.9311					0.00	0.00	0.00
05/20/2010			998.9296				377.6803					0.00	0.00	0.00
05/21/2010			1041.4235				450.0185					0.00	0.00	0.00
05/22/2010			1036.5010				450.0543					0.01	0.03	0.00
05/23/2010			1043.0902				450.0462					0.00	0.00	0.00
05/24/2010			1016.4598				450.0826					0.00	0.00	0.00
05/25/2010			1011.1113				450.0319					0.00	0.00	0.00
05/26/2010			1031.3582				450.0214					0.03	0.03	0.05
05/27/2010			1037.6933				449.9955					0.00	0.00	0.20
05/28/2010			1021.9527				449.9877					0.08	0.08	0.22
05/29/2010			987.1246				450.0343					0.00	0.00	0.00
05/30/2010			1002.1981				449.9836					0.00	0.00	0.00
05/31/2010			1026.4664				374.3396					0.03	0.12	0.04
06/01/2010			1029.4964				450.0303					0.07	0.05	0.10
06/02/2010			1033.3295				450.0313					0.00	0.00	0.00
06/03/2010			1043.1693				450.0941					0.00	0.02	0.00
06/04/2010			1047.5181				450.0485					0.00	0.00	0.00
06/05/2010			1037.7603				382.0286					0.01	0.01	0.00
06/06/2010			1055.2339				450.0762					0.00	0.00	0.00
06/07/2010			1069.3275				315.7807					0.00	0.00	0.00
06/08/2010			1073.8046				449.9700					0.00	0.00	0.00
06/09/2010			1106.4531				377.6726					0.00	0.00	0.00
06/10/2010			1111.3960				383.5508					0.00	0.00	0.00
06/11/2010			1100.0827				383.7278					0.00	0.00	0.00
06/12/2010			1097.9982				449.9994					0.02	0.04	0.00
06/13/2010			1096.0570				449.9907					0.00	0.00	0.00
06/14/2010			1115.8691				449.9529					0.00	0.00	0.00
06/15/2010			1164.5819				449.7569					0.00	0.00	0.00
06/16/2010			1158.4073				450.0499					0.01	0.03	0.00
06/17/2010			1131.9363				450.0588					0.00	0.00	0.00
06/18/2010			1155.7203				450.0306					0.00	0.00	0.00
06/19/2010			1166.3918				450.0945					0.00	0.00	0.00
06/20/2010			1166.7833				450.0920					0.00	0.00	0.00
06/21/2010			1158.1246				450.0718					0.00	0.00	0.00
06/22/2010			1152.6191				449.9714					0.00	0.00	0.00
06/23/2010			1162.8618				450.0017					0.00	0.00	0.00
06/24/2010			1190.1964				334.3521					0.00	0.00	0.00
06/25/2010			1190.0042				449.9538					0.00	0.00	0.00
06/26/2010			1180.3690				394.6326					0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
06/27/2010			1186.1417				450.0022					0.00	0.00	0.00
06/28/2010			1197.3102				445.5870					0.00	0.00	0.00
06/29/2010			1212.3592				449.9857					0.00	0.00	0.00
06/30/2010			1220.0528				450.0035					0.00	0.00	0.00
07/01/2010			1221.1884				450.0206					0.00	0.00	0.00
07/02/2010			1232.8835				450.0244					0.00	0.00	0.00
07/03/2010			1211.0991				450.0709					0.00	0.00	0.00
07/04/2010			1198.2216				450.0103					0.00	0.00	0.00
07/05/2010			1212.9515				450.0553					0.00	0.00	0.00
07/06/2010			1207.4016				450.0477					0.00	0.00	0.00
07/07/2010			1210.8091				450.0254					0.00	0.00	0.00
07/08/2010			1214.3445				450.1153					0.00	0.00	0.00
07/09/2010			1209.0919				450.0329					0.03	0.03	0.00
07/10/2010			1225.7507				449.9755					0.00	0.00	0.00
07/11/2010			1234.7580				450.0782					0.00	0.00	0.00
07/12/2010			1246.8352				304.5732					0.00	0.00	0.00
07/13/2010			1246.4706				301.9165					0.00	0.00	0.00
07/14/2010			1213.7725				450.1639					0.00	0.00	0.00
07/15/2010			1206.4782				450.0669					0.00	0.00	0.00
07/16/2010			1220.2527									0.00	0.00	0.00
07/17/2010			1222.6963									0.00	0.00	0.00
07/18/2010			1236.6171									0.00	0.00	0.00
07/19/2010			1240.9708									0.00	0.00	0.00
07/20/2010			1249.5823									0.00	0.00	0.00
07/21/2010			1262.8870									0.00	0.00	0.00
07/22/2010			1240.1064									0.00	0.00	0.00
07/23/2010			1232.0037									0.00	0.00	0.00
07/24/2010			1227.0405									0.00	0.00	0.00
07/25/2010			1239.9538									0.00	0.00	0.00
07/26/2010			1241.6113									0.02	0.02	0.04
07/27/2010			1234.5497									0.11	0.11	0.19
07/28/2010			1224.0853									0.28	0.28	0.00
07/29/2010			1223.2758									0.03	0.03	0.00
07/30/2010			1239.4933									0.00	0.00	0.00
07/31/2010			1254.5502									0.04	0.04	0.00
08/01/2010			1249.9599									0.00	0.00	0.00
08/02/2010			1243.0288									0.00	0.00	0.00
08/03/2010			1239.4313									0.00	0.00	0.00
08/04/2010			1244.3287									0.00	0.00	0.00
08/05/2010			1249.1707									0.03	0.02	0.00
08/06/2010			1262.2277									0.00	0.01	0.00
08/07/2010			1265.0931									0.00	0.00	0.00
08/08/2010			1256.2380									0.00	0.00	0.00
08/09/2010			1258.4284									0.00	0.00	0.01
08/10/2010			1264.8195									0.00	0.00	0.00
08/11/2010			1267.8824									0.00	0.00	0.00
08/12/2010			1258.2821									0.00	0.00	0.00
08/13/2010			1265.1168									0.00	0.00	0.00
08/14/2010			1246.4289									0.00	0.00	0.00
08/15/2010			1249.1407									0.00	0.00	0.00
08/16/2010			1250.1942									0.00	0.00	0.00
08/17/2010			1253.5512									0.00	0.00	0.00
08/18/2010			1252.5024									0.00	0.00	0.00
08/19/2010			1253.9368									0.00	0.00	0.00
08/20/2010			1271.3727									0.00	0.00	0.00
08/21/2010			1274.0999									0.01	0.01	0.00
08/22/2010			1334.2929									0.00	0.00	0.00
08/23/2010			1309.3952									0.00	0.00	0.00
08/24/2010			1273.3699									0.00	0.00	0.00
08/25/2010			1276.2878									0.00	0.00	0.00
08/26/2010			1279.3214									0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
08/27/2010			1287.5201									0.01	0.01	0.00
08/28/2010			1352.9007									0.01	0.01	0.00
08/29/2010			1353.0570									0.01	0.01	0.00
08/30/2010			1346.7797									0.01	0.01	0.00
08/31/2010			1334.8086									0.00	0.00	0.00
09/01/2010			1295.7404									0.00	0.00	0.00
09/02/2010			1273.9704									0.00	0.00	0.00
09/03/2010			1275.7122									0.00	0.00	0.00
09/04/2010			1289.2918									0.00	0.00	0.00
09/05/2010			1319.1139									0.00	0.00	0.00
09/06/2010			1339.8204									0.00	0.00	0.00
09/07/2010			1389.4846									0.00	0.00	0.00
09/08/2010			1376.0721									0.00	0.00	0.40
09/09/2010			1400.9300									0.40	0.40	0.59
09/10/2010			1398.4196									0.01	0.01	0.00
09/11/2010			1380.3056									0.00	0.00	0.00
09/12/2010			1360.7400									0.00	0.00	0.00
09/13/2010			1352.1522									0.00	0.00	0.00
09/14/2010			1308.9980									0.00	0.00	0.00
09/15/2010			1192.9730									0.00	0.00	0.00
09/16/2010			1196.4699									0.00	0.00	0.00
09/17/2010			1211.5180									0.00	0.00	0.00
09/18/2010			1205.1593									0.00	0.00	0.00
09/19/2010			1222.2267									0.00	0.00	0.00
09/20/2010			1207.7340									0.00	0.00	0.00
09/21/2010			1227.3793									0.00	0.00	0.00
09/22/2010			1231.0204									0.00	0.00	0.00
09/23/2010			1180.0704									0.00	0.00	0.00
09/24/2010			1155.0183									0.00	0.00	0.00
09/25/2010			1154.1731									0.00	0.00	0.00
09/26/2010			1172.5109									0.00	0.00	0.00
09/27/2010			1170.4939									0.00	0.00	0.00
09/28/2010			1178.7256									0.00	0.00	0.00
09/29/2010			1183.3752									0.00	0.00	0.00
09/30/2010			1187.1267									0.00	0.00	0.00
10/01/2010			1175.8892									0.00	0.00	0.00
10/02/2010			1182.5949									0.00	0.00	0.00
10/03/2010			1194.1422									0.01	0.00	0.00
10/04/2010			1200.7954									0.19	0.20	0.04
10/05/2010			1180.2840									0.01	0.00	0.05
10/06/2010			1175.9907									0.01	0.00	0.01
10/07/2010			1180.3649									0.10	0.12	0.02
10/08/2010			1162.2177									0.04	0.05	0.01
10/09/2010			1145.6492									0.00	0.00	0.00
10/10/2010			1165.8366									0.00	0.00	0.00
10/11/2010			1165.0568									0.05	0.08	0.00
10/12/2010			1150.8938									0.00	0.00	0.00
10/13/2010			1143.4451									0.00	0.00	0.00
10/14/2010			1161.5311									0.00	0.00	0.00
10/15/2010			1173.7774									0.00	0.00	0.00
10/16/2010			1176.2686									0.00	0.00	0.00
10/17/2010			1179.1009									0.00	0.00	0.00
10/18/2010			1171.5255									0.00	0.00	0.00
10/19/2010			1170.7511									0.00	0.00	0.00
10/20/2010			1208.5017									0.00	0.00	0.00
10/21/2010			1229.8182									0.00	0.00	0.00
10/22/2010			1200.1557									0.00	0.00	0.00
10/23/2010			1214.0169									0.03	0.05	0.06
10/24/2010			1255.3311									1.87	1.97	1.63
10/25/2010			1298.3687									0.15	0.01	0.04
10/26/2010			1338.1623									0.03	0.40	0.01

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
10/27/2010			1320.5266									0.01	0.00	0.00
10/28/2010			1309.8990									0.00	0.00	0.00
10/29/2010			1302.6069									0.00	0.00	0.00
10/30/2010			1300.0003									0.00	0.00	0.00
10/31/2010			1231.2325									0.00	0.00	0.00
11/01/2010			1211.8847									0.00	0.00	0.00
11/02/2010			1218.1131									0.00	0.00	0.00
11/03/2010			1286.5236									0.00	0.00	0.00
11/04/2010			1352.5263									0.00	0.00	0.00
11/05/2010			1351.5805									0.00	0.00	0.00
11/06/2010			1318.9037									0.00	0.00	0.00
11/07/2010			1340.2483									0.09	0.42	0.26
11/08/2010			1380.0139									0.11	0.00	0.18
11/09/2010			1411.4278									0.00	0.00	0.07
11/10/2010			1420.8824									0.11	0.15	0.10
11/11/2010			1376.8206									0.00	0.00	0.00
11/12/2010			1364.1472									0.00	0.00	0.00
11/13/2010			1382.0524									0.00	0.00	0.00
11/14/2010			1401.0703									0.07	0.09	0.01
11/15/2010			1371.3426									0.01	0.00	0.00
11/16/2010			1367.0895									0.00	0.00	0.00
11/17/2010			1244.4142									0.00	0.00	0.00
11/18/2010			1142.3704									0.00	0.00	0.00
11/19/2010			1165.5609									0.00	0.00	0.00
11/20/2010			1173.2797									0.06	0.12	0.07
11/21/2010			1171.8618									0.24	0.34	0.19
11/22/2010			1138.0749									0.12	0.12	0.13
11/23/2010			1158.1748									0.12	0.00	0.14
11/24/2010			1092.0634									0.00	0.09	0.00
11/25/2010			1050.6537									0.00	0.01	0.00
11/26/2010			1064.2552									0.00	0.00	0.00
11/27/2010			1136.8900									0.02	0.02	0.16
11/28/2010			1137.1185									0.02	0.02	0.09
11/29/2010			1045.5936									0.00	0.05	0.00
11/30/2010			1040.2102									0.05	0.00	0.15
12/01/2010			1071.7196									0.02	0.02	0.01
12/02/2010			1092.0397									0.00	0.00	0.00
12/03/2010			1083.7059									0.00	0.00	0.03
12/04/2010			1074.7638									0.04	0.05	0.04
12/05/2010			1067.2117									0.00	0.00	0.00
12/06/2010			1072.4900									0.06	0.13	0.17
12/07/2010			1053.8919									0.00	0.00	0.00
12/08/2010			1082.6479									0.00	0.00	0.03
12/09/2010			1080.7830									0.00	0.00	0.00
12/10/2010			1064.9402									0.12	0.16	0.07
12/11/2010			1047.5302									0.00	0.01	0.00
12/12/2010			1048.1409									0.00	0.00	0.00
12/13/2010			1071.2092									0.00	0.00	0.00
12/14/2010			1121.8129									0.15	0.29	0.16
12/15/2010			1090.5839									0.02	0.00	0.08
12/16/2010			1077.4928									0.00	0.01	0.00
12/17/2010			1087.9125									0.05	0.03	0.21
12/18/2010			1111.0631									0.27	0.58	0.14
12/19/2010			1141.5980									0.59	0.49	0.23
12/20/2010			1100.4364									0.26	0.45	0.04
12/21/2010			1071.1377									0.05	0.00	0.01
12/22/2010			1075.1431									0.13	0.00	0.13
12/23/2010			1039.9560									0.00	0.00	0.00
12/24/2010			1025.1384									0.00	0.00	0.00
12/25/2010			1049.7452									0.01	0.01	0.00
12/26/2010			1061.8020									0.13	0.17	0.07

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
12/27/2010			1040.9920									0.00	0.00	0.00
12/28/2010			1085.2644									0.39	0.53	0.28
12/29/2010			1166.3786									0.30	0.14	0.36
12/30/2010			1119.1546									0.00	0.01	0.02
12/31/2010			1060.4221								1089.50	0.00	0.02	0.00
01/01/2011			1030.9510									0.00	0.00	0.00
01/02/2011			1040.5426									0.00	0.00	0.00
01/03/2011			1046.5974									0.00	0.00	0.00
01/04/2011			1027.6035									0.00	0.00	0.00
01/05/2011			1013.0311									0.00	0.00	0.00
01/06/2011			1019.1379									0.00	0.00	0.00
01/07/2011			1052.8767									0.00	0.00	0.00
01/08/2011			1082.6917									0.03	0.03	0.00
01/09/2011			1041.5721									0.00	0.00	0.00
01/10/2011			958.6228									0.00	0.00	0.00
01/11/2011			892.1185									0.00	0.00	0.00
01/12/2011			721.9426									0.00	0.00	0.00
01/13/2011			768.4309									0.03	0.07	0.12
01/14/2011			845.5548									0.01	0.00	0.00
01/15/2011			899.9522									0.00	0.01	0.02
01/16/2011			952.5047									0.01	0.03	0.04
01/17/2011			966.8956									0.01	0.01	0.00
01/18/2011			975.5543									0.00	0.00	0.00
01/19/2011			974.1748									0.01	0.01	0.01
01/20/2011			949.0688									0.00	0.00	0.00
01/21/2011			980.1858									0.00	0.00	0.00
01/22/2011			987.3583									0.00	0.00	0.00
01/23/2011			979.0155									0.00	0.00	0.00
01/24/2011			986.6910									0.00	0.00	0.00
01/25/2011			990.1706									0.00	0.00	0.00
01/26/2011			967.6284									0.00	0.00	0.00
01/27/2011			974.9613									0.00	0.00	0.00
01/28/2011			1012.6353									0.00	0.00	0.00
01/29/2011			1031.8223									0.00	0.00	0.00
01/30/2011			1038.6866									0.00	0.00	0.00
01/31/2011			1015.1559									0.00	0.00	0.00
02/01/2011			988.6784									0.00	0.00	0.00
02/02/2011			975.1212									0.00	0.00	0.00
02/03/2011			970.4753									0.00	0.00	0.00
02/04/2011			993.3886									0.00	0.00	0.00
02/05/2011			1019.3357									0.00	0.00	0.00
02/06/2011			1000.5692									0.00	0.01	0.00
02/07/2011			1035.7368									0.00	0.03	0.00
02/08/2011			1022.0741									0.02	0.01	0.02
02/09/2011			991.9882									0.00	0.01	0.00
02/10/2011			1003.0036									0.00	0.00	0.00
02/11/2011			986.3300									0.00	0.00	0.00
02/12/2011			997.8432									0.00	0.00	0.00
02/13/2011			1020.0475									0.00	0.00	0.00
02/14/2011			1038.0654									0.00	0.00	0.00
02/15/2011			1049.2626									0.00	0.00	0.00
02/16/2011			1087.1373									0.19	0.31	0.03
02/17/2011			1038.3515									0.03	0.01	0.00
02/18/2011			1038.1288									0.00	0.00	0.00
02/19/2011			1060.9109									0.03	0.04	0.11
02/20/2011			1027.6292									0.01	0.03	0.00
02/21/2011			1016.6321									0.00	0.00	0.00
02/22/2011			1024.6285									0.00	0.00	0.00
02/23/2011			1021.4101									0.00	0.00	0.00
02/24/2011			1026.0347									0.00	0.00	0.00
02/25/2011			1051.0289									0.27	0.38	0.21

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
02/26/2011			1038.3543									0.01	0.02	0.00
02/27/2011			1010.1189									0.00	0.00	0.00
02/28/2011			982.6947									0.00	0.00	0.00
03/01/2011			981.1115									0.00	0.00	0.00
03/02/2011			1001.6915									0.09	0.09	0.03
03/03/2011			986.7617									0.06	0.09	0.21
03/04/2011			957.9206									0.01	0.01	0.00
03/05/2011			991.1694									0.00	0.00	0.00
03/06/2011			1029.4591									0.11	0.18	0.23
03/07/2011			1049.1980									0.15	0.22	0.24
03/08/2011			979.8037									0.00	0.00	0.00
03/09/2011			955.7391									0.00	0.00	0.00
03/10/2011			1000.6839									0.00	0.00	0.00
03/11/2011			1001.9367									0.00	0.00	0.00
03/12/2011			1001.9729									0.00	0.00	0.00
03/13/2011			979.0661									0.00	0.00	0.00
03/14/2011			985.0823									0.01	0.04	0.04
03/15/2011			1005.6408									0.00	0.00	0.00
03/16/2011			1022.1710									0.33	0.38	0.06
03/17/2011			993.1356									0.00	0.00	0.00
03/18/2011			1020.7408									0.00	0.00	0.00
03/19/2011			1036.8001									0.00	0.02	0.00
03/20/2011			1039.8353									0.00	0.00	0.00
03/21/2011			1052.2528									0.11	0.15	0.07
03/22/2011			999.6120									0.00	0.01	0.00
03/23/2011			1011.8909									0.00	0.00	0.00
03/24/2011			1033.4965									0.01	0.02	0.07
03/25/2011			1018.0606									0.04	0.11	0.09
03/26/2011			1026.4457									0.32	0.38	0.18
03/27/2011			1019.6502									0.05	0.09	0.02
03/28/2011			987.3356									0.05	0.07	0.01
03/29/2011			976.1895									0.00	0.00	0.00
03/30/2011			970.4787									0.00	0.00	0.00
03/31/2011			982.5624									0.00	0.00	0.00
04/01/2011			1011.8111									0.00	0.00	0.00
04/02/2011			1044.7560									0.35	0.31	0.07
04/03/2011			997.0013									0.00	0.01	0.00
04/04/2011			988.6195									0.00	0.00	0.00
04/05/2011			1033.9703									0.08	0.05	0.00
04/06/2011			1043.9465									0.00	0.00	0.00
04/07/2011			1076.5449									0.00	0.02	0.04
04/08/2011			1063.9310									0.11	0.12	0.66
04/09/2011			1040.3547									0.04	0.06	0.02
04/10/2011			989.2202									0.00	0.00	0.00
04/11/2011			1003.9369									0.01	0.04	0.00
04/12/2011			1033.5011									0.08	0.09	0.00
04/13/2011			1051.7189									0.06	0.08	0.00
04/14/2011			1001.7009									0.00	0.00	0.00
04/15/2011			1015.1542									0.00	0.00	0.00
04/16/2011			1042.1997									0.00	0.00	0.00
04/17/2011			1068.7484									0.16	0.41	0.04
04/18/2011			1080.9303									0.47	0.51	0.29
04/19/2011			1058.9828									0.00	0.01	0.00
04/20/2011			1077.7494									0.01	0.01	0.00
04/21/2011			1086.6826									0.07	0.08	0.03
04/22/2011			1071.1818									0.00	0.00	0.00
04/23/2011			1100.1428									0.01	0.02	0.00
04/24/2011			1119.9559									0.06	0.09	0.36
04/25/2011			1121.2489									0.21	0.26	0.01
04/26/2011			1103.6835									0.01	0.02	0.01
04/27/2011			1090.9229									0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
04/28/2011			1138.9367									0.00	0.00	0.02
04/29/2011			1120.8447									0.03	0.10	0.00
04/30/2011			1099.3182									0.00	0.01	0.00
05/01/2011			1095.8527									0.00	0.00	0.00
05/02/2011			1108.0920									0.00	0.00	0.00
05/03/2011			1129.3374									0.00	0.00	0.00
05/04/2011			1113.0478									0.00	0.00	0.00
05/05/2011			1157.5173									0.00	0.00	0.00
05/06/2011			1186.8234									0.00	0.00	0.00
05/07/2011			1213.9335									0.00	0.00	0.00
05/08/2011			1234.6776									0.22	0.37	0.08
05/09/2011			1236.2145									0.00	0.01	0.01
05/10/2011			1223.4627									0.18	0.23	0.15
05/11/2011			1218.9134									0.01	0.00	0.00
05/12/2011			1203.1077									0.00	0.00	0.00
05/13/2011			1224.9731									0.01	0.00	0.00
05/14/2011			1279.2707									0.17	0.17	0.01
05/15/2011			1309.2665									0.01	0.01	0.08
05/16/2011			1289.1953									0.02	0.01	0.00
05/17/2011			1332.1463									0.32	0.37	0.00
05/18/2011			1359.6604									0.37	0.48	0.19
05/19/2011			1336.9144									0.03	0.03	0.17
05/20/2011			1316.1986									0.00	0.00	0.00
05/21/2011			1329.1887									0.06	0.07	0.01
05/22/2011			1352.2958									0.24	0.23	0.17
05/23/2011			1373.5380									0.27	0.45	0.88
05/24/2011			1360.7990									0.01	0.01	0.00
05/25/2011			1387.1896									0.00	0.00	0.00
05/26/2011			1393.6459									0.00	0.00	0.00
05/27/2011			1419.4447									0.00	0.00	0.00
05/28/2011			1461.7762									0.02	0.02	0.02
05/29/2011			1484.9750									0.00	0.01	0.02
05/30/2011			1447.5162									0.03	0.04	0.00
05/31/2011			1454.6436									0.00	0.00	0.00
06/01/2011			1491.9345									0.00	0.00	0.00
06/02/2011			1478.9239									0.00	0.00	0.06
06/03/2011			1481.0481									0.00	0.00	0.00
06/04/2011			1497.8870									0.00	0.00	0.00
06/05/2011			1524.9325									0.00	0.00	0.00
06/06/2011			1555.9111									0.00	0.00	0.40
06/07/2011			1546.0699									0.00	0.00	0.00
06/08/2011			1563.9600									0.00	0.00	0.00
06/09/2011			1555.9416									0.00	0.01	0.00
06/10/2011			1582.8244									0.00	0.00	0.00
06/11/2011			1611.3511									0.02	0.02	0.00
06/12/2011			1616.2276									0.03	0.03	0.00
06/13/2011			1616.0465									0.00	0.00	0.00
06/14/2011			1613.4980									0.00	0.00	0.00
06/15/2011			1659.8554									0.00	0.00	0.00
06/16/2011			1675.9388									0.05	0.07	0.00
06/17/2011			1676.8506									0.00	0.00	0.00
06/18/2011			1701.4445									0.22	0.32	0.18
06/19/2011			1709.6396									0.10	0.16	0.01
06/20/2011			1707.1277									0.00	0.00	0.00
06/21/2011			1715.3818									0.00	0.00	0.00
06/22/2011			1736.8200									0.00	0.00	0.00
06/23/2011			1763.0256									0.00	0.00	0.00
06/24/2011			1774.7034									0.00	0.00	0.00
06/25/2011			1788.0834									0.00	0.00	0.00
06/26/2011			1786.0446									0.00	0.00	0.00
06/27/2011			1803.1269									0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
06/28/2011			1833.0016									0.00	0.00	0.00
06/29/2011			1841.4680									0.00	0.00	0.00
06/30/2011			1818.9906									0.00	0.00	0.00
07/01/2011			1818.8451									0.00	0.00	0.00
07/02/2011			1843.8154									0.00	0.00	0.00
07/03/2011			1858.2291									0.00	0.00	0.00
07/04/2011			1857.1172									0.00	0.00	0.00
07/05/2011			1862.6215									0.00	0.00	0.00
07/06/2011			1872.9641									0.36	0.39	0.00
07/07/2011			1895.4900									0.03	0.03	0.00
07/08/2011			1905.5095									0.01	0.00	0.00
07/09/2011			1919.6019									0.00	0.00	0.00
07/10/2011			1927.7582									0.00	0.00	0.00
07/11/2011			1933.3081									0.01	0.02	0.00
07/12/2011			1943.4047									0.00	0.00	0.00
07/13/2011			1959.8325									0.00	0.00	0.00
07/14/2011			1961.4093									0.00	0.00	0.00
07/15/2011			1969.3268									0.00	0.00	0.00
07/16/2011			1964.6348									0.00	0.00	0.00
07/17/2011			1960.4057									0.00	0.00	0.00
07/18/2011			1961.6464									0.00	0.00	0.00
07/19/2011			1970.4309									0.00	0.00	0.00
07/20/2011			1970.3029									0.00	0.00	0.00
07/21/2011			1991.8442									0.00	0.00	0.00
07/22/2011			1996.1814									0.00	0.00	0.00
07/23/2011			1972.9214									0.00	0.00	0.00
07/24/2011			1973.7128									0.00	0.00	0.00
07/25/2011			1997.8791									0.00	0.00	0.00
07/26/2011			2006.9528									0.00	0.00	0.00
07/27/2011			1992.6798									0.00	0.00	0.00
07/28/2011			1985.0799									0.00	0.00	0.00
07/29/2011			1990.4627									0.00	0.00	0.00
07/30/2011			1992.8072									0.00	0.00	0.00
07/31/2011			2002.4837									0.17	0.44	0.10
08/01/2011			2005.6612									0.18	0.00	0.01
08/02/2011			2006.7800									0.05	0.08	0.06
08/03/2011			2016.0794									0.01	0.01	0.00
08/04/2011			2022.8225									0.08	0.08	0.04
08/05/2011			2016.9949									0.00	0.00	0.00
08/06/2011			2018.3271									0.00	0.00	0.00
08/07/2011			2018.0918									0.00	0.00	0.00
08/08/2011			2018.2378									0.00	0.00	0.00
08/09/2011			2021.6215									0.00	0.00	0.00
08/10/2011			2022.4660									0.00	0.00	0.00
08/11/2011			2013.2237									0.00	0.00	0.00
08/12/2011			2004.8774									0.00	0.00	0.00
08/13/2011			2012.0786									0.00	0.00	0.00
08/14/2011			2016.1958									0.03	0.02	0.00
08/15/2011			2018.4080									0.01	0.00	0.00
08/16/2011			2004.9808									0.00	0.00	0.00
08/17/2011			2008.0423									0.00	0.00	0.00
08/18/2011			2013.3869									0.00	0.00	0.00
08/19/2011			2026.7071									0.00	0.00	0.00
08/20/2011			2025.2569									0.00	0.00	0.00
08/21/2011			2010.5993									0.00	0.00	0.00
08/22/2011			2008.5273									0.00	0.00	0.00
08/23/2011			2001.0312									0.00	0.00	0.00
08/24/2011			2005.3139									0.00	0.00	0.00
08/25/2011			2012.0522									0.00	0.00	0.00
08/26/2011			2001.9133									0.00	0.00	0.00
08/27/2011			1995.0776									0.01	0.06	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
08/28/2011			2001.2727									0.18	0.11	0.00
08/29/2011			2012.2066									0.00	0.00	0.00
08/30/2011			2021.1487									0.00	0.00	0.00
08/31/2011			2024.7849									0.00	0.00	0.00
09/01/2011			1987.9114									0.00	0.00	0.00
09/02/2011			1972.8098									0.00	0.00	0.00
09/03/2011			1972.6427									0.00	0.00	0.00
09/04/2011			1972.6256									0.00	0.00	0.00
09/05/2011			1973.8679									0.09	0.12	0.00
09/06/2011			1954.5290									0.00	0.01	0.00
09/07/2011			1949.9738									0.00	0.00	0.00
09/08/2011			1956.8233									0.00	0.00	0.00
09/09/2011			1973.2906									0.00	0.00	0.00
09/10/2011			1976.2444									0.00	0.00	0.00
09/11/2011			1969.1876									0.02	0.00	0.00
09/12/2011			1947.2022									0.00	0.10	0.00
09/13/2011			1954.2322									0.00	0.00	0.00
09/14/2011			1974.6502									0.15	0.02	0.00
09/15/2011			1982.8400									0.00	0.00	0.00
09/16/2011			1967.6560									0.15	0.20	0.38
09/17/2011			1945.2881									0.01	0.01	0.00
09/18/2011			1930.2491									0.00	0.00	0.00
09/19/2011			1936.3015									0.00	0.00	0.00
09/20/2011			1936.5478									0.00	0.00	0.00
09/21/2011			1929.9865									0.00	0.00	0.00
09/22/2011			1916.4726									0.00	0.00	0.00
09/23/2011			1913.2155									0.00	0.00	0.00
09/24/2011			1933.1725									0.00	0.00	0.00
09/25/2011			1942.5272									0.00	0.00	0.00
09/26/2011			1914.1214									0.00	0.00	0.00
09/27/2011			1901.1131									0.00	0.00	0.00
09/28/2011			1899.1674									0.00	0.00	0.00
09/29/2011			1898.0359									0.00	0.00	0.00
09/30/2011			1913.0428									0.00	0.00	0.00
10/01/2011			1911.3585									0.10	0.06	0.00
10/02/2011			1906.0861									0.00	0.00	0.00
10/03/2011			1913.5344									0.05	0.21	0.00
10/04/2011			1923.1549									0.15	0.23	0.10
10/05/2011			1952.5033									0.78	0.89	0.34
10/06/2011			1918.8084									0.01	0.00	0.06
10/07/2011			1879.2642									0.00	0.01	0.01
10/08/2011			1857.9652									0.00	0.00	0.00
10/09/2011			1870.3645									0.00	0.00	0.00
10/10/2011			1882.5949									0.00	0.02	0.05
10/11/2011			1873.2738									0.00	0.01	0.00
10/12/2011			1843.1850									0.00	0.00	0.00
10/13/2011			1857.0561									0.00	0.00	0.00
10/14/2011			1860.4356									0.00	0.00	0.00
10/15/2011			1859.8517									0.00	0.00	0.00
10/16/2011			1845.1338									0.07	0.09	0.03
10/17/2011			1811.4963									0.00	0.07	0.00
10/18/2011			1818.5605									0.00	0.00	0.00
10/19/2011			1856.0764									0.00	0.00	0.00
10/20/2011			1835.4755									0.00	0.00	0.00
10/21/2011			1823.8378									0.00	0.00	0.00
10/22/2011			1811.8911									0.00	0.00	0.00
10/23/2011			1826.8228									0.00	0.00	0.00
10/24/2011			1847.0062									0.00	0.00	0.00
10/25/2011			1824.1482									0.00	0.00	0.00
10/26/2011			1807.4365									0.00	0.00	0.00
10/27/2011			1814.8670									0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
10/28/2011			1804.7118									0.00	0.00	0.00
10/29/2011			1807.8911									0.00	0.00	0.00
10/30/2011			1798.7125									0.00	0.00	0.00
10/31/2011			1818.7159									0.00	0.00	0.00
11/01/2011			1802.5819									0.00	0.00	0.13
11/02/2011			1776.3140									0.00	0.00	0.00
11/03/2011			1834.0742									0.00	0.01	0.00
11/04/2011			1864.0370									0.00	0.01	0.06
11/05/2011			1831.5257									0.00	0.00	0.00
11/06/2011			1806.6132									0.00	0.00	0.06
11/07/2011			1778.1812									0.00	0.00	0.00
11/08/2011			1749.7898									0.00	0.00	0.00
11/09/2011			1734.5253									0.00	0.00	0.00
11/10/2011			1758.8175									0.00	0.00	0.00
11/11/2011			1803.7995									0.00	0.00	0.00
11/12/2011			1818.2072									0.06	0.11	0.00
11/13/2011			1798.3295									0.02	0.03	0.05
11/14/2011			1792.0342									0.00	0.00	0.00
11/15/2011			1760.4397									0.00	0.00	0.00
11/16/2011			1739.9944									0.00	0.00	0.00
11/17/2011			1778.9118									0.00	0.00	0.00
11/18/2011			1814.1186									0.05	0.10	0.09
11/19/2011			1773.5804									0.01	0.00	0.00
11/20/2011			1760.7503									0.00	0.00	0.00
11/21/2011			1739.6493									0.00	0.01	0.00
11/22/2011			1723.2932									0.00	0.00	0.00
11/23/2011			1746.6035									0.00	0.00	0.00
11/24/2011			1754.9470									0.00	0.00	0.00
11/25/2011			1712.0672									0.00	0.00	0.00
11/26/2011			1663.6823									0.00	0.00	0.00
11/27/2011			1687.5375									0.00	0.00	0.00
11/28/2011			1703.8181									0.00	0.00	0.00
11/29/2011			1704.0639									0.00	0.00	0.00
11/30/2011			1732.4645									0.01	0.03	0.00
12/01/2011			1707.1041									0.00	0.00	0.00
12/02/2011			1739.8640									0.00	0.00	0.00
12/03/2011			1714.5365									0.00	0.00	0.00
12/04/2011			1709.8923									0.04	0.07	0.00
12/05/2011			1689.7863									0.00	0.00	0.00
12/06/2011			1676.2247									0.00	0.00	0.00
12/07/2011			1687.1003									0.00	0.00	0.00
12/08/2011			1690.1541									0.00	0.00	0.00
12/09/2011			1672.5797									0.00	0.00	0.00
12/10/2011			1692.7534									0.00	0.00	0.00
12/11/2011			1726.3229									0.00	0.00	0.00
12/12/2011			1721.9788									0.00	0.00	0.00
12/13/2011			1707.5051									0.00	0.00	0.00
12/14/2011			1673.2054									0.00	0.00	0.00
12/15/2011			1662.2378									0.00	0.00	0.00
12/16/2011			1631.9567									0.00	0.00	0.00
12/17/2011			1640.2815									0.00	0.00	0.00
12/18/2011			1681.1310									0.00	0.00	0.00
12/19/2011			1671.5487									0.00	0.05	0.00
12/20/2011			1667.2984									0.00	0.00	0.00
12/21/2011			1666.6423									0.00	0.00	0.00
12/22/2011			1624.9854									0.00	0.00	0.00
12/23/2011			1603.7831									0.00	0.00	0.00
12/24/2011			1598.9384									0.00	0.00	0.00
12/25/2011			1625.9348									0.00	0.00	0.00
12/26/2011			1640.9801									0.00	0.00	0.00
12/27/2011			1633.6418									0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
12/28/2011			1636.6964									0.00	0.00	0.00
12/29/2011			1647.8857									0.00	0.00	0.00
12/30/2011			1667.1206									0.01	0.02	0.00
12/31/2011			1604.3040								1519.34	0.00	0.00	0.00
01/01/2012			1579.3027									0.00	0.00	0.00
01/02/2012			1598.9116									0.00	0.00	0.00
01/03/2012			1601.6260									0.00	0.00	0.00
01/04/2012			1577.7939									0.00	0.00	0.00
01/05/2012			1614.8406									0.00	0.00	0.00
01/06/2012			1634.2570									0.00	0.03	0.00
01/07/2012			1617.8842									0.01	0.00	0.01
01/08/2012			1586.7741									0.00	0.00	0.00
01/09/2012			1587.8488									0.00	0.01	0.00
01/10/2012			1614.3687									0.00	0.00	0.00
01/11/2012			1584.7351									0.00	0.00	0.00
01/12/2012			1586.7498									0.00	0.00	0.00
01/13/2012			1579.9242									0.00	0.00	0.00
01/14/2012			1605.8210									0.00	0.00	0.00
01/15/2012			1651.5098									0.00	0.00	0.00
01/16/2012			1608.4587									0.00	0.00	0.01
01/17/2012			1582.6451									0.00	0.00	0.00
01/18/2012			1593.0729									0.15	0.30	0.01
01/19/2012			1609.9576									0.02	0.02	0.00
01/20/2012			1600.1201									0.01	0.01	0.01
01/21/2012			1640.9039									0.30	0.41	0.47
01/22/2012			1574.5288									0.00	0.00	0.05
01/23/2012			1598.5271									0.27	0.31	0.22
01/24/2012			1532.1576									0.01	0.01	0.02
01/25/2012			1524.3447									0.00	0.00	0.06
01/26/2012			1559.9130									0.18	0.20	0.05
01/27/2012			1519.4753									0.00	0.00	0.00
01/28/2012			1507.9057									0.01	0.00	0.00
01/29/2012			1510.3844									0.00	0.00	0.00
01/30/2012												0.00	0.00	0.00
01/31/2012												0.00	0.00	0.00
02/01/2012	1430	1660	1559.7582	2246052	429	476	450.1284	648185				0.00	0.01	0.00
02/02/2012	1389	1657	1545.8951	2226089	440	458	450.0244	648035			1323.319589	0.00	0.00	0.00
02/03/2012	1378	1631	1532.7585	2207172	444	464	450.0879	648127			721.942581	0.00	0.00	0.00
02/04/2012	1391	1623	1522.8519	2192907	444	464	450.1208	648174				0.00	0.00	0.00
02/05/2012	1395	1619	1532.0033	2206085	431	466	450.0987	648142				0.00	0.00	0.00
02/06/2012	1421	1624	1535.6615	2211353	440	470	450.0292	648042				0.00	0.00	0.00
02/07/2012	1400	1632	1539.1967	2216443	243	478	449.8735	647818				0.00	0.00	0.00
02/08/2012	1366	1592	1513.4072	2179306	436	471	450.0659	648095				0.00	0.00	0.00
02/09/2012	1372	1604	1504.8027	2166916	446	464	449.9696	647956				0.00	0.00	0.00
02/10/2012	1387	1640	1534.4136	2209556	441	466	450.0227	648033				0.00	0.00	0.00
02/11/2012	1407	1650	1563.9832	2252136	445	467	449.9963	647995				0.00	0.00	0.00
02/12/2012	1421	1640	1564.5653	2252974	432	478	449.9887	647984				0.00	0.00	0.00
02/13/2012	1447	1664	1569.4593	2260021	444	464	450.0065	648009				0.00	0.00	0.00
02/14/2012	1395	1640	1554.6601	2238711	411	468	450.0099	648014				0.00	0.01	0.00
02/15/2012	1359	1637	1522.9724	2193080	423	486	450.0293	648042				0.06	0.07	0.17
02/16/2012	1363	1568	1481.0088	2132653	408	487	450.0638	648092				0.00	0.00	0.00
02/17/2012	1364	1579	1497.5782	2156513	409	491	450.1286	648185				0.00	0.00	0.00
02/18/2012	1373	1630	1528.3409	2200811	411	483	450.0668	648096				0.00	0.00	0.07
02/19/2012	1392	1616	1532.2123	2206386	445	459	450.0858	648124				0.00	0.00	0.00
02/20/2012	1378	1600	1511.0030	2175844	437	455	450.0655	648094				0.00	0.00	0.00
02/21/2012	1312	1582	1486.6809	2140821	194	493	449.9602	647943				0.02	0.05	0.00
02/22/2012	1364	1613	1508.7618	2172617	403	502	449.9856	647979				0.01	0.01	0.00
02/23/2012	1361	1563	1484.4310	2137581	406	487	450.0395	648057				0.01	0.00	0.00
02/24/2012	1339	1595	1481.7554	2133728	411	488	450.0244	648035				0.00	0.00	0.00
02/25/2012	1358	1631	1510.3316	2174878	405	490	449.9529	647932				0.04	0.05	0.00
02/26/2012	1359	1605	1495.8350	2154002	409	489	450.0161	648023				0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
02/27/2012	1413	1624	1536.7375	2212902	406	491	450.0016	648002				0.04	0.04	0.00
02/28/2012	1380	1617	1508.2844	2171929	407	488	449.9725	647960				0.00	0.01	0.00
02/29/2012	1373	1605	1513.3951	2179289	408	487	450.0692	648100				0.11	0.18	0.11
03/01/2012	0	1577	1472.0687	2119779	0	491	443.4233	638530				0.09	0.12	0.07
03/02/2012	1306	1522	1442.9237	2077810	411	491	449.8848	647834				0.00	0.01	0.00
03/03/2012	1318	1516	1434.7933	2066102	411	507	450.2659	648383				0.00	0.00	0.00
03/04/2012	1314	1537	1455.2462	2095555	411	488	450.0449	648065				0.00	0.00	0.00
03/05/2012	1369	1599	1502.8396	2164089	410	488	450.0732	648105				0.00	0.00	0.00
03/06/2012	1378	1647	1539.9713	2217559	142	512	450.0023	648003				0.00	0.00	0.01
03/07/2012	1316	1567	1463.1032	2106869	2	535	418.1825	602183				0.00	0.00	0.00
03/08/2012	1297	1487	1411.4858	2032540	408	489	450.0324	648047				0.00	0.00	0.00
03/09/2012	1298	1535	1433.5254	2064277	408	488	450.0722	648104				0.00	0.00	0.00
03/10/2012	1352	1595	1485.4431	2139038	408	491	450.1348	648194				0.00	0.00	0.00
03/11/2012	1375	1584	1507.5902	2170930	405	491	450.0297	648043				0.00	0.00	0.00
03/12/2012	1367	1566	1490.1912	2145875	402	490	449.9857	647979				0.00	0.00	0.00
03/13/2012	1359	1567	1492.2060	2148777	364	489	450.0005	648001				0.00	0.00	0.00
03/14/2012	1326	1547	1456.7224	2097680	410	490	450.0885	648127				0.00	0.00	0.00
03/15/2012	1328	1532	1451.1818	2089702	410	486	450.2063	648297				0.00	0.00	0.00
03/16/2012	1351	1580	1489.7311	2145213	411	489	450.0641	648092				0.00	0.00	0.05
03/17/2012	1383	1628	1533.2538	2207885	409	488	450.1051	648151				0.05	0.08	0.64
03/18/2012	1384	1657	1520.2285	2189129	2	564	393.6432	566846				0.02	0.05	0.16
03/19/2012	1309	1561	1456.4541	2097294	411	490	450.1090	648157				0.01	0.01	0.00
03/20/2012	1288	1497	1414.6207	2037054	411	488	450.0057	648008				0.00	0.00	0.00
03/21/2012	1316	1509	1423.6201	2050013	408	489	450.0490	648071				0.00	0.00	0.00
03/22/2012	1290	1547	1450.0968	2088139	408	490	449.9431	647918				0.00	0.00	0.00
03/23/2012	1326	1534	1453.7483	2093398	410	488	450.0390	648056				0.00	0.00	0.00
03/24/2012	1323	1542	1448.7629	2086219	408	489	450.0463	648067				0.00	0.00	0.00
03/25/2012	1343	1563	1470.9759	2118205	408	490	450.0366	648053				0.00	0.00	0.00
03/26/2012	1312	1575	1454.5792	2094594	407	491	450.0739	648106				0.02	0.04	0.04
03/27/2012	1254	1508	1430.5524	2059995	413	463	450.0988	648142				0.00	0.00	0.00
03/28/2012	1301	1523	1432.5638	2062892	420	488	450.0983	648142				0.01	0.00	0.00
03/29/2012	1305	1495	1420.9484	2046166	414	487	450.0746	648107				0.00	0.00	0.00
03/30/2012	1297	1509	1430.2812	2059605	407	491	450.0484	648070				0.00	0.00	0.00
03/31/2012	1323	1566	1472.1060	2119833	406	491	450.0004	648001				0.00	0.00	0.00
04/01/2012	1288	1536	1430.9120	2060513	408	492	450.1552	648223				0.00	0.00	0.00
04/02/2012	1255	1473	1391.7991	2004191	408	491	449.9944	647992				0.00	0.00	0.00
04/03/2012	1271	1506	1410.3380	2030887	391	492	450.0311	648045				0.00	0.00	0.00
04/04/2012	1315	1535	1442.8292	2077674	405	491	449.9438	647919				0.00	0.00	0.00
04/05/2012	1279	1519	1433.5164	2064264	407	491	450.0065	648009				0.00	0.03	0.00
04/06/2012	1218	1493	1391.0169	2003064	408	495	450.0186	648027				0.03	0.03	0.01
04/07/2012	1221	1468	1367.5536	1969277	407	494	450.0175	648025				0.01	0.00	0.00
04/08/2012	1264	1488	1386.8292	1997034	406	494	450.0237	648034				0.00	0.00	0.00
04/09/2012	1285	1482	1406.2124	2024946	413	488	450.0298	648043				0.00	0.00	0.00
04/10/2012	1304	1523	1430.2907	2059619	358	495	449.9712	647959				0.00	0.00	0.00
04/11/2012	1327	1532	1444.3869	2079917	408	488	449.9993	647999				0.07	0.09	0.09
04/12/2012	1273	1498	1421.0872	2046366	2	493	406.5579	585443				0.09	0.18	0.01
04/13/2012	1311	1603	1434.2742	2065355	2	552	227.1261	327062				0.01	0.01	0.00
04/14/2012	1248	1646	1428.4983	2057038	2	513	339.1107	488319				0.01	0.00	0.00
04/15/2012	1215	1539	1374.4292	1979178	2	579	398.2594	573494				0.00	0.00	0.00
04/16/2012	1234	1440	1363.5372	1963494	405	489	450.2031	648292				0.00	0.00	0.00
04/17/2012	1254	1462	1374.9839	1979977	347	499	450.0376	648054				0.11	0.13	0.00
04/18/2012	1257	1471	1384.6309	1993869	409	494	450.0644	648093				0.03	0.08	0.00
04/19/2012	1242	1476	1368.1848	1970186	410	492	450.0815	648117				0.02	0.05	0.01
04/20/2012	1238	1466	1361.2242	1960163	408	491	450.0295	648042				0.00	0.00	0.00
04/21/2012	1246	1454	1372.7539	1976766	405	488	450.0842	648121				0.00	0.00	0.00
04/22/2012	1257	1458	1376.4195	1982044	411	489	450.0561	648081				0.00	0.00	0.00
04/23/2012	1271	1480	1392.5020	2005203	409	491	450.1564	648225				0.00	0.00	0.00
04/24/2012	1259	1476	1397.3537	2012189	405	510	450.0557	648080				0.00	0.00	0.00
04/25/2012	1278	1487	1395.1536	2009021	408	491	450.0776	648112				0.00	0.00	0.00
04/26/2012	1290	1523	1416.4530	2039692	413	491	449.8706	647814				0.68	0.65	0.42
04/27/2012	1226	1447	1358.4675	1956193	407	500	450.1135	648163				0.00	0.01	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
04/28/2012	1213	1612	1363.8705	1963973	2	549	414.1975	596444				0.00	0.00	0.00
04/29/2012	1238	1452	1369.8919	1972644	405	494	449.9857	647979				0.00	0.00	0.00
04/30/2012	1226	1608	1387.4054	1997864	2	494	306.5120	441377				0.31	0.39	0.08
05/01/2012	1224	1507	1400.7856	2017131.267	2	549	412.5449	594065				0.00	0.00	0.00
05/02/2012	1268	1487	1386.3298	1996314.85	377	513	450.1222	648176				0.00	0.00	0.00
05/03/2012	1256	1475	1380.2646	1987580.987	412	493	450.0949	648137				0.00	0.00	0.00
05/04/2012	1236	1454	1359.5991	1957822.667	411	488	450.0294	648042				0.00	0.00	0.00
05/05/2012	1189	1413	1325.4004	1908576.55	411	494	450.1769	648255				0.00	0.00	0.00
05/06/2012	1209	1416	1326.0063	1909449.083	407	494	449.9504	647929				0.00	0.00	0.00
05/07/2012	1216	1407	1334.0445	1921024.15	406	494	450.0575	648083				0.00	0.00	0.00
05/08/2012	1230	1427	1342.9175	1933801.223	406	491	450.0883	648127				0.00	0.00	0.00
05/09/2012	1263	1448	1365.9783	1967008.8	406	497	450.0298	648043				0.00	0.00	0.00
05/10/2012	1229	1453	1361.7585	1960932.305	376	491	450.0528	648076				0.00	0.00	0.00
05/11/2012	1219	1440	1346.5645	1939052.95	407	490	450.1190	648171				0.00	0.00	0.00
05/12/2012	1226	1426	1327.8548	1912110.85	408	493	449.9458	647922				0.00	0.00	0.00
05/13/2012	1191	1406	1321.0250	1902276	401	489	449.8914	647844				0.00	0.00	0.00
05/14/2012	1218	1435	1344.6204	1936253.347	406	492	450.0152	648022				0.00	0.00	0.00
05/15/2012	1235	1434	1362.5196	1962028.25	341	502	449.9823	647975				0.00	0.00	0.00
05/16/2012	1241	1443	1361.2420	1960188.55	409	482	450.0708	648102				0.00	0.00	0.00
05/17/2012	1256	1468	1380.5997	1988063.6	385	483	450.0237	648034				0.00	0.00	0.00
05/18/2012	1216	1465	1356.9377	1953990.35	406	486	450.0703	648101				0.00	0.00	0.00
05/19/2012	1207	1406	1325.2107	1908303.468	428	470	450.0503	648072				0.00	0.00	0.00
05/20/2012	1207	1398	1318.3946	1898488.2	439	475	450.0860	648124				0.00	0.00	0.00
05/21/2012	1211	1435	1337.2827	1925687.141	422	475	450.0795	648114				0.00	0.00	0.00
05/22/2012	1192	1431	1352.5434	1947662.426	135	490	449.9122	647874				0.00	0.00	0.00
05/23/2012	1224	1432	1354.5094	1950493.55	405	498	449.9795	647970				0.00	0.00	0.00
05/24/2012	1252	1484	1375.6421	1980924.683	405	488	450.0383	648055				0.00	0.00	0.00
05/25/2012	1249	1483	1396.1712	2010486.5	405	499	449.9997	648000				0.06	0.11	0.02
05/26/2012	1239	1466	1367.8275	1969671.533	406	499	449.9949	647993				0.48	0.53	0.45
05/27/2012	1185	1398	1311.3359	1888323.716	406	499	450.0615	648089				0.16	0.17	0.08
05/28/2012	1178	1409	1311.3673	1888368.9	405	499	450.1416	648204				0.00	0.01	0.00
05/29/2012	1191	1398	1321.5644	1903052.675	145	494	449.8910	647843				0.00	0.00	0.00
05/30/2012	1185	1393	1304.4771	1878447.013	407	497	450.0675	648097				0.00	0.00	0.00
05/31/2012	1183	1428	1309.8546	1886190.667	408	494	450.0843	648121				0.00	0.00	0.00
06/01/2012	1197	1427	1334.8922	1922244.783	408	494	450.0186	648027				0.00	0.00	0.00
06/02/2012	1230	1431	1348.9379	1942470.533	405	491	450.0732	648105				0.00	0.00	0.00
06/03/2012	1185	1427	1332.4558	1918736.383	407	491	450.1001	648144				0.00	0.00	0.00
06/04/2012	1237	1443	1350.8581	1945235.617	407	495	450.1409	648203				0.00	0.00	0.00
06/05/2012	1194	1428	1323.4822	1905814.417	347	489	449.9393	647913				0.03	0.09	0.05
06/06/2012	1180	1361	1290.6378	1858518.467	424	475	450.0849	648122				0.00	0.00	0.00
06/07/2012	1165	1402	1300.2338	1872336.733	415	484	450.0281	648041				0.00	0.00	0.00
06/08/2012	1209	1413	1333.3018	1919954.533	435	487	450.1022	648147				0.00	0.00	0.00
06/09/2012	1169	1408	1303.6818	1877301.85	414	469	450.0759	648109				0.00	0.00	0.00
06/10/2012	1160	1347	1268.7989	1827070.467	403	459	450.1032	648149				0.00	0.00	0.00
06/11/2012	1136	1347	1268.7933	1827062.333	402	483	450.0535	648077				0.00	0.00	0.00
06/12/2012	1164	1380	1290.1962	1857882.571	114	493	449.9223	647888				0.00	0.00	0.00
06/13/2012	1169	1427	1303.9021	1877618.967	2	491	445.3239	641266				0.00	0.00	0.00
06/14/2012	1180	1391	1297.5674	1868497.017	405	497	450.1491	648215				0.00	0.00	0.00
06/15/2012	1151	1372	1284.5678	1849777.667	406	497	450.0008	648001				0.00	0.00	0.00
06/16/2012	1140	1369	1268.0721	1826023.767	381	496	449.9475	647924				0.00	0.00	0.00
06/17/2012	1169	1397	1297.2556	1868048.074	392	495	450.0710	648102				0.00	0.00	0.00
06/18/2012	1204	1405	1317.9093	1897789.4	407	500	449.9402	647914				0.00	0.00	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
06/19/2012	1162	1374	1287.4820	1853974.05	285	494	449.9919	647988				0.00	0.00	0.00
06/20/2012	1125	1335	1254.8605	1806999.15	411	494	450.1857	648267				0.00	0.00	0.00
06/21/2012	1169	1382	1285.2352	1850738.7	406	491	449.9974	647996				0.00	0.00	0.00
06/22/2012	1194	1409	1314.5624	1892969.9	406	494	450.0764	648110				0.00	0.00	0.00
06/23/2012	1156	1452	1311.2759	1888237.25	3	493	428.7283	617369				0.00	0.00	0.00
06/24/2012	1171	1438	1278.8255	1841508.733	3	491	425.6772	612975				0.00	0.00	0.00
06/25/2012	1161	1371	1282.3405	1846570.367	402	494	450.1295	648187				0.00	0.00	0.00
06/26/2012	1128	1368	1271.7398	1831305.283	182	494	449.9540	647934				0.00	0.00	0.00
06/27/2012	1032	1446	1258.1859	1811787.69	2	495	428.4577	616979				0.00	0.00	0.00
06/28/2012	1133	1342	1256.1386	1808839.617	406	494	450.0167	648024				0.00	0.00	0.00
06/29/2012	1145	1348	1253.0937	1804454.9	405	491	450.0154	648022				0.00	0.00	0.00
06/30/2012	1135	1375	1264.9060	1821464.683	403	494	449.9876	647982				0.00	0.00	0.00
07/01/2012	1075	1349	1268.7717	1827031.2	3	494	427.6189	615771				0.00	0.00	0.00
07/02/2012	1126	1348	1256.8429	1809853.833	400	489	450.0330	648048				0.00	0.00	0.00
07/03/2012	1144	1340	1260.8350	1815602.379	410	486	450.0630	648091				0.00	0.00	0.00
07/04/2012	1140	1331	1253.8537	1805549.3	407	466	450.1189	648171				0.00	0.00	0.00
07/05/2012	1131	1315	1234.4370	1777589.349	439	460	450.0400	648058				0.18	0.22	0.00
07/06/2012	1098	1433	1216.6698	1752004.5	2	471	448.7379	646183				0.01	0.06	0.00
07/07/2012	1118	1302	1219.1930	1755637.883	426	472	450.0593	648085				0.03	0.03	0.00
07/08/2012	1106	1297	1217.6314	1753389.267	423	475	450.0355	648051				0.00	0.00	0.00
07/09/2012	1106	1312	1224.8952	1763849.023	423	486	450.0752	648108				0.00	0.00	0.00
07/10/2012	1109	1312	1228.6627	1769274.35	399	488	450.0614	648088				0.00	0.00	0.00
07/11/2012	1121	1315	1238.1098	1782878.078	405	488	450.0605	648087				0.00	0.00	0.00
07/12/2012	1111	1328	1236.1727	1780088.75	400	488	450.0113	648016				0.00	0.00	0.00
07/13/2012	1097	1315	1226.5977	1766300.75	410	494	450.0624	648090				0.00	0.00	0.00
07/14/2012	1121	1312	1228.5560	1769120.667	409	488	450.1051	648151				0.59	0.54	0.00
07/15/2012	1118	1319	1231.2149	1772949.417	400	488	450.0593	648085				0.31	0.47	0.00
07/16/2012	1119	1309	1229.5953	1770617.25	408	489	450.1522	648219				0.03	0.02	0.02
07/17/2012	1113	1306	1226.4698	1766116.5	400	495	450.0810	648117				0.00	0.00	0.00
07/18/2012	1102	1293	1212.2800	1745683.136	422	474	450.0256	648037				0.00	0.00	0.00
07/19/2012	1045	1276	1200.6223	1728896.164	426	483	449.9951	647993				0.00	0.00	0.03
07/20/2012	1079	1270	1195.0794	1720914.3	429	481	450.0382	648055				0.00	0.00	0.00
07/21/2012	1081	1276	1198.5817	1725957.593	412	472	450.0331	648048				0.00	0.00	0.00
07/22/2012	1087	1271	1201.0661	1729535.25	424	462	449.9748	647964				0.00	0.00	0.04
07/23/2012	1077	1304	1198.8150	1726293.6	3	486	416.9376	600390				0.36	0.32	0.46
07/24/2012	1084	1277	1205.4078	1735787.2	363	487	450.0082	648012				0.31	0.35	0.00
07/25/2012	1091	1304	1207.3114	1738528.45	409	492	450.0953	648137				0.00	0.00	0.00
07/26/2012	1079	1290	1207.7531	1739164.5	410	485	450.0031	648005				0.00	0.00	0.00
07/27/2012	1095	1296	1206.3365	1737124.55	413	487	449.9683	647954				0.00	0.00	0.00
07/28/2012	1066	1275	1194.4979	1720076.973	399	488	450.1474	648212				0.00	0.00	0.00
07/29/2012	1057	1279	1186.2855	1708251.117	410	490	450.0744	648107				0.00	0.00	0.00
07/30/2012	1066	1273	1185.6505	1707336.667	405	492	450.0836	648120				0.00	0.00	0.00
07/31/2012	1047	1259	1173.0764	1689230.033	402	489	450.0795	648115				0.00	0.00	0.00
08/01/2012	1068	1255	1180.5478	1699988.867	408	494	450.0220	648032				0.00	0.00	0.00
08/02/2012	1076	1274	1186.9718	1709239.362	407	495	450.1588	648229				0.00	0.00	0.00
08/03/2012	1084	1274	1188.9140	1712036.15	402	498	449.9610	647944				0.00	0.00	0.00
08/04/2012	1083	1249	1178.5507	1697113	405	491	449.9197	647884				0.00	0.00	0.00
08/05/2012	1046	1238	1163.1397	1674921.228	397	488	450.0121	648017				0.03	0.00	0.04
08/06/2012	1043	1233	1154.5061	1662488.77	404	493	449.9748	647964				0.00	0.01	0.01
08/07/2012	1061	1242	1162.1127	1673442.333	389	490	450.0642	648092				0.00	0.00	0.00
08/08/2012	1054	1317	1161.7877	1672974.3	2	470	420.7674	605905				0.07	0.05	0.01
08/09/2012	1054	1252	1164.1058	1676312.4	409	472	450.0363	648052				0.00	0.00	0.00
08/10/2012	1064	1270	1173.6928	1690117.693	419	485	450.1124	648162				0.12	0.12	0.02
08/11/2012	1056	1256	1168.2028	1682212	418	468	450.0947	648136				0.01	0.00	0.00
08/12/2012	1050	1241	1163.2971	1675147.8	420	487	450.0263	648038				0.00	0.00	0.00
08/13/2012	1046	1243	1164.5791	1676993.967	2	472	337.0413	485339				0.05	0.08	0.00
08/14/2012	1046	1350	1169.2557	1683728.25	2	488	276.2095	397742				0.00	0.00	0.00
08/15/2012	1064	1254	1171.7575	1687330.833	398	517	450.1702	648245				0.00	0.00	0.00
08/16/2012	1049	1241	1161.3771	1672383	405	487	450.0356	648051				0.01	0.06	0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
08/17/2012	1050	1240	1157.7826	1667206.983	413	489	450.1063	648153				0.01	0.00	0.00
08/18/2012	1060	1240	1162.9051	1674583.294	405	488	450.0657	648095				0.00	0.00	0.00
08/19/2012	1042	1235	1159.8276	1670151.709	406	492	450.0233	648034				0.05	0.02	0.00
08/20/2012	912	1264	1159.0215	1668991	2	541	413.7842	595849				0.00	0.00	0.00
08/21/2012	1049	1265	1165.8516	1678826.25	2	486	385.6999	555408				0.00	0.00	0.00
08/22/2012	1049	1236	1162.1201	1673452.95	408	488	450.1059	648152				0.00	0.00	0.00
08/23/2012	1049	1259	1165.2793	1678002.15	408	488	450.0711	648102				0.00	0.00	0.00
08/24/2012	1035	1241	1158.4462	1668162.5	403	491	449.9826	647975				0.00	0.00	0.00
08/25/2012	1041	1246	1158.6708	1668486	413	482	450.0752	648108				0.00	0.00	0.00
08/26/2012	0	1337	1153.7083	1661339.9	2	488	425.6129	612883				0.03	0.02	0.00
08/27/2012	1035	1222	1138.8526	1639947.68	419	491	450.0402	648058				0.00	0.00	0.00
08/28/2012	1037	1227	1143.3679	1646449.817	373	486	449.9473	647924				0.00	0.00	0.00
08/29/2012	1032	1223	1150.1809	1656260.55	413	474	450.0982	648141				0.00	0.00	0.00
08/30/2012	1012	1227	1147.1042	1651830.069	396	488	450.1343	648193				0.08	0.07	0.00
08/31/2012	1024	1323	1146.9432	1651598.167	264	492	449.9463	647923				0.42	0.50	0.26
09/01/2012	1005	1308	1137.7600	1638374.417	2	483	423.1258	609301				0.01	0.02	0.00
09/02/2012	1019	1292	1126.4519	1622090.717	2	537	420.1674	605041				0.00	0.00	0.00
09/03/2012	1010	1334	1128.1758	1624573.15	3	561	426.8348	614642				0.00	0.00	0.00
09/04/2012	945	1205	1126.1540	1621661.817	347	480	450.0295	648042				0.00	0.00	0.00
09/05/2012	1001	1216	1130.4195	1627804.017	408	470	450.0991	648143				0.00	0.00	0.00
09/06/2012	1030	1207	1130.3112	1627648.133	432	486	450.1123	648162				0.00	0.00	0.00
09/07/2012	972	1185	1103.0535	1588397.067	408	482	450.0584	648084				0.00	0.00	0.00
09/08/2012	976	1200	1110.1419	1598604.35	413	485	450.0180	648026				0.00	0.00	0.00
09/09/2012	1021	1241	1136.3819	1636390	417	472	450.0619	648089				0.11	0.10	0.01
09/10/2012	1026	1232	1144.9194	1648683.998	429	488	450.0859	648124				0.00	0.00	0.00
09/11/2012	989	1209	1125.4259	1620613.267	422	495	450.0484	648070				0.00	0.00	0.00
09/12/2012	983	1176	1093.0169	1573944.383	421	488	450.0422	648061				0.00	0.00	0.00
09/13/2012	966	1178	1078.2140	1552628.132	413	488	450.0141	648020				0.00	0.00	0.00
09/14/2012	970	1184	1095.7551	1577887.35	414	484	450.0431	648062				0.00	0.00	0.00
09/15/2012	994	1208	1110.6628	1599354.417	406	483	449.9907	647987				0.00	0.00	0.00
09/16/2012	1005	1196	1116.4779	1607728.183	409	490	450.0945	648136				0.00	0.00	0.00
09/17/2012	1009	1189	1105.7681	1592306	406	488	450.0083	648012				0.00	0.00	0.00
09/18/2012	976	1185	1099.3076	1583002.966	375	483	450.0176	648025				0.00	0.00	0.00
09/19/2012	985	1183	1093.6453	1574849.233	415	486	450.1282	648185				0.00	0.00	0.00
09/20/2012	975	1171	1091.9017	1572338.5	400	467	450.0279	648040				0.00	0.00	0.00
09/21/2012	978	1194	1096.8335	1579440.213	424	472	450.0904	648130				0.00	0.00	0.00
09/22/2012	972	1183	1100.2468	1584355.333	402	483	450.1344	648194				0.00	0.00	0.00
09/23/2012	996	1183	1103.3792	1588866.037	429	470	450.0743	648107				0.01	0.00	0.03
09/24/2012	978	1172	1096.6559	1579184.5	417	482	450.0733	648106				0.19	0.37	0.06
09/25/2012	978	1180	1096.3180	1578697.85	406	493	450.0757	648109				0.00	0.01	0.00
09/26/2012	967	1174	1093.2014	1574210	407	486	449.9975	647996				0.00	0.00	0.00
09/27/2012	838	1264	1084.4201	1561564.917	2	498	375.0778	540112				0.00	0.00	0.00
09/28/2012	972	1185	1089.2006	1568448.833	430	472	449.9990	647998				0.00	0.00	0.00
09/29/2012	958	1161	1073.7872	1546253.633	424	466	450.0206	648030				0.00	0.00	0.00
09/30/2012	855	1184	1062.8185	1530458.65	2	494	425.6328	612911				0.00	0.00	0.00
10/01/2012	961	1159	1068.1619	1538153.067	419	476	450.0322	648046						0.00
10/02/2012	983	1200	1097.8146	1580852.967	152	480	449.9038	647861						0.00
10/03/2012	975	1158	1084.1396	1561161.033	420	466	450.0508	648073						0.00
10/04/2012	967	1173	1081.1363	1556836.25	424	482	450.0756	648109						0.00
10/05/2012	945	1166	1067.3947	1537048.383	437	474	450.0409	648059						0.00
10/06/2012	950	1158	1066.1285	1535225.05	444	469	450.0532	648077						0.00
10/07/2012	935	1165	1068.1121	1538081.4	439	464	450.0811	648117						0.00
10/08/2012	963	1171	1086.7646	1564940.964	442	470	450.0413	648059						0.00
10/09/2012	951	1164	1076.3440	1549935.39	435	489	450.0865	648125						0.00
10/10/2012	960	1164	1076.7386	1550503.583	430	469	449.9711	647958						0.00
10/11/2012	972	1173	1080.5308	1555964.417	430	469	449.9739	647962						0.02
10/12/2012	961	1171	1076.2533	1549804.75	427	461	449.9853	647979						0.01
10/13/2012	918	1119	1035.5632	1491211.017	440	454	450.0254	648037						0.00
10/14/2012	911	1133	1034.5022	1489683.209	424	463	449.9626	647946						0.00
10/15/2012	942	1151	1060.8454	1527617.421	444	464	450.0106	648015						0.00
10/16/2012	916	1220	1077.7447	1551952.367	2	471	449.9196	647884						0.00

Date	Spring Flow Min (gpm)	Spring Flow Max (gpm)	Daily Average Spring Flow (gpm)	Daily Spring Flow Total (gal)	Pump Flow Min (gpm)	Pump Flow Max (gpm)	Daily Average Pump Flow (gpm)	Daily Pump Flow Total (gal)	Daily Spring Flow % Difference	Day of Month	Average Annual Flow	Big Springs - Precip (in)	Hill - Precip (in)	Elko - Precip (in)
10/17/2012	927	1129	1042.4085	1501068.274	436	462	450.0926	648133						0.00
10/18/2012	923	1121	1036.4754	1492524.533	427	467	450.0851	648122						0.00
10/19/2012	931	1162	1064.3144	1532612.752	444	473	450.0927	648133						0.00
10/20/2012	961	1180	1099.1674	1582801	444	464	450.0760	648109						0.00
10/21/2012	986	1173	1088.3723	1567256.15	443	463	450.0601	648087						0.00
10/22/2012	972	1178	1101.8689	1586691.2	428	474	450.1272	648183						0.12
10/23/2012	904	1166	1059.9497	1526327.573	394	507	450.0688	648099						0.02
10/24/2012	934	1123	1038.6979	1495725	442	466	449.9881	647983						0.04
10/25/2012	895	1093	1012.6725	1458248.47	428	458	449.9843	647977						0.04
10/26/2012	907	1115	1017.4184	1465082.45	446	469	449.9900	647986						0.00
10/27/2012	918	1122	1036.2593	1492213.367	437	457	450.0404	648058						0.00
10/28/2012	937	1115	1036.6989	1492846.367	433	461	450.0269	648039						0.00
10/29/2012	931	1125	1030.8630	1484442.717	443	473	450.0042	648006						0.00
10/30/2012	899	1114	1035.2632	1490778.943	2	456	449.7654	647662						0.00
10/31/2012	920	1145	1048.9756	1510524.823	439	459	450.0917	648132						0.00
11/01/2012	939	1131	1050.3537	1512509.267	428	472	450.0906	648130						0.00
11/02/2012	930	1117	1031.8206	1485821.717	435	461	450.0297	648043						0.00
11/03/2012	880	1095	1021.3172	1470696.8	441	461	450.1301	648187						0.00
11/04/2012	909	1077	1005.0530	1447276.368	433	472	450.1035	648149						0.00
11/05/2012	866	1087	1006.7672	1449744.75	429	469	450.1174	648169						
11/06/2012	915	1117	1027.1953	1479161.25	352	476	450.0437	648063						
11/07/2012	926	1158	1055.5749	1520027.85	428	464	450.0852	648123						
11/08/2012	996	1207	1108.6106	1596399.25	407	489	450.1078	648155						
11/09/2012	973	1169	1088.1524	1566939.4	407	488	449.9761	647966						
11/10/2012	916	1140	1052.3864	1515436.35	408	488	450.0514	648074						
11/11/2012	875	1077	997.7840	1436809	406	491	450.0458	648066						
11/12/2012	882	1068	984.3822	1417510.331	405	489	450.0820	648118						
11/13/2012	886	1057	978.6563	1409265.137	420	486	449.9950	647993						

SUMMARY OF AQUIFER HYDRAULIC PROPERTY ESTIMATES
LONG CANYON EIS
ELKO COUNTY, NEVADA, NEWMONT USA LIMITED

Well Name	Test Date	Test Type	Total Boring Depth (feet bgs)	Borehole Diameter (inches)	Casing O.D. (inches)	Screen Top (feet bgs)	Screen Bottom (feet bgs)	K Estimate (ft/day)	T Estimate (ft^2/day)	Ss (1/ft)	S (---)	K' Estimate (ft/day)	Kz/Kr
Basin Fill Wells - Big Springs Ranch Pumping Test (Barnett Intermountain Water Consulting et al, 2011)													
BSR Irrigation Well	11/8-10/2010	Constant Rate Pump Test - Drawdown	298	298	16	7	298	---	2.3E+04	---	---	---	---
LCMW-18	*11/8-10/2010*	*Constant Rate Pump Test - Drawdown*	150	25.1	4.5	19	149	---	*6.6E+04*	---	*0.00028*	---	---
		Constant Rate Pump Test - Recovery						---	*5.6E+04*	---	---	---	---
LCMW-19	*11/8-10/2010*	*Constant Rate Pump Test - Drawdown*	150	35.6	2.38	29	149	---	*1.4E+05*	---	*0.00087*	---	---
		Constant Rate Pump Test - Recovery						---	*1.5E+05*	---	---	---	---
LCMW-20	*11/8-10/2010*	*Constant Rate Pump Test - Drawdown*	300	27.9	4.5	19	299	---	*4.5E+04*	---	---	---	---
		Constant Rate Pump Test - Recovery						---	*4.4E+04*	---	---	---	---
Basin Fill Wells - Big Springs Ranch Pumping Test Re-Analyzed by Golder (Golder Associates, 2012) [a]													
LCMW-10	*11/8-10/2010*	*Constant Rate Pump Test - Drawdown*	100	60	4.5	24	94	*1200*	*9.9E+05*	---	*0.017*	---	---
LCMW-18	*11/8-10/2010*	*Constant Rate Pump Test - Drawdown*	150	25.1	4.5	19	149	*110*	*9.1E+04*	---	*0.0032*	---	*0.24*
		Constant Rate Pump Test - Recovery						*62*	*5.0E+04*	---	---	---	---
LCMW-19	*11/8-10/2010*	*Constant Rate Pump Test - Drawdown*	150	35.6	2.38	29	149	*180*	*1.4E+05*	---	*0.0057*	---	*0.41*
		Constant Rate Pump Test - Recovery						*230*	*1.8E+05*	---	---	---	---
LCMW-20	*11/8-10/2010*	*Constant Rate Pump Test - Drawdown*	300	27.9	4.5	19	299	*80*	*6.4E+04*	---	*0.0098*	---	*0.56*
		Constant Rate Pump Test - Recovery						*55*	*4.4E+04*	---	---	---	---
Basin Fill Wells - Shafter #6 Pumping Test (Neeley et al, 2009)													
Shafter #6	*8/11-13/2009*	*Constant Rate Pump Test - Drawdown*	960	212	16	390, 730, 925	610, 800, 945	---	*1.44E+03*	---	---	---	---
		Constant Rate Pump Test - Recovery						---	*1.67E+03*	---	---	---	---
TW-01	*8/11-13/2009*	*Constant Rate Pump Test - Drawdown*	975	210	2	535	575	---	*1.70E+03*	---	---	---	---
		Constant Rate Pump Test - Recovery						---	*1.80E+03*	---	---	---	---
Basin Fill Wells - Shafter #6 Pumping Test Re-Analyzed by Golder (Golder Associates, 2012) [a]													
Shafter #6	*8/11-13/2009*	*Constant Rate Pump Test - Recovery*	960	212	16	390, 730, 925	610, 800, 945	*2.1*	*1.7E+03*	---	---	---	---
TW-01	*8/11-13/2009*	*Constant Rate Pump Test - Drawdown*	975	210	2	535	575	*2.4*	*1.9E+03*	---	*0.0014*	---	*0.40*
		Constant Rate Pump Test - Recovery						*2.3*	*1.8E+03*	---	---	---	---
Basin Fill Wells - Golder Slug Test Program (Golder Associates, 2012)													
LCMW-01	10/28/2011	Pneumatic Rising Head	400	5.625	2.38	60	80	4.19	---	1.229E-04	---	---	---
								5.49	---	1.250E-04	---	---	---
LCMW-02S	10/28/2011	Pneumatic Rising Head	900	8.5	2	260	300	0.87	---	6.061E-04	---	---	---
								2.88	---	1.035E-08	---	---	---
LCMW-06	10/26/2011	Falling Head Slug	320	8.75	4.5	229	319	4.42	---	---	---	---	---
		Rising Head Slug						4.43	---	---	---	---	---
LCMW-07	10/25/2011	Falling Head Slug	160	8.75	4.5	69	159.4	0.65	---	---	---	---	---
		Rising Head Slug						0.97	---	---	---	---	---
LCMW-08	10/27/2011	Falling Head Slug	100	8.75	4.5	44.4	94.4	13.64	---	---	---	---	---
		Rising Head Slug						27.07	---	---	---	---	---
LCMW-10	10/28/2011	Falling Head Slug	100	8.75	4.5	24	94	8.83	---	---	---	---	---
		Rising Head Slug						12.15	---	---	---	---	---
LCMW-11	10/27/2011	Falling Head Slug	80	8.75	4.5	13.25	78.65	188.35	---	---	---	---	---
		Rising Head Slug						139.19	---	---	---	---	---
								102.64	---	---	---	---	---
								42.53	---	---	---	---	---
LCMW-12	10/27/2011	Pneumatic Rising Head	225	6.5	2.38	175	215	0.04	---	---	---	---	---
LCMW-13	10/25/2011	Falling Head Slug	205	6.5	2.38	160	200	24.45	---	---	---	---	---
		Rising Head Slug						12.86	---	---	---	---	---
LCMW-14	10/27/2011	Falling Head Slug	100	8.75	4.5	38.8	88.8	4.82	---	---	---	---	---
		Rising Head Slug						7.21	---	---	---	---	---
LCMW-23S	10/26/2011	Falling Head Slug	1300	12.75	4.5	179	259	0.91	---	---	---	---	---
		Rising Head Slug						0.95	---	---	---	---	---

Well Name	Test Date	Test Type	Total Boring Depth (feet bgs)	Borehole Diameter (inches)	Casing O.D. (inches)	Screen Top (feet bgs)	Screen Bottom (feet bgs)	K Estimate (ft/day)	T Estimate (ft^2/day)	Ss (1/ft)	S (---)	K' Estimate (ft/day)	Kz/Kr
Combined Bedrock/Basin Fill Wells (Golder Associates, 2012)													
LCMW-15	10/28/2011	Falling Head Slug	260	8.75	4.5	149	259.4	10.70	---	---	---	---	---
		Rising Head Slug						7.17	---	---	---	---	---
Bedrock Wells - Long Canyon Bedrock Well Aquifer Pumping Test (Barnett Intermountain Water Consulting et al, 2011)													
LCPW-1	1/11-13/2011	Constant Rate Pump Test - Recovery	1505	189.1	14	440, 920	900, 480	---	3.5E+05	---	---	---	---
LCMW-22D	*1/11-13/2011*	*Constant Rate Pump Test - Drawdown*	1300	---	2.38	1099	1159	---	*1.8E+05*	---	---	---	---
		Constant Rate Pump Test - Recovery						---	*5.9E+05*	---	---	---	---
LCMW-23D	*1/11-13/2011*	*Constant Rate Pump Test - Drawdown*	1300	191	2.38	359	1259	---	*3.1E+05*	---	---	---	---
		Constant Rate Pump Test - Recovery						---	*2.7E+05*	---	---	---	---
Bedrock Wells - Long Canyon Bedrock Well Aquifer Pumping Test Re-Analyzed by Golder (Golder Associates, 2012) [b]													
LCPW-1	1/11-13/2011	Constant Rate Pump Test - Recovery	1505	189.1	14	440, 920	900,480	150	1.7E+05	---	---	---	---
LCMW-02D	*1/11-13/2011*	*Constant Rate Pump Test - Drawdown*	900	260	2	860	900	*160*	*1.8E+05*	---	*0.0038*	---	---
		Constant Rate Pump Test - Recovery						*280*	*2.9E+05*	---	---	---	---
LCMW-03	1/11-13/2011	Constant Rate Pump Test - Recovery	900	497	2.38	860	900	300	3.4E+05	---	---	---	---
LCMW-05D	1/11-13/2011	Constant Rate Pump Test - Recovery	1290	627.9	2	1119	1279	300	3.4E+05	---	---	---	---
LCMW-17	1/11-13/2011	Constant Rate Pump Test - Recovery	900	185.6	2.38	859	899	290	3.3E+05	---	---	---	---
LCMW-22D	*1/11-13/2011*	*Constant Rate Pump Test - Drawdown*	1300	---	2.38	1099	1159	*270*	*3.0E+05*	---	*0.0028*	---	---
		Constant Rate Pump Test - Recovery						*230*	*2.6E+05*	---	---	---	---
LCMW-23D	*1/11-13/2011*	*Constant Rate Pump Test - Drawdown*	1300	191	2.38	359	1259	*180*	*2.0E+05*	---	*0.022*	---	---
		Constant Rate Pump Test - Recovery						*240*	*2.5E+05*	---	---	---	---
Bedrock Wells - Golder Slug Test Program (Golder Associates, 2012)													
LCMW-02D	10/28/2011	Pneumatic Rising Head	900	6.5	2	860	900	53.56	---	---	---	---	---
LCMW-04	10/27/2011	Pneumatic Rising Head	980	6.5	2.38	920	980	0.68	---	4.081E-06	---	---	---
		Pneumatic Rising Head						0.81	---	1.885E-06	---	---	---
LCMW-05D	10/27/2011	Pneumatic Rising Head	1290	6.5	2	1119	1279	2.21	---	---	---	---	---
		Pneumatic Rising Head						2.70	---	---	---	---	---
LCMW-05S	10/27/2011	Pneumatic Rising Head	1290	12.25/6.5	4.5	519	649	1.74	---	---	---	---	---
LCMW-09D	10/26/2011	Pneumatic Rising Head	1200	6.5	2	1159.4	1199.4	---	74.55	---	8.842E-05	2.014E-09	---
		Pneumatic Rising Head						---	50.67	---	2.222E-04	5.088E-08	---
LCMW-09S	10/26/2011	Pneumatic Rising Head	1200	12.75	4.5	134.6	174.6	18.20	---	---	---	---	---
LCMW-17	10/27/2011	Pneumatic Rising Head	900	6.5	2.38	859	899.4	19.70	---	---	---	---	---
		Pneumatic Rising Head						44.51	---	---	---	---	---
LCMW-21D	10/26/2011	Pneumatic Rising Head	1300	6.5	2.38	999	1299	2.08	---	---	---	---	---
		Pneumatic Rising Head						1.92	---	---	---	---	---
LCMW-21S	10/26/2011	Falling Head Slug	1300	12.75	4.5	219	379	8.36	---	---	---	---	---
		Rising Head Slug						12.79	---	---	---	---	---
LCMW-23D	10/26/2011	Pneumatic Rising Head	1300	6.5	2.38	359	1259	0.74	---	---	---	---	---
								0.68	---	---	---	---	---

Notes:

ft bgs = feet below ground surface
Casing O.D. - outside diameter of well casing
T = Transmissivity
-- = Not estimated
S = Storage coefficient

Ss = Specific storage
K = Hydraulic conductivity
Kr = Horizontal hydraulic conductivity
Kz = Verticle hydraulic conductivity
K' = Bedrock matrix hydraulic conductivity

a Hydraulic conductivity calculated from transmissivity estimates assuming an aquifer thickness of 800 ft. This assumed aquifer thickness is conservative, considering the recent geophysical model developed by Newmont shows the basin fill thickness ranging between approximately 300 meters (980 ft) in the vicinity of the BSR irrigation well to approximately 1,200 meters (3,900 ft) in the vicinity of Shafter #6.

b Hydraulic conductivity calculated from transmissivity estimates assuming an aquifer thickness of 1,121 ft. This is a conservative thickness applied in the analyses, with the Pogonip Group in the map area suspected to be up to 5,900 ft thick.

Source of Table: *Hydrogeologic Characterization Report*, Table 4-1. (Golder Associates, 2012).

Profile II Analytical Results, HC Test Extracts, Comp 2 LCM01 48.5'-75', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	38	43	38	40	36	35	32
CO_3, $CaCO_3$	4.4	2.7	2.5	2.2	2.4	<1.0	<1.0
HCO_3	37	48	41	44	39	43	39
Aluminum	0.31	0.16	0.18	0.14	0.15	0.15	0.10
Antimony	0.0097	0.018	0.011	0.0096	0.0079	0.0054	0.0032
Arsenic	0.0072	0.0089	0.0079	0.0076	0.0076	<0.0050	0.0061
Barium	0.011	0.016	0.013	0.014	0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	6.7	7.1	7.1	7.3	6.7	7.6	7.9
Chloride	17	2.3	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.22	0.17	0.13	0.11	0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	7.4	7.0	6.0	5.4	4.6	4.2	3.2
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.022	<0.0050
Mercury	0.00023	<0.00010	0.00015	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.90	8.62	8.56	8.62	8.52	8.08	7.98
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	5.4	2.5	1.5	1.0	1.2	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	7.8	2.2	0.68	2.9	2.5	<0.50	1.4
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	7.6	4.3	2.9	2.0	1.5	1.3	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	96	57	63	51	82	31	54
Vanadium	0.016	0.015	0.010	<0.020	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	0.038	<0.010
Cations, meq/L	1.46	1.11	0.94	0.98	0.87	0.74	0.73
Anions, meq/L	1.40	1.04	0.82	0.84	0.76	0.73	0.64
Balance, %	1.8	3.2	6.5	7.4	7.0	<1.0	6.6
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts, Comp 2 LCM01 48.5'-75', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	33	36	20	22	40	26	31
CO_3, $CaCO_3$	<1.0	2.2	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	40	39	25	26	48	32	37
Aluminum	0.087	0.11	<0.045	<0.045	0.086	0.083	0.077
Antimony	0.0031	0.0030	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	0.0030	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	0.016	<0.010	<0.010	<0.010	<0.010	0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	7.7	8.6	3.6	4.1	6.8	6.2	8.0
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	3.5	3.5	2.6	2.6	2.7	2.5	2.8
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.93	8.37	7.88	7.41	8.00	7.50	8.24
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0	<1.0	1.8	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	36	23	35	26	30	48	39
Vanadium	<0.010	<0.010	<0.010	<0.010	0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.68	0.73	0.39	0.42	0.57	0.52	0.64
Anions, meq/L	0.66	0.71	0.41	0.43	0.82	0.52	0.61
Balance, %	2.0	1.2	2.0	<1.0	18	<1.0	2.6
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts, Comp 2 LCM01 48.5'-75', Long Canyon Waste Rock Composites

	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	31	30	27
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	38	37	33
Aluminum	0.055	0.064	0.063
Antimony	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050
Barium	0.017	<0.010	0.024
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	7.8	7.9	6.5
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	2.7	2.6	2.3
Manganese	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	8.17	7.89	7.81
Phosphorus	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	40	37	21
Vanadium	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	0.62	0.62	0.52
Anions, meq/L	0.62	0.61	0.54
Balance, %	<1.0	<1.0	1.9
WetLab Report #	1106246	1107209	1108134

Profile II Analytical Results, HC Test Extracts, Comp 5 LCM03 28.5'-40.8', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	31	41	40	37	37	32	32
CO_3, $CaCO_3$	4.5	2.4	2.0	2.5	3.2	<1.0	<1.0
HCO_3	29	45	44	41	38	39	39
Aluminum	0.19	0.16	0.16	0.14	0.15	0.13	0.089
Antimony	0.0064	0.013	0.0088	0.0079	0.0061	0.0040	0.0037
Arsenic	0.0062	0.0085	0.0070	0.0087	0.0056	0.0063	0.0060
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	7.1	8.8	9.0	8.2	8.1	7.7	7.7
Chloride	14	3.7	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.12	0.11	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	5.8	5.9	5.5	4.3	3.9	3.3	3.4
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.00067	0.00016	0.00014	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.033	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.96	8.51	8.42	8.55	8.45	7.94	7.74
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	4.3	2.3	1.4	0.90	0.87	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	4.8	2.0	0.69	2.1	1.5	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	5.6	4.6	3.2	2.0	1.3	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	86	62	46	44	32	28	40
Vanadium	0.011	0.012	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.17	1.09	0.99	0.89	0.83	0.67	0.67
Anions, meq/L	1.14	1.02	0.85	0.80	0.76	0.64	0.64
Balance, %	1.2	3.1	7.1	5.7	4.6	2.4	2.6
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts, Comp 5 LCM03 28.5'-40.8', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	32	29	17	23	32	29	28
CO_3, $CaCO_3$	<1.0	1.8	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	39	31	20	28	39	35	34
Aluminum	0.095	0.10	<0.045	<0.045	0.094	0.086	0.078
Antimony	<0.0025	0.0020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	0.0030	0.0053	<0.0050	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	8.3	7.4	3.5	5.2	7.4	7.6	7.9
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.9	2.4	2.2	2.3	2.2	2.2	2.2
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	0.25	0.029	<0.025	<0.025	<0.025	<0.025
pH, stu	8.19	8.36	7.96	7.44	7.24	7.41	8.08
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	0.59	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	32	14	19	45	31	36	54
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.66	0.58	0.38	0.45	0.56	0.57	0.58
Anions, meq/L	0.64	0.57	0.33	0.46	0.64	0.57	0.56
Balance, %	1.9	<1.0	7.6	1.1	6.5	<1.0	2.3
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts, Comp 5 LCM03 28.5'-40.8', Long Canyon Waste Rock Composites

	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	28	29	28
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	34	36	34
Aluminum	0.058	0.066	0.071
Antimony	<0.0025	<0.0025	<0.0025
Arsenic	<0.0050	<0.0050	<0.0050
Barium	<0.010	<0.010	0.011
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	7.6	8.5	7.4
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	2.0	2.4	2.0
Manganese	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	8.08	7.87	7.90
Phosphorus	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	31	34	38
Vanadium	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	0.55	0.63	0.54
Anions, meq/L	0.56	0.59	0.56
Balance, %	<1.0	3.2	1.4
WetLab Report #	1106246	1107209	1108134

Profile II Analytical Results, HC Test Extracts, Comp 18 LCM08 260.5'-269', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	52	77	65	60	55	41	34
CO_3, $CaCO_3$	13	6.6	5.2	4.9	6.6	2.1	4.5
HCO_3	38	80	69	63	54	46	33
Aluminum	0.10	0.090	0.092	0.087	0.13	0.068	0.049
Antimony	0.0080	0.017	0.012	0.013	0.014	0.014	0.013
Arsenic	0.043	0.041	0.028	0.026	0.026	0.018	0.012
Barium	<0.010	0.014	0.015	0.012	0.016	0.014	0.015
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	6.2	5.8	6.2	5.6	6.3	6.3	6.3
Chloride	27	5.3	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	<0.10	0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	0.20	0.12	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	12	16	15	11	10	7.0	4.9
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.0012	0.00055	0.00034	0.00016	0.00011	<0.00010	<0.00010
Molybdenum	<0.010	0.021	0.012	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.042	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	9.36	8.82	8.74	8.78	8.74	8.37	8.60
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	6.0	3.5	1.4	0.74	0.69	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	13	4.8	0.89	1.5	1.2	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	5.7	6.9	4.6	3.1	2.2	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	130	92	72	61	51	30	37
Vanadium	<0.050	0.025	0.016	0.017	0.016	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.03	1.91	1.63	1.28	1.22	0.90	0.72
Anions, meq/L	1.94	1.83	1.40	1.26	1.15	0.82	0.69
Balance, %	2.3	2.3	7.5	<1.0	3.0	4.3	2.3
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts, Comp 18 LCM08 260.5'-269', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	38	31	26	26	35	34	35
CO_3, $CaCO_3$	<1.0	12	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	46	13	32	32	42	41	43
Aluminum	0.050	0.070	<0.045	<0.045	0.057	0.060	0.062
Antimony	0.015	0.016	0.021	0.018	0.016	0.014	0.013
Arsenic	0.010	0.009	0.0097	0.0089	0.0083	0.0091	0.0088
Barium	0.016	0.014	<0.010	<0.010	0.022	0.021	0.024
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	6.8	6.8	3.4	4.3	6.6	7.2	8.1
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	5.1	4.8	4.4	3.6	3.6	3.8	4.0
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.24	1.2	0.041	<0.025	<0.025	<0.025	<0.025
pH, stu	8.11	8.78	7.67	7.52	7.15	7.71	8.29
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	41	18	31	18	31	50	38
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.76	0.74	0.53	0.51	0.63	0.68	0.74
Anions, meq/L	0.75	0.61	0.52	0.52	0.69	0.67	0.70
Balance, %	<1.0	9.5	<1.0	1.3	4.3	<1.0	2.5
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts, Comp 18 LCM08 260.5'-269', Long Canyon Waste Rock Composites

	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	36	33	31
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	44	41	37
Aluminum	<0.045	0.047	0.058
Antimony	0.011	0.0089	0.0079
Arsenic	0.0080	0.0089	0.0071
Barium	0.022	0.019	0.020
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	7.9	8.1	7.1
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	3.6	3.7	3.1
Manganese	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	8.14	7.92	7.95
Phosphorus	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	30	73	12
Vanadium	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	0.69	0.71	0.62
Anions, meq/L	0.72	0.67	0.61
Balance, %	2.2	3.0	<1.0
WetLab Report #	1106246	1107209	1108134

Profile II Analytical Results, HC Test Extracts, Comp 22 LCM11 69'-73.5', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	54	51	44	42	40	33	31
CO_3, $CaCO_3$	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	61	62	54	51	49	41	37
Aluminum	0.20	0.10	0.12	0.11	0.23	0.15	0.13
Antimony	0.028	0.049	0.041	0.042	0.033	0.018	0.011
Arsenic	0.46	0.66	0.61	0.67	0.67	0.64	0.56
Barium	<0.010	<0.010	0.011	<0.010	0.011	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	10	14	14	12	12	10	9.3
Chloride	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.78	0.48	0.44	0.39	0.38	0.19	0.12
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	3.7	4.2	4.1	3.2	3.0	2.3	2.0
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.19	0.074	0.046	0.0090	0.00052	<0.0002	0.00011
Molybdenum	0.042	0.046	0.024	0.012	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.086	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.48	8.23	8.15	8.22	8.15	7.98	7.80
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	8.7	5.7	4.0	2.6	2.1	0.76	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	12	3.5	1.1	1.3	1.2	<0.50	<0.50
Strontium	0.16	0.21	0.21	0.19	0.17	0.12	0.13
Sulfate	17	10	6.1	4.4	3.0	<1.0	<1.0
Thallium	0.0032	0.0022	<0.0010	0.0014	0.0013	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	96	80	62	57	45	27	35
Vanadium	0.011	0.011	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.57	1.35	1.20	1.00	0.98	0.72	0.64
Anions, meq/L	1.58	1.25	1.04	0.95	0.89	0.68	0.61
Balance, %	<1.0	4.0	7.4	2.5	4.9	3.0	2.4
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts, Comp 22 LCM11 69'-73.5', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	35	34	20	24	32	30	29
CO_3, $CaCO_3$	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	42	42	25	29	39	37	35
Aluminum	0.12	0.13	<0.045	<0.045	0.15	0.17	0.17
Antimony	0.0082	0.0070	0.0057	0.0055	0.0055	0.0055	0.0044
Arsenic	0.53	0.35	0.29	0.30	0.33	0.37	0.30
Barium	<0.010	0.012	<0.010	<0.010	0.012	0.011	0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	10	11	5.1	6.5	9.2	9.6	8.7
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.2	2.2	1.7	1.8	1.9	1.9	1.7
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.0013	0.0015	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.94	7.94	7.67	7.45	7.06	7.54	7.95
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.002	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	0.13	0.14	<0.10	<0.10	0.12	0.12	0.10
Sulfate	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	70	33	32	26	40	77	58
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.69	0.74	0.39	0.47	0.63	0.65	0.59
Anions, meq/L	0.69	0.69	0.41	0.48	0.64	0.61	0.57
Balance, %	<1.0	3.9	1.9	<1.0	<1.0	3.8	1.7
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts, Comp 22 LCM11 69'-73.5', Long Canyon Waste Rock Composites

	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	28	26	27
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	34	32	33
Aluminum	0.15	0.16	0.15
Antimony	0.0041	0.0039	0.0034
Arsenic	0.27	0.26	0.23
Barium	<0.010	0.011	0.014
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	7.9	8.4	7.5
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	1.5	1.6	1.5
Manganese	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	7.90	7.73	7.78
Phosphorus	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	23	32	39
Vanadium	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	0.53	0.57	0.51
Anions, meq/L	0.56	0.52	0.54
Balance, %	2.1	4.0	2.5
WetLab Report #	1106246	1107209	1108134

Profile II Analytical Results, HC Test Extracts, Comp 42 LCM16 176'-180', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	42	36	33	32	30	31	32
CO_3, $CaCO_3$	2.2	<1.0	<1.0	1.2	<1.0	<1.0	<1.0
HCO_3	47	44	40	36	37	38	39
Aluminum	0.099	0.065	<0.045	0.074	0.075	0.064	0.048
Antimony	0.015	0.036	0.029	0.035	0.025	0.022	0.016
Arsenic	0.022	0.015	0.013	0.017	0.015	0.014	0.015
Barium	<0.010	<0.010	0.11	<0.010	<0.010	0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.12	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	8.7	12	13	11	10	11	9.1
Chloride	7.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.39	0.22	0.19	0.16	0.12	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.5	1.6	1.6	1.3	1.1	1.1	0.85
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.00076	0.0011	0.00072	0.00072	0.00048	<0.00010	<0.00010
Molybdenum	0.011	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.066	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.48	8.11	8.23	8.36	8.11	7.80	8.63
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	5.1	2.7	1.7	1.5	1.2	0.59	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	19	4.3	3.1	0.78	1.1	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	18	10	8.6	5.1	3.2	1.2	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	96	62	58	49	47	25	42
Vanadium	0.015	0.017	0.016	0.012	0.015	0.013	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.53	0.99	0.96	0.74	0.68	0.66	0.53
Anions, meq/L	1.45	0.94	0.84	0.74	0.68	0.65	0.63
Balance, %	2.5	2.7	6.3	<1.0	<1.0	1.1	9.0
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts, Comp 42 LCM16 176'-180', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	32	31	16	16	32	30	30
CO_3, $CaCO_3$	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	39	38	19	19	39	37	36
Aluminum	0.050	0.064	<0.045	<0.045	0.058	0.064	0.068
Antimony	0.014	0.013	0.010	0.0063	0.012	0.0087	0.0090
Arsenic	0.011	0.011	0.0095	0.0062	0.011	0.0099	0.011
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	11	12	5.8	6.0	11	11	11
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	0.81	0.80	0.59	0.51	0.68	0.57	<0.50
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.94	7.45	7.47	7.20	6.81	7.17	7.86
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	48	23	42	31	39	36	25
Vanadium	<0.010	<0.010	<0.010	<0.010	0.012	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.62	0.67	0.34	0.34	0.61	0.60	0.56
Anions, meq/L	0.64	0.62	0.31	0.31	0.64	0.61	0.59
Balance, %	1.4	3.8	4.1	4.6	2.2	<1.0	2.9
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts, Comp 42 LCM16 176'-180', Long Canyon Waste Rock Composites

	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	26	29	26
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	32	36	32
Aluminum	0.074	0.063	0.10
Antimony	0.0088	0.0070	0.0067
Arsenic	0.014	0.013	0.012
Barium	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	9.8	12	12
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	<0.50	0.59	<0.50
Manganese	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	7.77	7.50	7.66
Phosphorus	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	26	46	46
Vanadium	<0.010	<0.010	0.016
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	0.50	0.65	0.61
Anions, meq/L	0.52	0.59	0.52
Balance, %	2.7	5.2	7.5
WetLab Report #	1106246	1107209	1108134

Profile II Analytical Results, HC Test Extracts,
Comp 44 LCM16 254.2'-259.5', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	84	67	52	48	47	40	31
CO_3, $CaCO_3$	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	100	81	63	59	57	48	38
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0042	0.0078	0.0062	0.0066	0.0064	0.0054	0.0046
Arsenic	0.048	0.039	0.043	0.050	0.058	0.066	0.083
Barium	<0.010	<0.010	0.16	<0.010	0.12	0.051	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.29	0.20	0.12	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	25	19	16	14	14	13	10
Chloride	90	3.2	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	2.5	1.7	1.3	1.1	1.0	0.46	0.26
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	8.9	5.4	4.4	3.4	3.1	2.5	1.5
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.00051	0.00026	0.00063	0.00034	0.0002	<0.00010	<0.00010
Molybdenum	<0.050	<0.050	0.019	0.016	0.014	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.33	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.29	8.16	8.24	8.21	8.27	7.98	7.48
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	6.7	3.2	1.9	1.5	1.2	0.72	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	71	7.9	3.8	1.1	2.7	<0.50	<0.50
Strontium	0.31	0.20	0.17	0.15	0.14	0.10	<0.10
Sulfate	51	10	5.7	2.8	3.4	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	340	100	69	79	62	45	40
Vanadium	0.013	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	5.24	1.82	1.37	1.06	1.10	0.87	0.62
Anions, meq/L	5.37	1.72	1.22	1.08	1.06	0.81	0.64
Balance, %	1.2	2.9	6.0	<1.0	2.0	3.7	1.1
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts,
Comp 44 LCM16 254.2'-259.5', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	28	26	13	18	26	24	24
CO_3, $CaCO_3$	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	34	32	16	22	31	30	30
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.0041	0.0030	0.0027	<0.0025	<0.0025	<0.0025	0.0026
Arsenic	0.11	0.096	0.086	0.095	0.11	0.12	0.099
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	9.0	9.3	4.2	6.4	8.2	8.2	8.7
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.15	0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.2	1.1	0.88	0.91	0.82	0.78	0.78
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.88	7.52	7.39	7.24	6.77	7.22	7.57
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	35	41	28	28	34	42	39
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.55	0.55	0.28	0.39	0.48	0.47	0.50
Anions, meq/L	0.57	0.53	0.26	0.36	0.51	0.49	0.49
Balance, %	1.6	2.3	3.6	4.5	3.2	1.9	<1.0
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts,
Comp 44 LCM16 254.2'-259.5', Long Canyon Waste Rock Composites

	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	31	27	27
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	38	32	33
Aluminum	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025
Arsenic	0.056	0.064	0.065
Barium	0.011	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	10	9.8	8.9
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	0.95	0.79	0.71
Manganese	0.018	<0.0050	0.081
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	7.81	7.46	7.63
Phosphorus	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	41	38	36
Vanadium	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	0.58	0.55	0.51
Anions, meq/L	0.62	0.52	0.54
Balance, %	3.7	2.7	3.4
WetLab Report #	1106246	1107209	1108134

Profile II Analytical Results, HC Test Extracts,
Comp 53 LCM18 362.2'-378', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	49	61	59	47	48	38	28
CO_3, $CaCO_3$	11	6.1	5.4	6.3	6.9	3.2	<1.0
HCO_3	37	62	61	45	44	40	34
Aluminum	0.13	0.13	0.16	0.13	0.14	0.097	0.083
Antimony	0.011	0.023	0.021	0.018	0.014	0.0097	0.0087
Arsenic	0.028	0.033	0.035	0.032	0.027	0.020	0.015
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.12	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	7.5	6.2	6.6	6.3	7.0	6.1	6.2
Chloride	57	5.1	1.1	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.12	0.13	0.14	0.11	0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	0.021	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	0.16	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	12	12	13	9.3	9.2	6.1	4.6
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.0018	0.0010	0.0015	0.00084	0.00045	<0.00010	<0.00010
Molybdenum	<0.010	0.015	0.011	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.095	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	9.34	8.85	8.84	9.03	8.89	8.47	8.32
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	7.8	2.9	1.8	1.1	0.48	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	24	4.4	1.6	<0.50	<0.50	<0.50	0.68
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	8.4	5.5	4.8	3.5	2.4	1.1	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	170	75	51	49	43	33	42
Vanadium	0.026	0.021	<0.050	0.020	0.014	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.62	1.58	1.53	1.12	1.12	0.82	0.73
Anions, meq/L	2.76	1.48	1.32	1.03	1.01	0.79	0.56
Balance, %	2.6	3.0	7.5	4.5	5.4	2.0	13
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts,
Comp 53 LCM18 362.2'-378', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	35	29	21	24	30	28	30
CO_3, $CaCO_3$	1.3	2.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	40	32	26	29	37	34	36
Aluminum	0.080	0.10	<0.045	<0.045	0.082	0.073	0.074
Antimony	0.010	0.0090	0.012	0.011	0.011	0.0092	0.010
Arsenic	0.014	0.011	0.010	0.012	0.011	0.0091	0.010
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	6.5	6.7	2.9	4.6	6.7	6.8	7.0
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	4.4	4.0	3.3	3.4	3.2	3.2	3.2
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.026	0.67	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.35	8.37	7.89	7.45	7.31	7.57	8.22
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	48	41	27	42	29	43	43
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.70	0.67	0.42	0.51	0.61	0.61	0.62
Anions, meq/L	0.70	0.59	0.43	0.48	0.61	0.56	0.59
Balance, %	<1.0	6.6	1.2	3.5	<1.0	4.6	2.5
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts,
Comp 53 LCM18 362.2'-378', Long Canyon Waste Rock Composites

	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	31	31	27
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	38	38	33
Aluminum	<0.20	0.070	0.063
Antimony	0.0088	0.0087	0.0069
Arsenic	0.0091	0.012	0.0081
Barium	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	7.1	7.8	6.5
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	3.0	3.4	2.6
Manganese	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	8.15	7.89	7.93
Phosphorus	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10
Sulfate	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	24	34	19
Vanadium	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	0.61	0.68	0.55
Anions, meq/L	0.62	0.62	0.54
Balance, %	<1.0	4.2	<1.0
WetLab Report #	1106246	1107209	1108134

Profile II Analytical Results, HC Test Extracts, Comp 55 LC337c 29'-41', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 3	Week 4	Week 8	Week 12
Alkalinity, $CaCO_3$	110	65	60	62	62	61	60
CO_3, $CaCO_3$	2.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0
HCO_3	130	79	73	73	76	74	74
Aluminum	<0.045	<0.045	<0.045	<0.045	0.055	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	0.19	0.33	0.34	0.39	0.39	0.48	0.42
Barium	0.078	0.074	0.15	0.10	0.12	0.17	0.26
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	27	18	20	16	17	15	12
Chloride	8.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	3.0	3.4	2.6	1.6	1.1	0.36	0.19
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	11	6.4	7.3	5.7	6.2	5.2	4.6
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.19	0.022	0.0075	0.0036	0.0030	0.0010	0.00057
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.52	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.40	8.23	8.28	8.34	8.16	8.14	8.02
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	24	16	17	14	16	13	13
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	21	4.5	3.1	0.76	0.62	<0.50	<0.50
Strontium	0.19	0.15	0.17	0.15	0.15	0.13	0.15
Sulfate	61	38	29	21	18	10	8.1
Thallium	0.0014	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	250	150	130	120	120	81	95
Vanadium	0.018	0.013	0.011	0.011	0.012	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	3.78	2.03	2.17	1.66	1.80	1.51	1.30
Anions, meq/L	3.86	2.26	1.94	1.76	1.68	1.44	1.38
Balance, %	1.0	5.5	5.6	3.0	3.5	2.3	3.2
WetLab Report #	1008201	1008289	1008400	1008498	1009077	1010054	1011040

Profile II Analytical Results, HC Test Extracts, Comp 55 LC337c 29'-41', Long Canyon Waste Rock Composites

	Extract Week						
Analysis, mg/L	Week 16	Week 20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	58	66	41	42	46	58	45
CO_3, $CaCO_3$	<1.0	<1.0	1.8	<1.0	<1.0	<1.0	<1.0
HCO_3	71	81	46	51	56	70	55
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Arsenic	0.39	0.28	0.25	0.26	0.31	0.24	0.30
Barium	0.25	0.39	0.18	0.16	0.36	0.49	0.72
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	13	17	6.3	8.2	12	14	12
Chloride	<1.0	<1.0	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Fluoride	0.11	<0.10	<0.10	<0.10	<0.10	<0.10	0.12
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0050	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	4.3	4.9	3.9	3.6	2.7	3.5	2.7
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.00047	0.00061	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.19	8.11	8.37	7.82	7.11	7.71	8.02
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	12	13	11	10	8.8	9.7	8.6
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	0.14	0.18	<0.10	<0.10	0.12	0.16	0.13
Sulfate	5.7	<1.0	4.4	4.2	5.0	3.6	4.4
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	79	69	58	53	60	73	62
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.31	1.58	0.92	0.96	1.05	1.23	1.04
Anions, meq/L	1.29	1.33	0.91	0.92	1.02	1.22	1.00
Balance, %	<1.0	8.8	<1.0	2.0	1.2	<1.0	2.0
WetLab Report #	1011365	1012464	1103179	1103178	1103333	1104275	1105260

Profile II Analytical Results, HC Test Extracts, Comp 55 LC337c 29'-41', Long Canyon Waste Rock Composites

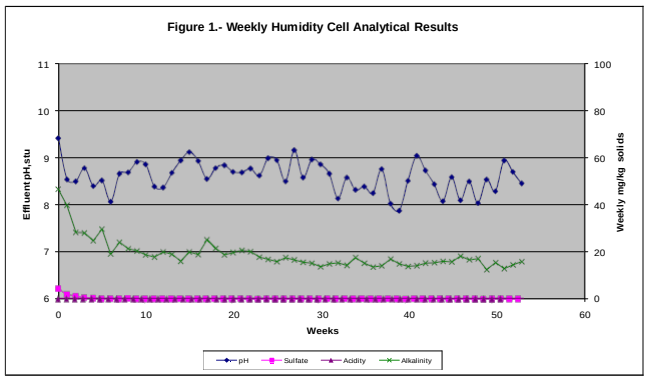
	Extract Week		
Analysis, mg/L	Week 44	Week 48	Week 52
Alkalinity, $CaCO_3$	63	63	49
CO_3, $CaCO_3$	<1.0	<1.0	<1.0
HCO_3	77	76	60
Aluminum	<0.045	<0.045	<0.045
Antimony	<0.0025	<0.0025	<0.0025
Arsenic	0.18	0.15	0.18
Barium	0.57	0.68	0.49
Beryllium	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010
Calcium	16	17	12
Chloride	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050
Fluoride	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10
Magnesium	3.6	3.6	2.7
Manganese	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025
pH, stu	8.05	7.90	7.94
Phosphorus	<0.50	<0.50	<0.50
Potassium	9.6	10	7.7
Scandium	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50
Strontium	0.17	0.19	0.13
Sulfate	2.9	2.6	3.1
Thallium	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10
Total Dissolved Solids	84	72	51
Vanadium	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010
Cations, meq/L	1.34	1.40	1.02
Anions, meq/L	1.32	1.30	1.05
Balance, %	<1.0	3.7	1.5
WetLab Report #	1106246	1107209	1108134

McClelland Laboratory Reports

Table 1 . - Humidity Cell Analytical Results, Comp 2 LCM01 48.5-75 (1.9306 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.145	9.40	124	0.20	0.02	0.012	0.012	0.00	0.02	7.5	4.45	4.45	0	0.00	0.00	78	46.26	46.26
1	0.978	8.53	151	0.17	0.00	0.000	0.012	0.00	0.00	4.3	2.18	6.63	0	0.00	0.00	78	39.51	85.77
2	1.042	8.49	174	0.17	0.01	0.005	0.017	0.01	0.00	2.8	1.51	8.14	0	0.00	0.00	52	28.07	113.84
3	0.958	8.77	192	0.17	0.01	0.005	0.022	0.01	0.00	2.0	0.99	9.13	0	0.00	0.00	56	27.79	141.63
4	1.030	8.39	198	0.17	0.00	0.000	0.022	0.00	0.00	1.4	0.75	9.88	0	0.00	0.00	46	24.54	166.17
5	0.947	8.51	182	0.17	0.01	0.005	0.027	0.00	0.01	1.0	0.49	10.37	0	0.00	0.00	60	29.43	195.60
6	1.014	8.06	208	0.16	0.03	0.016	0.043	0.01	0.02	1.1	0.58	10.95	0	0.00	0.00	36	18.91	214.51
7	0.959	8.65	162	0.16	0.03	0.015	0.058	0.01	0.02	1.0	0.50	11.45	0	0.00	0.00	48	23.84	238.35
8	1.020	8.68	179	0.16	0.01	0.005	0.063	0.00	0.01	1.3	0.69	12.14	0	0.00	0.00	40	21.13	259.48
9	0.976	8.90	142	0.15	0.00	0.000	0.063	0.00	0.00	1.0	0.51	12.65	0	0.00	0.00	40	20.22	279.70
10	0.997	8.85	148	0.15	0.03	0.015	0.078	0.01	0.02	1.0	0.52	13.17	0	0.00	0.00	36	18.59	298.29
11	1.004	8.38	167	0.15	0.02	0.010	0.088	0.00	0.02	1.0	0.52	13.69	0	0.00	0.00	34	17.68	315.97
12	1.004	8.36	140	0.15	0.03	0.016	0.104	0.00	0.03	1.0	0.52	14.21	0	0.00	0.00	38	19.76	335.73
13	0.958	8.67	145	0.15	0.00	0.000	0.104	0.00	0.00	1.0	0.50	14.71	0	0.00	0.00	38	18.86	354.59
14	1.017	8.93	163	0.15	0.01	0.005	0.109	0.00	0.01	1.0	0.53	15.24	0	0.00	0.00	30	15.80	370.39
15	1.004	9.11	169	0.15	0.01	0.005	0.114	0.01	0.00	1.0	0.52	15.76	0	0.00	0.00	38	19.76	390.15
16	1.001	8.92	166	0.15	0.02	0.010	0.124	0.00	0.02	1.0	0.52	16.28	0	0.00	0.00	36	18.67	408.82
17	0.964	8.54	144	0.15	0.01	0.005	0.129	0.00	0.01	1.0	0.50	16.78	0	0.00	0.00	50	24.97	433.79
18	1.028	8.77	202	0.15	0.01	0.005	0.134	0.00	0.01	1.0	0.53	17.31	0	0.00	0.00	40	21.30	455.09
19	0.995	8.83	205	0.15	0.03	0.015	0.149	0.00	0.03	1.0	0.52	17.83	0	0.00	0.00	36	18.55	473.64
20	0.945	8.69	206	0.15	0.01	0.005	0.154	0.00	0.01	1.0	0.49	18.32	0	0.00	0.00	40	19.58	493.22
21	1.040	8.68	237	0.15	0.00	0.000	0.154	0.00	0.00	1.0	0.54	18.86	0	0.00	0.00	38	20.47	513.69
22	1.011	8.76	184	0.15	0.00	0.000	0.154	0.00	0.00	1.0	0.52	19.38	0	0.00	0.00	38	19.90	533.59
23	0.892	8.61	194	0.15	0.01	0.005	0.159	0.00	0.01	1.0	0.46	19.84	0	0.00	0.00	38	17.56	551.15
24	1.070	8.98	177	0.14	0.02	0.011	0.170	0.00	0.02	1.0	0.55	20.39	0	0.00	0.00	30	16.63	567.78
25	1.009	8.94	177	0.14	0.00	0.000	0.170	0.00	0.00	1.0	0.52	20.91	0	0.00	0.00	30	15.68	583.46
26	0.987	8.49	194	0.14	0.02	0.010	0.180	0.01	0.01	1.0	0.51	21.42	0	0.00	0.00	34	17.38	600.84
27	0.992	9.15	225	0.14	0.04	0.021	0.201	0.00	0.04	1.0	0.51	21.93	0	0.00	0.00	32	16.44	617.28
28	0.992	8.57	246	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.51	22.44	0	0.00	0.00	30	15.41	632.69
29	1.002	8.95	265	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.52	22.96	0	0.00	0.00	29	15.05	647.74
30	0.931	8.85	273	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.48	23.44	0	0.00	0.00	28	13.50	661.24
31	1.053	8.65	180	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.55	23.99	0	0.00	0.00	27	14.73	675.97
32	0.975	8.13	97	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.51	24.50	0	0.00	0.00	30	15.15	691.12
33	1.048	8.57	169	0.14	0.01	0.005	0.206	0.00	0.01	1.0	0.54	25.04	0	0.00	0.00	26	14.11	705.23
34	0.934	8.31	157	0.15	0.00	0.000	0.206	0.00	0.00	1.0	0.48	25.52	0	0.00	0.00	36	17.42	722.65
35	1.037	8.38	187	0.14	0.04	0.021	0.227	0.00	0.04	1.0	0.54	26.06	0	0.00	0.00	28	15.04	737.69
36	0.995	8.24	166	0.14	0.00	0.000	0.227	0.00	0.00	1.0	0.52	26.58	0	0.00	0.00	26	13.40	751.09
37	0.957	8.75	150	0.14	0.00	0.000	0.227	0.00	0.00	1.0	0.50	27.08	0	0.00	0.00	28	13.88	764.97
38	1.045	8.02	263	0.15	0.00	0.000	0.227	0.00	0.00	1.0	0.54	27.62	0	0.00	0.00	31	16.78	781.75
39	0.949	7.87	285	0.15	0.00	0.000	0.227	0.00	0.00	1.0	0.49	28.11	0	0.00	0.00	30	14.75	796.50
40	0.906	8.50	253	0.15	0.02	0.009	0.236	0.00	0.02	1.0	0.47	28.58	0	0.00	0.00	29	13.61	810.11
41	1.039	9.03	131	0.14	0.01	0.005	0.241	0.00	0.01	1.0	0.54	29.12	0	0.00	0.00	26	13.99	824.10
42	0.969	8.72	205	0.15	0.01	0.005	0.246	0.00	0.01	1.0	0.50	29.62	0	0.00	0.00	30	15.06	839.16
43	0.981	8.43	143	0.15	0.00	0.000	0.246	0.00	0.00	1.0	0.51	30.13	0	0.00	0.00	30	15.24	854.40
44	0.985	8.07	200	0.15	0.05	0.026	0.272	0.00	0.05	1.0	0.51	30.64	0	0.00	0.00	31	15.82	870.22
45	0.943	8.58	221	0.15	0.00	0.000	0.272	0.00	0.00	1.0	0.49	31.13	0	0.00	0.00	32	15.63	885.85
46	0.992	8.09	204	0.15	0.00	0.000	0.272	0.00	0.00	1.0	0.51	31.64	0	0.00	0.00	35	17.98	903.83
47	0.993	8.49	174	0.15	0.00	0.000	0.272	0.00	0.00	1.0	0.51	32.15	0	0.00	0.00	32	16.46	920.29
48	0.994	8.03	216	0.15	0.00	0.000	0.272	0.00	0.00	1.0	0.51	32.66	0	0.00	0.00	33	16.99	937.28
49	0.914	8.53	203	0.15	0.00	0.000	0.272	0.00	0.00	1.0	0.47	33.13	0	0.00	0.00	26	12.31	949.59
50	0.982	8.28	158	0.15	0.00	0.000	0.272	0.00	0.00	1.0	0.51	33.64	0	0.00	0.00	30	15.26	964.85
51	1.026	8.93	86	0.14	0.00	0.000	0.272	0.00	0.00	1.0	0.53	34.17	0	0.00	0.00	24	12.75	977.60
52	0.986	8.69	195	0.15	0.02	0.010	0.282	0.01	0.01	1.0	0.51	34.68	0	0.00	0.00	28	14.30	991.90
53	0.978	8.45	209	0.15	0.02	0.010	0.292	0.02	0.00	1.0	0.51	35.19	0	0.00	0.00	31	15.70	1007.60

Test Terminated



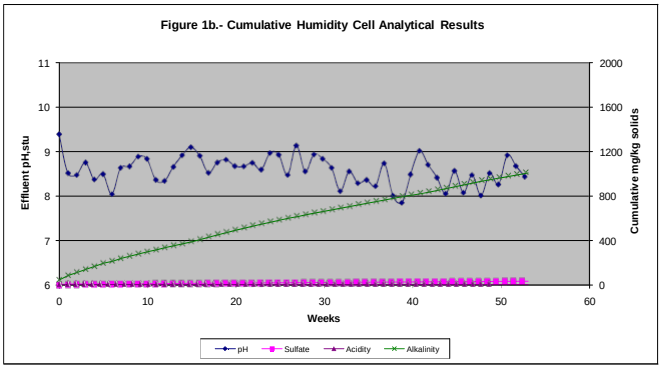
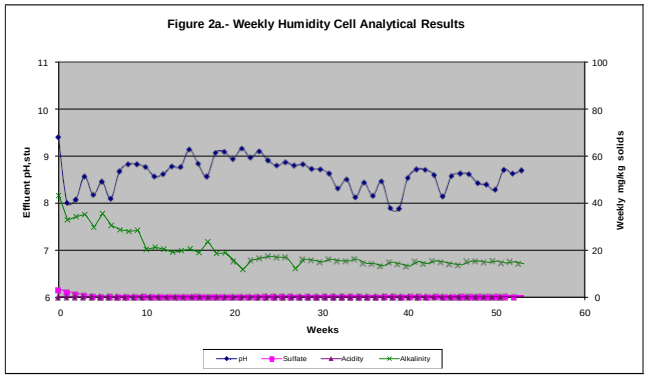


Table 2 . - Humidity Cell Analytical Results, Comp 5 LCM03 28.5-40.8 (1.9550 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.111	9.42	134	0.19	0.04	0.023	0.023	0.02	0.02	5.8	3.30	3.30	0	0.00	0.00	76	43.19	43.19
1	1.002	8.03	165	0.18	0.01	0.005	0.028	0.00	0.01	4.7	2.41	5.71	0	0.00	0.00	64	32.80	75.99
2	0.956	8.10	183	0.17	0.02	0.010	0.038	0.00	0.02	3.2	1.56	7.27	0	0.00	0.00	70	34.23	110.22
3	1.011	8.59	189	0.16	0.03	0.016	0.054	0.01	0.02	2.0	1.03	8.30	0	0.00	0.00	68	35.17	145.39
4	1.002	8.20	188	0.17	0.02	0.010	0.064	0.00	0.02	1.2	0.62	8.92	0	0.00	0.00	58	29.73	175.12
5	0.966	8.48	196	0.17	0.03	0.015	0.079	0.00	0.03	1.0	0.49	9.41	0	0.00	0.00	72	35.58	210.70
6	0.992	8.12	206	0.16	0.02	0.010	0.089	0.01	0.01	1.0	0.51	9.92	0	0.00	0.00	60	30.45	241.15
7	0.933	8.70	163	0.16	0.03	0.014	0.103	0.01	0.02	1.0	0.48	10.40	0	0.00	0.00	60	28.63	269.78
8	0.942	8.85	175	0.15	0.04	0.019	0.122	0.00	0.04	1.0	0.48	10.88	0	0.00	0.00	58	27.95	297.73
9	0.959	8.85	155	0.15	0.01	0.005	0.127	0.00	0.01	1.0	0.49	11.37	0	0.00	0.00	58	28.45	326.18
10	0.990	8.79	155	0.15	0.01	0.005	0.132	0.00	0.01	1.0	0.51	11.88	0	0.00	0.00	40	20.26	346.44
11	0.941	8.59	166	0.16	0.01	0.005	0.137	0.00	0.01	1.0	0.48	12.36	0	0.00	0.00	44	21.18	367.62
12	0.947	8.64	152	0.15	0.01	0.005	0.142	0.00	0.01	1.0	0.48	12.84	0	0.00	0.00	42	20.34	387.96
13	0.931	8.80	153	0.15	0.04	0.019	0.161	0.01	0.03	1.0	0.48	13.32	0	0.00	0.00	40	19.05	407.01
14	0.963	8.79	163	0.15	0.00	0.000	0.161	0.00	0.00	1.0	0.49	13.81	0	0.00	0.00	40	19.70	426.71
15	0.955	9.16	160	0.15	0.02	0.010	0.171	0.00	0.02	1.0	0.49	14.30	0	0.00	0.00	42	20.52	447.23
16	0.975	8.86	171	0.15	0.00	0.000	0.171	0.00	0.00	1.0	0.50	14.80	0	0.00	0.00	38	18.95	466.18
17	0.922	8.59	144	0.15	0.01	0.005	0.176	0.00	0.01	1.0	0.47	15.27	0	0.00	0.00	50	23.58	489.76
18	0.902	9.09	186	0.15	0.01	0.005	0.181	0.00	0.01	1.0	0.46	15.73	0	0.00	0.00	40	18.46	508.22
19	0.922	9.11	190	0.15	0.00	0.000	0.181	0.00	0.00	1.0	0.47	16.20	0	0.00	0.00	40	18.86	527.08
20	0.880	8.96	191	0.14	0.02	0.009	0.190	0.00	0.02	1.0	0.45	16.65	0	0.00	0.00	34	15.30	542.38
21	0.880	9.18	206	0.14	0.00	0.000	0.190	0.00	0.00	1.0	0.45	17.10	0	0.00	0.00	26	11.70	554.08
22	0.967	8.99	177	0.15	0.00	0.000	0.190	0.00	0.00	1.0	0.49	17.59	0	0.00	0.00	32	15.83	569.91
23	0.952	9.12	214	0.14	0.01	0.005	0.195	0.01	0.00	1.0	0.49	18.08	0	0.00	0.00	34	16.56	586.47
24	1.001	8.93	171	0.14	0.00	0.000	0.195	0.00	0.00	1.0	0.51	18.59	0	0.00	0.00	34	17.41	603.88
25	0.974	8.82	204	0.14	0.00	0.000	0.195	0.00	0.00	1.0	0.50	19.09	0	0.00	0.00	34	16.94	620.82
26	0.980	8.89	189	0.14	0.01	0.005	0.200	0.00	0.01	1.0	0.50	19.59	0	0.00	0.00	34	17.04	637.86
27	0.985	8.82	236	0.14	0.01	0.005	0.205	0.01	0.00	1.0	0.50	20.09	0	0.00	0.00	24	12.09	649.95
28	0.958	8.85	237	0.14	0.00	0.000	0.205	0.00	0.00	1.0	0.49	20.58	0	0.00	0.00	33	16.17	666.12
29	0.995	8.75	264	0.15	0.00	0.000	0.205	0.00	0.00	1.0	0.51	21.09	0	0.00	0.00	31	15.78	681.90
30	0.941	8.74	276	0.15	0.00	0.000	0.205	0.00	0.00	1.0	0.48	21.57	0	0.00	0.00	31	14.92	696.82
31	1.020	8.65	183	0.14	0.00	0.000	0.205	0.00	0.00	1.0	0.52	22.09	0	0.00	0.00	31	16.17	712.99
32	0.974	8.34	115	0.15	0.00	0.000	0.205	0.00	0.00	1.0	0.50	22.59	0	0.00	0.00	31	15.44	728.43
33	0.971	8.53	170	0.15	0.06	0.030	0.235	0.00	0.06	1.0	0.50	23.09	0	0.00	0.00	31	15.40	743.83
34	0.994	8.15	171	0.15	0.00	0.000	0.235	0.00	0.00	1.0	0.51	23.60	0	0.00	0.00	32	16.27	760.10
35	0.969	8.46	185	0.14	0.00	0.000	0.235	0.00	0.00	1.0	0.50	24.10	0	0.00	0.00	29	14.37	774.47
36	0.965	8.18	266	0.14	0.02	0.010	0.245	0.00	0.02	1.0	0.49	24.59	0	0.00	0.00	29	14.31	788.78
37	0.931	8.49	195	0.14	0.00	0.000	0.245	0.00	0.00	1.0	0.48	25.07	0	0.00	0.00	28	13.33	802.11
38	1.040	7.92	325	0.15	0.03	0.016	0.261	0.00	0.03	1.0	0.53	25.60	0	0.00	0.00	28	14.90	817.01
39	0.985	7.91	322	0.15	0.00	0.000	0.261	0.00	0.00	1.0	0.50	26.10	0	0.00	0.00	28	14.11	831.12
40	0.922	8.56	274	0.14	0.00	0.000	0.261	0.00	0.00	1.0	0.47	26.57	0	0.00	0.00	28	13.21	844.33
41	1.025	8.74	226	0.14	0.02	0.010	0.271	0.02	0.00	1.0	0.52	27.09	0	0.00	0.00	29	15.20	859.53
42	0.995	8.73	221	0.14	0.06	0.031	0.302	0.00	0.06	1.0	0.51	27.60	0	0.00	0.00	28	14.25	873.78
43	0.943	8.62	182	0.14	0.01	0.005	0.307	0.00	0.01	1.0	0.48	28.08	0	0.00	0.00	32	15.44	889.22
44	1.011	8.17	212	0.15	0.01	0.005	0.312	0.00	0.01	1.0	0.52	28.60	0	0.00	0.00	29	15.00	904.22
45	0.953	8.60	239	0.15	0.01	0.005	0.317	0.00	0.01	1.0	0.49	29.09	0	0.00	0.00	29	14.14	918.36
46	0.893	8.65	185	0.15	0.00	0.000	0.317	0.00	0.00	1.0	0.46	29.55	0	0.00	0.00	30	13.70	932.06
47	0.997	8.64	162	0.15	0.01	0.005	0.322	0.00	0.01	1.0	0.51	30.06	0	0.00	0.00	30	15.30	947.36
48	0.970	8.45	219	0.15	0.02	0.010	0.332	0.00	0.02	1.0	0.50	30.56	0	0.00	0.00	31	15.38	962.74
49	0.970	8.42	202	0.15	0.00	0.000	0.332	0.00	0.00	1.0	0.50	31.06	0	0.00	0.00	30	14.88	977.62
50	0.973	8.31	155	0.15	0.01	0.005	0.337	0.00	0.01	1.0	0.50	31.56	0	0.00	0.00	31	15.43	993.05
51	0.985	8.73	98	0.15	0.00	0.000	0.337	0.00	0.00	1.0	0.50	32.06	0	0.00	0.00	29	14.61	1007.66
52	0.988	8.65	187	0.15	0.01	0.005	0.342	0.00	0.01	1.0	0.51	32.57	0	0.00	0.00	30	15.16	1022.82
53	0.933	8.72	197	0.15	0.00	0.000	0.342	0.00	0.00	1.0	0.48	33.05	0	0.00	0.00	30	14.32	1037.14

Test Terminated



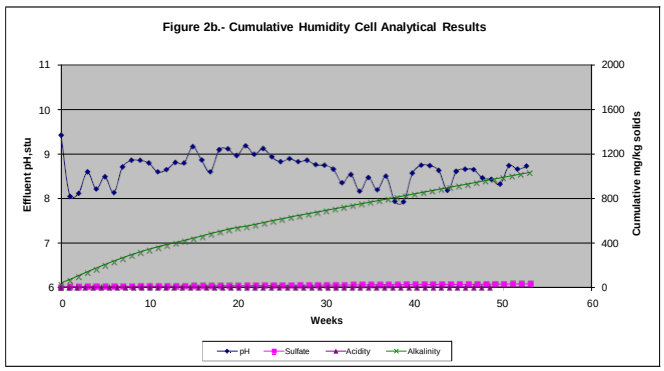
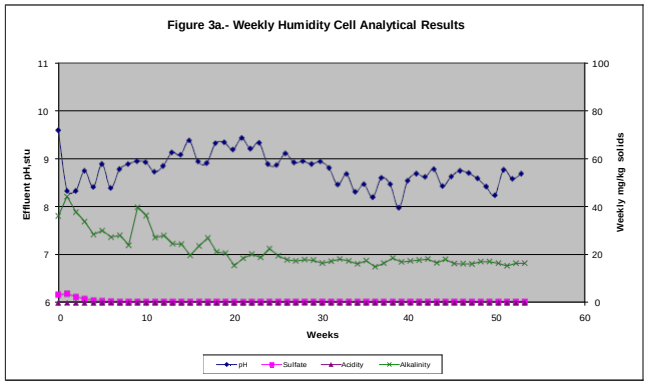


Table 3 . - Humidity Cell Analytical Results, Comp 18 LCM08 260.5-269 (1.9283 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.087	9.59	109	0.24	0.01	0.006	0.006	0.00	0.01	5.9	3.33	3.33	0	0.00	0.00	64	36.08	36.08
1	1.011	8.33	157	0.22	0.00	0.000	0.006	0.00	0.00	7.0	3.67	7.00	0	0.00	0.00	84	44.04	80.12
2	0.980	8.33	181	0.19	0.00	0.000	0.006	0.00	0.00	4.7	2.39	9.39	0	0.00	0.00	74	37.61	117.73
3	0.984	8.75	191	0.18	0.00	0.000	0.006	0.00	0.00	3.1	1.58	10.97	0	0.00	0.00	66	33.68	151.41
4	0.978	8.41	176	0.18	0.00	0.000	0.006	0.00	0.00	2.1	1.07	12.04	0	0.00	0.00	56	28.40	179.81
5	0.964	8.89	183	0.18	0.03	0.015	0.021	0.00	0.03	1.5	0.75	12.79	0	0.00	0.00	60	30.00	209.81
6	0.976	8.39	189	0.18	0.01	0.005	0.026	0.01	0.00	1.2	0.61	13.40	0	0.00	0.00	54	27.33	237.14
7	0.932	8.78	154	0.17	0.05	0.024	0.050	0.01	0.04	1.0	0.48	13.88	0	0.00	0.00	58	28.03	265.17
8	0.924	8.89	176	0.16	0.01	0.005	0.055	0.00	0.01	1.0	0.48	14.36	0	0.00	0.00	50	23.96	289.13
9	0.955	8.95	145	0.16	0.01	0.005	0.060	0.00	0.01	1.0	0.50	14.86	0	0.00	0.00	80	39.62	328.75
10	0.997	8.93	147	0.16	0.02	0.010	0.070	0.00	0.02	1.0	0.52	15.38	0	0.00	0.00	70	36.19	364.94
11	0.969	8.73	149	0.16	0.01	0.005	0.075	0.00	0.01	1.0	0.50	15.88	0	0.00	0.00	54	27.14	392.08
12	0.900	8.85	148	0.16	0.02	0.009	0.084	0.02	0.00	1.0	0.47	16.35	0	0.00	0.00	60	28.00	420.08
13	0.913	9.13	142	0.15	0.02	0.009	0.093	0.00	0.02	1.0	0.47	16.82	0	0.00	0.00	52	24.62	444.70
14	0.905	9.08	157	0.15	0.01	0.005	0.098	0.00	0.01	1.0	0.47	17.29	0	0.00	0.00	52	24.40	469.10
15	0.906	9.38	164	0.15	0.02	0.009	0.107	0.00	0.02	1.0	0.47	17.76	0	0.00	0.00	42	19.73	488.83
16	0.990	8.94	168	0.15	0.00	0.000	0.107	0.00	0.00	1.0	0.51	18.27	0	0.00	0.00	46	23.62	512.45
17	0.896	8.91	144	0.15	0.02	0.009	0.116	0.00	0.02	1.0	0.46	18.73	0	0.00	0.00	58	26.95	539.40
18	0.854	9.32	169	0.15	0.00	0.000	0.116	0.00	0.00	1.0	0.44	19.17	0	0.00	0.00	48	21.26	560.66
19	0.866	9.34	179	0.15	0.00	0.000	0.116	0.00	0.00	1.0	0.45	19.62	0	0.00	0.00	46	20.66	581.32
20	0.837	9.19	179	0.15	0.01	0.004	0.120	0.00	0.01	1.0	0.43	20.05	0	0.00	0.00	36	15.63	596.95
21	0.812	9.43	176	0.15	0.02	0.008	0.128	0.00	0.02	1.0	0.42	20.47	0	0.00	0.00	44	18.53	615.48
22	0.892	9.21	162	0.16	0.00	0.000	0.128	0.00	0.00	1.0	0.46	20.93	0	0.00	0.00	44	20.35	635.83
23	0.872	9.33	177	0.15	0.09	0.041	0.169	0.01	0.08	1.0	0.45	21.38	0	0.00	0.00	42	18.99	654.82
24	0.989	8.89	186	0.15	0.00	0.000	0.169	0.00	0.00	1.0	0.51	21.89	0	0.00	0.00	44	22.57	677.39
25	0.996	8.87	183	0.15	0.01	0.005	0.174	0.00	0.01	1.0	0.52	22.41	0	0.00	0.00	38	19.63	697.02
26	0.911	9.11	173	0.15	0.01	0.005	0.179	0.01	0.00	1.0	0.47	22.88	0	0.00	0.00	38	17.95	714.97
27	0.993	8.92	241	0.15	0.00	0.000	0.179	0.00	0.00	1.0	0.51	23.39	0	0.00	0.00	34	17.51	732.48
28	0.967	8.95	233	0.14	0.01	0.005	0.184	0.01	0.00	1.0	0.50	23.89	0	0.00	0.00	36	18.05	750.53
29	1.010	8.89	261	0.15	0.00	0.000	0.184	0.00	0.00	1.0	0.52	24.41	0	0.00	0.00	34	17.81	768.34
30	0.970	8.94	281	0.15	0.00	0.000	0.184	0.00	0.00	1.0	0.50	24.91	0	0.00	0.00	33	16.60	784.94
31	1.011	8.81	175	0.15	0.00	0.000	0.184	0.00	0.00	1.0	0.52	25.43	0	0.00	0.00	33	17.30	802.24
32	0.981	8.46	124	0.15	0.00	0.000	0.184	0.00	0.00	1.0	0.51	25.94	0	0.00	0.00	36	18.31	820.55
33	0.965	8.68	188	0.15	0.00	0.000	0.184	0.00	0.00	1.0	0.50	26.44	0	0.00	0.00	35	17.52	838.07
34	0.922	8.31	165	0.15	0.00	0.000	0.184	0.00	0.00	1.0	0.48	26.92	0	0.00	0.00	34	16.26	854.33
35	0.970	8.47	183	0.15	0.01	0.005	0.189	0.00	0.01	1.0	0.50	27.42	0	0.00	0.00	35	17.61	871.94
36	0.938	8.20	205	0.15	0.01	0.005	0.194	0.00	0.01	1.0	0.49	27.91	0	0.00	0.00	31	15.08	887.02
37	0.941	8.60	183	0.15	0.00	0.000	0.194	0.00	0.00	1.0	0.49	28.40	0	0.00	0.00	34	16.59	903.61
38	0.949	8.47	255	0.16	0.00	0.000	0.194	0.00	0.00	1.0	0.49	28.89	0	0.00	0.00	38	18.70	922.31
39	0.971	7.98	318	0.15	0.00	0.000	0.194	0.00	0.00	1.0	0.50	29.39	0	0.00	0.00	34	17.12	939.43
40	0.990	8.54	280	0.15	0.01	0.005	0.199	0.00	0.01	1.0	0.51	29.90	0	0.00	0.00	34	17.46	956.89
41	0.955	8.69	119	0.15	0.03	0.015	0.214	0.00	0.03	1.0	0.50	30.40	0	0.00	0.00	36	17.83	974.72
42	1.005	8.62	238	0.15	0.00	0.000	0.214	0.00	0.00	1.0	0.52	30.92	0	0.00	0.00	35	18.24	992.96
43	0.920	8.78	149	0.15	0.02	0.010	0.224	0.00	0.02	1.0	0.48	31.40	0	0.00	0.00	35	16.70	1009.66
44	0.970	8.43	159	0.16	0.01	0.005	0.229	0.00	0.01	1.0	0.50	31.90	0	0.00	0.00	36	18.11	1027.77
45	0.930	8.63	241	0.15	0.00	0.000	0.229	0.00	0.00	1.0	0.48	32.38	0	0.00	0.00	34	16.40	1044.17
46	0.954	8.75	191	0.16	0.01	0.005	0.234	0.00	0.01	1.0	0.49	32.87	0	0.00	0.00	33	16.33	1060.50
47	0.948	8.70	163	0.16	0.00	0.000	0.234	0.00	0.00	1.0	0.49	33.36	0	0.00	0.00	33	16.22	1076.72
48	0.974	8.59	224	0.15	0.03	0.015	0.249	0.00	0.03	1.0	0.51	33.87	0	0.00	0.00	34	17.17	1093.89
49	0.976	8.42	201	0.16	0.02	0.010	0.259	0.00	0.02	1.0	0.51	34.38	0	0.00	0.00	34	17.21	1111.10
50	0.964	8.24	156	0.15	0.02	0.010	0.269	0.00	0.02	1.0	0.50	34.88	0	0.00	0.00	33	16.50	1127.60
51	0.993	8.77	90	0.15	0.01	0.005	0.274	0.00	0.01	1.0	0.51	35.39	0	0.00	0.00	30	15.45	1143.05
52	0.996	8.58	174	0.15	0.01	0.005	0.279	0.00	0.01	1.0	0.52	35.91	0	0.00	0.00	32	16.53	1159.58
53	0.939	8.69	195	0.15	0.01	0.005	0.284	0.00	0.01	1.0	0.49	36.40	0	0.00	0.00	34	16.56	1176.14

Test Terminated



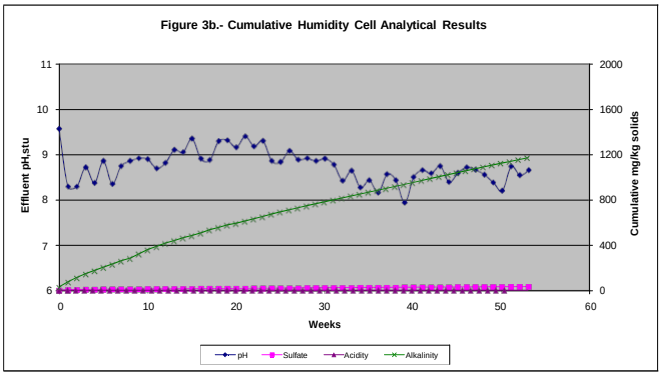
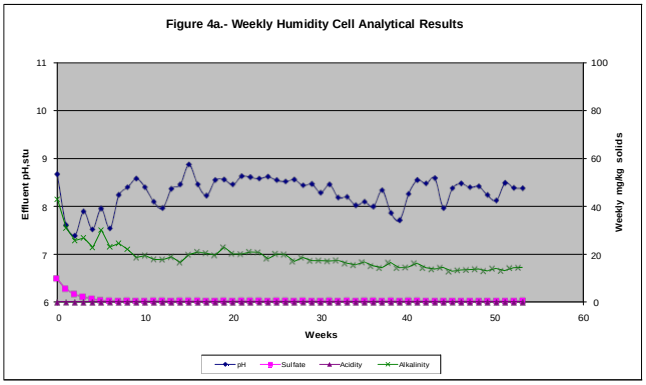


Table 4 . - Humidity Cell Analytical Results, Comp 22 LCM11 69-73.5 (1.9255 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.086	8.68	136	0.21	0.01	0.006	0.006	0.00	0.01	17.0	9.59	9.59	0	0.00	0.00	76	42.86	42.86
1	0.958	7.63	143	0.19	0.00	0.000	0.006	0.00	0.00	11.0	5.47	15.06	0	0.00	0.00	62	30.85	73.71
2	0.987	7.41	174	0.18	0.01	0.005	0.011	0.00	0.01	6.4	3.28	18.34	0	0.00	0.00	50	25.63	99.34
3	0.920	7.91	206	0.17	0.01	0.005	0.016	0.01	0.00	4.5	2.15	20.49	0	0.00	0.00	56	26.76	126.10
4	0.993	7.54	197	0.17	0.01	0.005	0.021	0.00	0.01	2.7	1.39	21.88	0	0.00	0.00	44	22.69	148.79
5	0.965	7.97	212	0.17	0.03	0.015	0.036	0.00	0.03	1.5	0.75	22.63	0	0.00	0.00	60	30.07	178.86
6	1.008	7.56	211	0.16	0.04	0.021	0.057	0.00	0.04	1.0	0.52	23.15	0	0.00	0.00	44	23.03	201.89
7	0.982	8.25	183	0.16	0.01	0.005	0.062	0.00	0.01	1.0	0.51	23.66	0	0.00	0.00	48	24.48	226.37
8	1.007	8.41	200	0.16	0.02	0.010	0.072	0.00	0.02	1.0	0.52	24.18	0	0.00	0.00	42	21.97	248.34
9	0.991	8.59	162	0.15	0.04	0.021	0.093	0.00	0.04	1.0	0.51	24.69	0	0.00	0.00	36	18.53	266.87
10	0.984	8.41	170	0.15	0.00	0.000	0.093	0.00	0.00	1.0	0.51	25.20	0	0.00	0.00	38	19.42	286.29
11	1.009	8.11	178	0.16	0.00	0.000	0.093	0.00	0.00	1.0	0.52	25.72	0	0.00	0.00	34	17.82	304.11
12	1.002	7.98	181	0.15	0.00	0.000	0.093	0.00	0.00	1.0	0.52	26.24	0	0.00	0.00	34	17.69	321.80
13	0.956	8.38	173	0.15	0.02	0.010	0.103	0.00	0.02	1.0	0.50	26.74	0	0.00	0.00	38	18.87	340.67
14	0.992	8.47	180	0.15	0.01	0.005	0.108	0.01	0.00	1.0	0.52	27.26	0	0.00	0.00	32	16.49	357.16
15	1.000	8.88	181	0.15	0.00	0.000	0.108	0.00	0.00	1.0	0.52	27.78	0	0.00	0.00	38	19.74	376.90
16	1.006	8.47	190	0.15	0.00	0.000	0.108	0.00	0.00	1.0	0.52	28.30	0	0.00	0.00	40	20.90	397.80
17	0.980	8.24	156	0.15	0.02	0.010	0.118	0.00	0.02	1.0	0.51	28.81	0	0.00	0.00	40	20.36	418.16
18	0.986	8.56	199	0.15	0.02	0.010	0.128	0.00	0.02	1.0	0.51	29.32	0	0.00	0.00	38	19.46	437.62
19	0.999	8.57	206	0.15	0.00	0.000	0.128	0.00	0.00	1.0	0.52	29.84	0	0.00	0.00	44	22.83	460.45
20	0.967	8.47	219	0.15	0.01	0.005	0.133	0.00	0.01	1.0	0.50	30.34	0	0.00	0.00	40	20.09	480.54
21	1.016	8.64	257	0.15	0.03	0.016	0.149	0.02	0.01	1.0	0.53	30.87	0	0.00	0.00	38	20.05	500.59
22	1.004	8.62	211	0.15	0.00	0.000	0.149	0.00	0.00	1.0	0.52	31.39	0	0.00	0.00	40	20.86	521.45
23	0.996	8.59	200	0.15	0.08	0.041	0.190	0.00	0.08	1.0	0.52	31.91	0	0.00	0.00	40	20.69	542.14
24	0.968	8.63	199	0.14	0.00	0.000	0.190	0.00	0.00	1.0	0.50	32.41	0	0.00	0.00	36	18.10	560.24
25	1.017	8.56	202	0.15	0.00	0.000	0.190	0.00	0.00	1.0	0.53	32.94	0	0.00	0.00	38	20.07	580.31
26	1.004	8.53	201	0.15	0.00	0.000	0.190	0.00	0.00	1.0	0.52	33.46	0	0.00	0.00	38	19.81	600.12
27	0.963	8.57	235	0.14	0.00	0.000	0.190	0.00	0.00	1.0	0.50	33.96	0	0.00	0.00	34	17.00	617.12
28	1.023	8.45	244	0.14	0.02	0.011	0.201	0.00	0.02	1.0	0.53	34.49	0	0.00	0.00	35	18.60	635.72
29	0.975	8.48	256	0.15	0.00	0.000	0.201	0.00	0.00	1.0	0.51	35.00	0	0.00	0.00	34	17.22	652.94
30	0.951	8.30	270	0.15	0.00	0.000	0.201	0.00	0.00	1.0	0.49	35.49	0	0.00	0.00	35	17.29	670.23
31	1.028	8.47	182	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.53	36.02	0	0.00	0.00	32	17.08	687.31
32	0.985	8.20	137	0.15	0.00	0.000	0.201	0.00	0.00	1.0	0.51	36.53	0	0.00	0.00	34	17.39	704.70
33	1.007	8.21	195	0.15	0.00	0.000	0.201	0.00	0.00	1.0	0.52	37.05	0	0.00	0.00	31	16.21	720.91
34	0.930	8.04	177	0.15	0.00	0.000	0.201	0.00	0.00	1.0	0.48	37.53	0	0.00	0.00	32	15.46	736.37
35	1.035	8.11	200	0.15	0.03	0.016	0.217	0.01	0.02	1.0	0.54	38.07	0	0.00	0.00	31	16.66	753.03
36	0.998	8.01	221	0.15	0.00	0.000	0.217	0.00	0.00	1.0	0.52	38.59	0	0.00	0.00	29	15.03	768.06
37	0.982	8.35	203	0.14	0.01	0.005	0.222	0.00	0.01	1.0	0.51	39.10	0	0.00	0.00	28	14.28	782.34
38	1.023	7.88	329	0.15	0.02	0.011	0.233	0.00	0.02	1.0	0.53	39.63	0	0.00	0.00	31	16.47	798.81
39	0.982	7.73	327	0.14	0.00	0.000	0.233	0.00	0.00	1.0	0.51	40.14	0	0.00	0.00	28	14.28	813.09
40	0.996	8.27	288	0.15	0.00	0.000	0.233	0.00	0.00	1.0	0.52	40.66	0	0.00	0.00	28	14.48	827.57
41	1.076	8.56	92	0.14	0.00	0.000	0.233	0.00	0.00	1.0	0.56	41.22	0	0.00	0.00	29	16.21	843.78
42	0.977	8.49	243	0.14	0.01	0.005	0.238	0.00	0.01	1.0	0.51	41.73	0	0.00	0.00	28	14.21	857.99
43	0.942	8.60	124	0.15	0.02	0.010	0.248	0.00	0.02	1.0	0.49	42.22	0	0.00	0.00	28	13.70	871.69
44	0.987	7.98	222	0.15	0.00	0.000	0.248	0.00	0.00	1.0	0.51	42.73	0	0.00	0.00	28	14.35	886.04
45	0.913	8.39	238	0.15	0.00	0.000	0.248	0.00	0.00	1.0	0.47	43.20	0	0.00	0.00	27	12.80	898.84
46	0.953	8.49	203	0.15	0.00	0.000	0.248	0.00	0.00	1.0	0.49	43.69	0	0.00	0.00	27	13.36	912.20
47	0.963	8.41	174	0.15	0.02	0.010	0.258	0.01	0.01	1.0	0.50	44.19	0	0.00	0.00	27	13.50	925.70
48	0.984	8.43	233	0.15	0.02	0.010	0.268	0.00	0.02	1.0	0.51	44.70	0	0.00	0.00	27	13.80	939.50
49	0.927	8.25	199	0.15	0.01	0.005	0.273	0.00	0.01	1.0	0.48	45.18	0	0.00	0.00	27	13.00	952.50
50	0.967	8.14	158	0.15	0.00	0.000	0.273	0.00	0.00	1.0	0.50	45.68	0	0.00	0.00	28	14.06	966.56
51	0.933	8.50	96	0.14	0.01	0.005	0.278	0.01	0.00	1.0	0.48	46.16	0	0.00	0.00	27	13.08	979.64
52	0.983	8.40	173	0.15	0.00	0.000	0.278	0.00	0.00	1.0	0.51	46.67	0	0.00	0.00	28	14.29	993.93
53	0.992	8.39	207	0.15	0.02	0.010	0.288	0.00	0.02	1.0	0.52	47.19	0	0.00	0.00	28	14.43	1008.36

Test Terminated



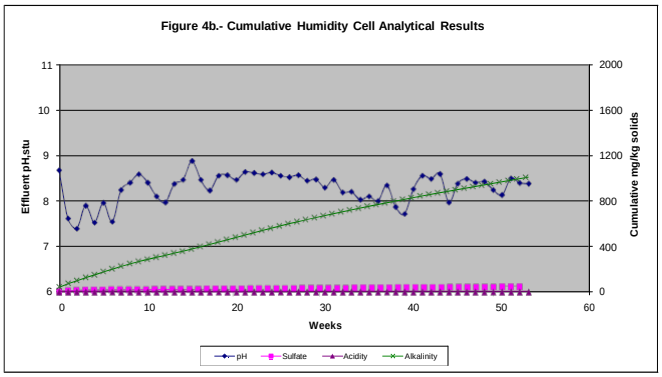
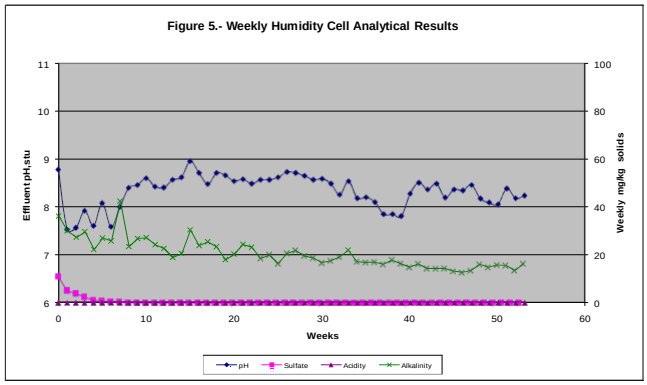


Table 5 . - Humidity Cell Analytical Results, Comp 42 LCM16 176-180 (1.9446 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.132	8.78	159	0.20	0.00	0.000	0.000	0.00	0.00	19.0	11.06	11.06	0	0.00	0.00	62	36.09	36.09
1	0.970	7.54	180	0.17	0.00	0.000	0.000	0.00	0.00	11.0	5.49	16.55	0	0.00	0.00	60	29.93	66.02
2	0.948	7.58	194	0.17	0.02	0.010	0.010	0.01	0.01	8.8	4.29	20.84	0	0.00	0.00	56	27.30	93.32
3	1.067	7.93	202	0.16	0.01	0.005	0.015	0.01	0.00	5.2	2.85	23.69	0	0.00	0.00	54	29.63	122.95
4	0.983	7.62	191	0.17	0.02	0.010	0.025	0.00	0.02	3.1	1.57	25.26	0	0.00	0.00	44	22.24	145.19
5	1.049	8.09	211	0.16	0.01	0.005	0.030	0.01	0.00	2.4	1.29	26.55	0	0.00	0.00	50	26.97	172.16
6	1.002	7.60	200	0.16	0.03	0.015	0.045	0.00	0.03	1.9	0.98	27.53	0	0.00	0.00	50	25.76	197.92
7	0.982	8.01	166	0.16	0.05	0.025	0.070	0.00	0.05	1.7	0.86	28.39	0	0.00	0.00	84	42.42	240.34
8	0.989	8.40	201	0.16	0.01	0.005	0.075	0.00	0.01	1.1	0.56	28.95	0	0.00	0.00	46	23.40	263.74
9	0.999	8.46	164	0.15	0.00	0.000	0.075	0.00	0.00	1.2	0.62	29.57	0	0.00	0.00	52	26.71	290.45
10	1.016	8.60	163	0.14	0.00	0.000	0.075	0.00	0.00	1.0	0.52	30.09	0	0.00	0.00	52	27.17	317.62
11	0.980	8.43	170	0.16	0.00	0.000	0.075	0.00	0.00	1.0	0.50	30.59	0	0.00	0.00	48	24.19	341.81
12	0.998	8.41	172	0.15	0.00	0.000	0.075	0.00	0.00	1.0	0.51	31.10	0	0.00	0.00	44	22.58	364.39
13	0.965	8.57	168	0.15	0.03	0.015	0.090	0.01	0.02	1.0	0.50	31.60	0	0.00	0.00	38	18.86	383.25
14	1.003	8.62	170	0.15	0.01	0.005	0.095	0.00	0.01	1.0	0.52	32.12	0	0.00	0.00	40	20.63	403.88
15	0.984	8.95	186	0.14	0.04	0.020	0.115	0.00	0.04	1.0	0.51	32.63	0	0.00	0.00	60	30.36	434.24
16	1.009	8.71	185	0.15	0.00	0.000	0.115	0.00	0.00	1.0	0.52	33.15	0	0.00	0.00	46	23.87	458.11
17	0.951	8.48	163	0.15	0.01	0.005	0.120	0.00	0.01	1.0	0.49	33.64	0	0.00	0.00	52	25.43	483.54
18	0.945	8.71	204	0.15	0.01	0.005	0.125	0.00	0.01	1.0	0.49	34.13	0	0.00	0.00	48	23.33	506.87
19	0.967	8.66	192	0.15	0.00	0.000	0.125	0.00	0.00	1.0	0.50	34.63	0	0.00	0.00	36	17.90	524.77
20	0.985	8.54	219	0.14	0.00	0.000	0.125	0.00	0.00	1.0	0.51	35.14	0	0.00	0.00	40	20.26	545.03
21	1.030	8.58	218	0.15	0.03	0.016	0.141	0.00	0.03	1.0	0.53	35.67	0	0.00	0.00	46	24.36	569.39
22	1.020	8.49	215	0.15	0.02	0.010	0.151	0.00	0.02	1.0	0.52	36.19	0	0.00	0.00	44	23.08	592.47
23	0.947	8.57	192	0.15	0.04	0.019	0.170	0.00	0.04	1.0	0.49	36.68	0	0.00	0.00	38	18.51	610.98
24	1.023	8.57	189	0.14	0.00	0.000	0.170	0.00	0.00	1.0	0.53	37.21	0	0.00	0.00	38	19.99	630.97
25	0.988	8.62	151	0.14	0.00	0.000	0.170	0.00	0.00	1.0	0.51	37.72	0	0.00	0.00	32	16.26	647.23
26	1.002	8.73	195	0.15	0.02	0.010	0.180	0.00	0.02	1.0	0.52	38.24	0	0.00	0.00	40	20.61	667.84
27	1.031	8.71	222	0.14	0.03	0.016	0.196	0.00	0.03	1.0	0.53	38.77	0	0.00	0.00	41	21.74	689.58
28	0.975	8.65	236	0.14	0.01	0.005	0.201	0.00	0.01	1.0	0.50	39.27	0	0.00	0.00	39	19.55	709.13
29	1.037	8.57	268	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.53	39.80	0	0.00	0.00	35	18.66	727.79
30	0.952	8.59	285	0.15	0.00	0.000	0.201	0.00	0.00	1.0	0.49	40.29	0	0.00	0.00	34	16.65	744.44
31	1.035	8.49	181	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.53	40.82	0	0.00	0.00	33	17.56	762.00
32	1.006	8.26	139	0.15	0.00	0.000	0.201	0.00	0.00	1.0	0.52	41.34	0	0.00	0.00	37	19.14	781.14
33	1.014	8.54	187	0.14	0.00	0.000	0.201	0.00	0.00	1.0	0.52	41.86	0	0.00	0.00	42	21.90	803.04
34	0.953	8.19	172	0.15	0.01	0.005	0.206	0.00	0.01	1.0	0.49	42.35	0	0.00	0.00	35	17.15	820.19
35	0.995	8.21	198	0.15	0.03	0.015	0.221	0.02	0.01	1.0	0.51	42.86	0	0.00	0.00	33	16.89	837.08
36	1.003	8.11	217	0.15	0.01	0.005	0.226	0.00	0.01	1.0	0.52	43.38	0	0.00	0.00	33	17.02	854.10
37	1.003	7.86	242	0.15	0.01	0.005	0.231	0.01	0.00	1.0	0.52	43.90	0	0.00	0.00	31	15.99	870.09
38	0.991	7.86	341	0.15	0.01	0.005	0.236	0.01	0.00	1.0	0.51	44.41	0	0.00	0.00	35	17.84	887.93
39	0.995	7.82	330	0.15	0.02	0.010	0.246	0.01	0.01	1.0	0.51	44.92	0	0.00	0.00	32	16.37	904.30
40	0.963	8.28	295	0.15	0.02	0.010	0.256	0.01	0.01	1.0	0.50	45.42	0	0.00	0.00	30	14.86	919.16
41	1.088	8.51	186	0.14	0.01	0.006	0.262	0.00	0.01	1.0	0.56	45.98	0	0.00	0.00	29	16.23	935.39
42	0.930	8.37	249	0.15	0.01	0.005	0.267	0.00	0.01	1.0	0.48	46.46	0	0.00	0.00	30	14.35	949.74
43	0.995	8.49	138	0.15	0.00	0.000	0.267	0.00	0.00	1.0	0.51	46.97	0	0.00	0.00	28	14.33	964.07
44	1.034	8.20	157	0.14	0.01	0.005	0.272	0.00	0.01	1.0	0.53	47.50	0	0.00	0.00	27	14.36	978.43
45	0.991	8.37	240	0.14	0.01	0.005	0.277	0.00	0.01	1.0	0.51	48.01	0	0.00	0.00	26	13.25	991.68
46	0.988	8.35	214	0.15	0.02	0.010	0.287	0.00	0.02	1.0	0.51	48.52	0	0.00	0.00	25	12.70	1004.38
47	1.094	8.46	176	0.15	0.01	0.006	0.293	0.00	0.01	1.0	0.56	49.08	0	0.00	0.00	24	13.50	1017.88
48	0.977	8.18	261	0.15	0.01	0.005	0.298	0.00	0.01	1.0	0.50	49.58	0	0.00	0.00	32	16.08	1033.96
49	1.032	8.10	203	0.15	0.00	0.000	0.298	0.00	0.00	1.0	0.53	50.11	0	0.00	0.00	28	14.86	1048.82
50	0.989	8.06	160	0.15	0.00	0.000	0.298	0.00	0.00	1.0	0.51	50.62	0	0.00	0.00	31	15.77	1064.59
51	1.080	8.39	101	0.15	0.01	0.006	0.304	0.00	0.01	1.0	0.56	51.18	0	0.00	0.00	28	15.55	1080.14
52	0.970	8.19	182	0.15	0.01	0.005	0.309	0.00	0.01	1.0	0.50	51.68	0	0.00	0.00	27	13.47	1093.61
53	1.022	8.24	213	0.15	0.02	0.011	0.320	0.00	0.02	1.0	0.53	52.21	0	0.00	0.00	31	16.29	1109.90

Test Terminated



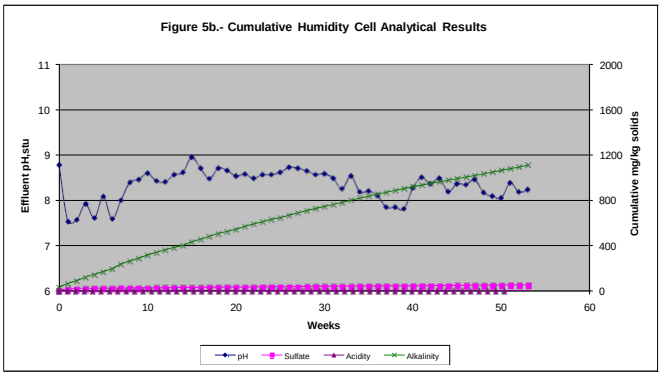
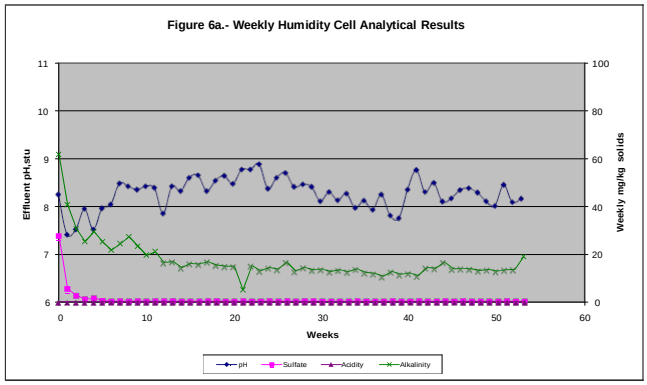


Table 6 . - Humidity Cell Analytical Results, Comp 44 LCM16 254.2-259.5 (1.9669 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.048	8.25	171	0.63	0.00	0.000	0.000	0.00	0.00	52.0	27.71	27.71	0	0.00	0.00	116	61.81	61.81
1	1.085	7.41	191	0.21	0.02	0.011	0.011	0.01	0.01	10.0	5.52	33.23	0	0.00	0.00	74	40.82	102.63
2	0.970	7.52	209	0.18	0.02	0.010	0.021	0.00	0.02	5.8	2.86	36.09	0	0.00	0.00	62	30.58	133.21
3	0.924	7.95	208	0.18	0.03	0.014	0.035	0.02	0.01	2.8	1.32	37.41	0	0.00	0.00	54	25.37	158.58
4	1.077	7.52	198	0.18	0.03	0.016	0.051	0.00	0.03	3.3	1.81	39.22	0	0.00	0.00	54	29.57	188.15
5	1.035	7.96	185	0.17	0.01	0.005	0.056	0.00	0.01	1.4	0.74	39.96	0	0.00	0.00	48	25.26	213.41
6	0.972	8.04	206	0.17	0.04	0.020	0.076	0.00	0.04	1.0	0.49	40.45	0	0.00	0.00	44	21.74	235.15
7	1.048	8.48	185	0.16	0.04	0.021	0.097	0.01	0.03	1.0	0.53	40.98	0	0.00	0.00	46	24.51	259.66
8	0.928	8.42	207	0.16	0.03	0.014	0.111	0.01	0.02	1.0	0.47	41.45	0	0.00	0.00	58	27.36	287.02
9	1.096	8.35	173	0.16	0.01	0.006	0.117	0.00	0.01	1.0	0.56	42.01	0	0.00	0.00	42	23.40	310.42
10	0.922	8.42	175	0.16	0.03	0.014	0.131	0.00	0.03	1.0	0.47	42.48	0	0.00	0.00	42	19.69	330.11
11	1.040	8.39	163	0.16	0.02	0.011	0.142	0.01	0.01	1.0	0.53	43.01	0	0.00	0.00	40	21.15	351.26
12	1.020	7.85	167	0.16	0.01	0.005	0.147	0.01	0.00	1.0	0.52	43.53	0	0.00	0.00	32	16.59	367.85
13	1.050	8.42	162	0.15	0.03	0.016	0.163	0.01	0.02	1.0	0.53	44.06	0	0.00	0.00	32	17.08	384.93
14	0.952	8.32	182	0.15	0.03	0.015	0.178	0.00	0.03	1.0	0.48	44.54	0	0.00	0.00	30	14.52	399.45
15	0.998	8.60	181	0.14	0.02	0.010	0.188	0.00	0.02	1.0	0.51	45.05	0	0.00	0.00	32	16.24	415.69
16	0.983	8.65	181	0.15	0.02	0.010	0.198	0.00	0.02	1.0	0.50	45.55	0	0.00	0.00	32	15.99	431.68
17	1.045	8.32	172	0.14	0.03	0.016	0.214	0.02	0.01	1.0	0.53	46.08	0	0.00	0.00	32	17.00	448.68
18	1.024	8.54	207	0.14	0.03	0.016	0.230	0.01	0.02	1.0	0.52	46.60	0	0.00	0.00	30	15.62	464.30
19	0.992	8.64	212	0.14	0.00	0.000	0.230	0.00	0.00	1.0	0.50	47.10	0	0.00	0.00	30	15.13	479.43
20	0.990	8.47	217	0.14	0.00	0.000	0.230	0.00	0.00	1.0	0.50	47.60	0	0.00	0.00	30	15.10	494.53
21	1.015	8.77	269	0.14	0.00	0.000	0.230	0.00	0.00	1.0	0.52	48.12	0	0.00	0.00	10	5.16	499.69
22	1.005	8.77	184	0.14	0.01	0.005	0.235	0.01	0.00	1.0	0.51	48.63	0	0.00	0.00	30	15.33	515.02
23	1.002	8.88	183	0.14	0.12	0.061	0.296	0.00	0.12	1.0	0.51	49.14	0	0.00	0.00	26	13.25	528.27
24	1.018	8.37	194	0.14	0.00	0.000	0.296	0.00	0.00	1.0	0.52	49.66	0	0.00	0.00	28	14.49	542.76
25	0.974	8.60	214	0.14	0.09	0.045	0.341	0.00	0.09	1.0	0.50	50.16	0	0.00	0.00	28	13.87	556.63
26	1.035	8.70	219	0.14	0.01	0.005	0.346	0.00	0.01	1.0	0.53	50.69	0	0.00	0.00	32	16.84	573.47
27	0.954	8.41	226	0.14	0.03	0.015	0.361	0.00	0.03	1.0	0.49	51.18	0	0.00	0.00	27	13.10	586.57
28	1.026	8.46	214	0.13	0.01	0.005	0.366	0.01	0.00	1.0	0.52	51.70	0	0.00	0.00	28	14.61	601.18
29	1.028	8.41	254	0.14	0.00	0.000	0.366	0.00	0.00	1.0	0.52	52.22	0	0.00	0.00	26	13.59	614.77
30	0.974	8.11	288	0.14	0.00	0.000	0.366	0.00	0.00	1.0	0.50	52.72	0	0.00	0.00	28	13.87	628.64
31	0.976	8.30	177	0.14	0.00	0.000	0.366	0.00	0.00	1.0	0.50	53.22	0	0.00	0.00	26	12.90	641.54
32	0.991	8.13	184	0.14	0.00	0.000	0.366	0.00	0.00	1.0	0.50	53.72	0	0.00	0.00	27	13.60	655.14
33	1.010	8.27	189	0.14	0.00	0.000	0.366	0.00	0.00	1.0	0.51	54.23	0	0.00	0.00	25	12.84	667.98
34	1.060	7.97	184	0.14	0.01	0.005	0.371	0.00	0.01	1.0	0.54	54.77	0	0.00	0.00	26	14.01	681.99
35	0.988	8.12	200	0.14	0.03	0.015	0.386	0.00	0.03	1.0	0.50	55.27	0	0.00	0.00	25	12.56	694.55
36	0.995	7.93	210	0.14	0.02	0.010	0.396	0.02	0.00	1.0	0.51	55.78	0	0.00	0.00	24	12.14	706.69
37	0.981	8.25	257	0.14	0.04	0.020	0.416	0.00	0.04	1.0	0.50	56.28	0	0.00	0.00	22	10.97	717.66
38	1.055	7.81	349	0.14	0.03	0.016	0.432	0.00	0.03	1.0	0.54	56.82	0	0.00	0.00	24	12.87	730.53
39	1.004	7.75	331	0.14	0.03	0.015	0.447	0.01	0.02	1.0	0.51	57.33	0	0.00	0.00	23	11.74	742.27
40	1.006	8.35	295	0.14	0.01	0.005	0.452	0.00	0.01	1.0	0.51	57.84	0	0.00	0.00	24	12.28	754.55
41	1.042	8.76	179	0.13	0.02	0.011	0.463	0.01	0.01	1.0	0.53	58.37	0	0.00	0.00	21	11.13	765.68
42	0.951	8.30	249	0.15	0.01	0.005	0.468	0.00	0.01	1.0	0.48	58.85	0	0.00	0.00	30	14.51	780.19
43	0.970	8.49	147	0.15	0.01	0.005	0.473	0.00	0.01	1.0	0.49	59.34	0	0.00	0.00	29	14.30	794.49
44	1.065	8.10	174	0.15	0.01	0.005	0.478	0.01	0.00	1.0	0.54	59.88	0	0.00	0.00	31	16.79	811.28
45	0.979	8.17	246	0.15	0.02	0.010	0.488	0.00	0.02	1.0	0.50	60.38	0	0.00	0.00	28	13.94	825.22
46	1.034	8.34	223	0.15	0.01	0.005	0.493	0.00	0.01	1.0	0.53	60.91	0	0.00	0.00	27	14.19	839.41
47	0.983	8.38	180	0.15	0.02	0.010	0.503	0.01	0.01	1.0	0.50	61.41	0	0.00	0.00	28	13.99	853.40
48	0.973	8.29	254	0.15	0.01	0.005	0.508	0.01	0.00	1.0	0.49	61.90	0	0.00	0.00	27	13.36	866.76
49	0.996	8.11	209	0.15	0.02	0.010	0.518	0.00	0.02	1.0	0.51	62.41	0	0.00	0.00	27	13.67	880.43
50	0.984	8.01	163	0.15	0.02	0.010	0.528	0.00	0.02	1.0	0.50	62.91	0	0.00	0.00	26	13.01	893.44
51	1.033	8.45	108	0.15	0.01	0.005	0.533	0.01	0.00	1.0	0.53	63.44	0	0.00	0.00	26	13.65	907.09
52	1.004	8.09	189	0.15	0.03	0.015	0.548	0.00	0.03	1.0	0.51	63.95	0	0.00	0.00	27	13.78	920.87
53	0.915	8.16	220	0.16	0.02	0.009	0.557	0.00	0.02	1.0	0.47	64.42	0	0.00	0.00	41	19.07	939.94

Test Terminated



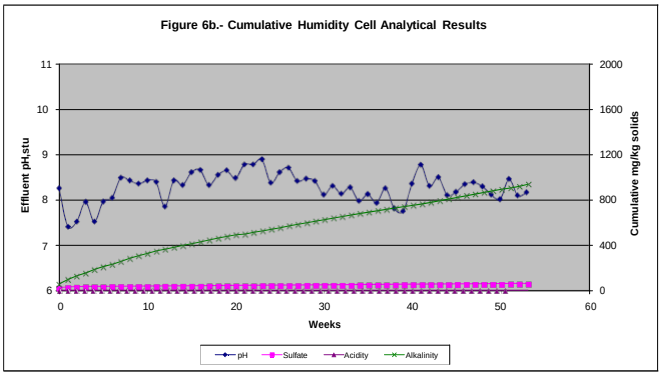
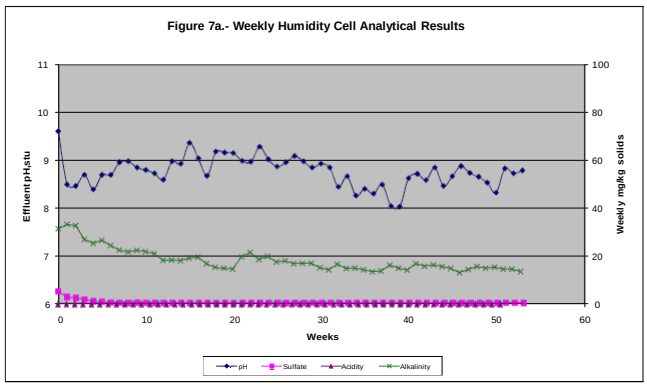


Table 7 . - Humidity Cell Analytical Results, Comp 53 LCM18 362-378 (1.9209 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.109	9.59	117	0.34	0.01	0.006	0.006	0.00	0.01	8.7	5.02	5.02	0	0.00	0.00	54	31.18	31.18
1	0.992	8.49	145	0.19	0.02	0.010	0.016	0.00	0.02	5.6	2.89	7.91	0	0.00	0.00	64	33.05	64.23
2	0.977	8.46	172	0.19	0.03	0.015	0.031	0.00	0.03	4.9	2.49	10.40	0	0.00	0.00	64	32.55	96.78
3	1.027	8.69	165	0.18	0.02	0.011	0.042	0.00	0.02	3.5	1.87	12.27	0	0.00	0.00	50	26.73	123.51
4	0.968	8.39	166	0.18	0.00	0.000	0.042	0.00	0.00	2.3	1.16	13.43	0	0.00	0.00	50	25.20	148.71
5	0.976	8.69	189	0.18	0.01	0.005	0.047	0.00	0.01	2.0	1.02	14.45	0	0.00	0.00	52	26.42	175.13
6	0.971	8.69	201	0.17	0.01	0.005	0.052	0.00	0.01	1.4	0.71	15.16	0	0.00	0.00	48	24.26	199.39
7	0.933	8.95	162	0.17	0.01	0.005	0.057	0.01	0.00	1.1	0.53	15.69	0	0.00	0.00	46	22.34	221.73
8	0.944	8.97	184	0.16	0.00	0.000	0.057	0.00	0.00	1.0	0.49	16.18	0	0.00	0.00	44	21.62	243.35
9	0.970	8.84	151	0.16	0.03	0.015	0.072	0.00	0.03	1.2	0.61	16.79	0	0.00	0.00	44	22.22	265.57
10	0.992	8.79	157	0.16	0.00	0.000	0.072	0.00	0.00	1.1	0.57	17.36	0	0.00	0.00	42	21.69	287.26
11	0.955	8.72	158	0.16	0.01	0.005	0.077	0.00	0.01	1.0	0.50	17.86	0	0.00	0.00	42	20.88	308.14
12	0.916	8.59	156	0.16	0.03	0.014	0.091	0.02	0.01	1.0	0.48	18.34	0	0.00	0.00	38	18.12	326.26
13	0.921	8.97	154	0.15	0.01	0.005	0.096	0.00	0.01	1.0	0.48	18.82	0	0.00	0.00	38	18.22	344.48
14	0.911	8.92	157	0.15	0.03	0.014	0.110	0.01	0.02	1.0	0.47	19.29	0	0.00	0.00	38	18.02	362.50
15	0.912	9.35	162	0.15	0.03	0.014	0.124	0.00	0.03	1.0	0.47	19.76	0	0.00	0.00	40	18.99	381.49
16	0.983	9.03	173	0.15	0.00	0.000	0.124	0.00	0.00	1.0	0.51	20.27	0	0.00	0.00	38	19.45	400.94
17	0.891	8.67	147	0.15	0.00	0.000	0.124	0.00	0.00	1.0	0.46	20.73	0	0.00	0.00	36	16.70	417.64
18	0.860	9.17	176	0.15	0.02	0.009	0.133	0.00	0.02	1.0	0.45	21.18	0	0.00	0.00	34	15.22	432.86
19	0.889	9.15	189	0.15	0.00	0.000	0.133	0.00	0.00	1.0	0.46	21.64	0	0.00	0.00	32	14.81	447.67
20	0.866	9.14	186	0.15	0.00	0.000	0.133	0.00	0.00	1.0	0.45	22.09	0	0.00	0.00	32	14.43	462.10
21	0.987	8.98	226	0.15	0.01	0.005	0.138	0.00	0.01	1.0	0.51	22.60	0	0.00	0.00	38	19.53	481.63
22	0.976	8.96	175	0.15	0.00	0.000	0.138	0.00	0.00	1.0	0.51	23.11	0	0.00	0.00	42	21.34	502.97
23	0.936	9.27	157	0.14	0.02	0.010	0.148	0.01	0.01	1.0	0.49	23.60	0	0.00	0.00	38	18.52	521.49
24	0.998	9.01	175	0.15	0.01	0.005	0.153	0.00	0.01	1.0	0.52	24.12	0	0.00	0.00	38	19.74	541.23
25	0.984	8.86	199	0.15	0.02	0.010	0.163	0.00	0.02	1.0	0.51	24.63	0	0.00	0.00	34	17.42	558.65
26	0.955	8.95	188	0.15	0.02	0.010	0.173	0.00	0.02	1.0	0.50	25.13	0	0.00	0.00	36	17.90	576.55
27	0.948	9.08	208	0.15	0.02	0.010	0.183	0.00	0.02	1.0	0.49	25.62	0	0.00	0.00	34	16.78	593.33
28	0.953	8.97	223	0.14	0.01	0.005	0.188	0.01	0.00	1.0	0.50	26.12	0	0.00	0.00	34	16.87	610.20
29	1.014	8.84	259	0.15	0.00	0.000	0.188	0.00	0.00	1.0	0.53	26.65	0	0.00	0.00	32	16.89	627.09
30	0.964	8.92	273	0.15	0.00	0.000	0.188	0.00	0.00	1.0	0.50	27.15	0	0.00	0.00	30	15.06	642.15
31	1.012	8.84	165	0.14	0.00	0.000	0.188	0.00	0.00	1.0	0.53	27.68	0	0.00	0.00	27	14.22	656.37
32	0.989	8.44	136	0.15	0.00	0.000	0.188	0.00	0.00	1.0	0.51	28.19	0	0.00	0.00	32	16.48	672.85
33	0.946	8.66	181	0.15	0.00	0.000	0.188	0.00	0.00	1.0	0.49	28.68	0	0.00	0.00	30	14.77	687.62
34	0.956	8.26	175	0.15	0.00	0.000	0.188	0.00	0.00	1.0	0.50	29.18	0	0.00	0.00	30	14.93	702.55
35	0.938	8.40	185	0.15	0.01	0.005	0.193	0.00	0.01	1.0	0.49	29.67	0	0.00	0.00	29	14.16	716.71
36	0.917	8.30	201	0.15	0.02	0.010	0.203	0.00	0.02	1.0	0.48	30.15	0	0.00	0.00	28	13.37	730.08
37	0.942	8.49	258	0.15	0.00	0.000	0.203	0.00	0.00	1.0	0.49	30.64	0	0.00	0.00	28	13.73	743.81
38	0.997	8.04	353	0.15	0.01	0.005	0.208	0.00	0.01	1.0	0.52	31.16	0	0.00	0.00	31	16.09	759.90
39	0.987	8.03	319	0.15	0.02	0.010	0.218	0.00	0.02	1.0	0.51	31.67	0	0.00	0.00	29	14.90	774.80
40	0.934	8.62	296	0.15	0.00	0.000	0.218	0.00	0.00	1.0	0.49	32.16	0	0.00	0.00	29	14.10	788.90
41	1.039	8.71	138	0.14	0.04	0.022	0.240	0.00	0.04	1.0	0.54	32.70	0	0.00	0.00	31	16.77	805.67
42	0.940	8.58	136	0.15	0.00	0.000	0.240	0.00	0.00	1.0	0.49	33.19	0	0.00	0.00	32	15.66	821.33
43	0.974	8.84	150	0.15	0.00	0.000	0.240	0.00	0.00	1.0	0.51	33.70	0	0.00	0.00	32	16.23	837.56
44	0.961	8.46	163	0.15	0.00	0.000	0.240	0.00	0.00	1.0	0.50	34.20	0	0.00	0.00	31	15.51	853.07
45	0.980	8.66	238	0.15	0.01	0.005	0.245	0.00	0.01	1.0	0.51	34.71	0	0.00	0.00	29	14.80	867.87
46	0.892	8.87	216	0.15	0.02	0.009	0.254	0.00	0.02	1.0	0.46	35.17	0	0.00	0.00	28	13.00	880.87
47	0.948	8.73	174	0.15	0.01	0.005	0.259	0.01	0.00	1.0	0.49	35.66	0	0.00	0.00	29	14.31	895.18
48	0.964	8.65	259	0.15	0.00	0.000	0.259	0.00	0.00	1.0	0.50	36.16	0	0.00	0.00	31	15.56	910.74
49	0.983	8.53	194	0.15	0.02	0.010	0.269	0.00	0.02	1.0	0.51	36.67	0	0.00	0.00	29	14.84	925.58
50	0.944	8.32	149	0.15	0.01	0.005	0.274	0.01	0.00	1.0	0.49	37.16	0	0.00	0.00	31	15.23	940.81
51	0.990	8.82	95	0.15	0.04	0.021	0.295	0.01	0.03	1.0	0.52	37.68	0	0.00	0.00	28	14.43	955.24
52	0.990	8.72	169	0.15	0.00	0.000	0.295	0.00	0.00	1.0	0.52	38.20	0	0.00	0.00	28	14.43	969.67
53	0.923	8.78	187	0.15	0.03	0.014	0.309	0.00	0.03	1.0	0.48	38.68	0	0.00	0.00	28	13.45	983.12

Test Terminated



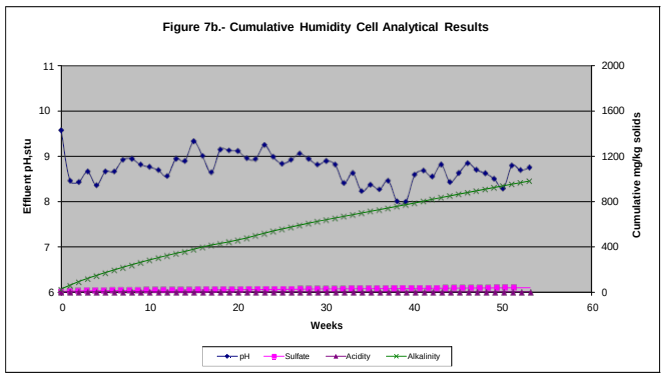
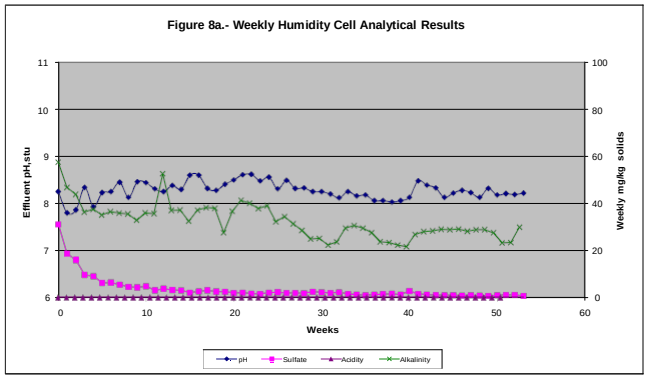
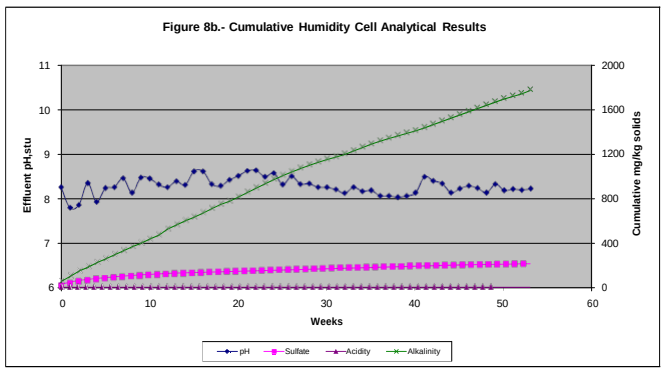


Table 8 . - Humidity Cell Analytical Results, Comp 55 LC337c 29-41 (2.0142 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	0.987	8.26	190	0.41	0.01	0.005	0.005	0.00	0.01	64.0	31.36	31.36	0	0.00	0.00	118	57.82	57.82
1	0.913	7.81	165	0.28	0.01	0.005	0.010	0.00	0.01	42.0	19.04	50.40	0	0.00	0.00	104	47.14	104.96
2	1.059	7.87	181	0.24	0.03	0.016	0.026	0.00	0.03	31.0	16.30	66.70	0	0.00	0.00	84	44.16	149.12
3	0.879	8.35	196	0.23	0.03	0.013	0.039	0.00	0.03	23.0	10.04	76.74	0	0.00	0.00	84	36.66	185.78
4	1.060	7.94	190	0.23	0.01	0.005	0.044	0.00	0.01	18.0	9.47	86.21	0	0.00	0.00	72	37.89	223.67
5	0.892	8.24	211	0.22	0.04	0.018	0.062	0.00	0.04	15.0	6.64	92.85	0	0.00	0.00	80	35.43	259.10
6	0.976	8.26	211	0.21	0.00	0.000	0.062	0.00	0.00	14.0	6.78	99.63	0	0.00	0.00	76	36.83	295.93
7	0.986	8.46	175	0.20	0.03	0.015	0.077	0.01	0.02	12.0	5.87	105.50	0	0.00	0.00	74	36.22	332.15
8	0.903	8.14	201	0.19	0.00	0.000	0.077	0.00	0.00	11.0	4.93	110.43	0	0.00	0.00	80	35.87	368.02
9	0.955	8.47	164	0.19	0.04	0.019	0.096	0.00	0.04	10.0	4.74	115.17	0	0.00	0.00	70	33.19	401.21
10	1.044	8.45	148	0.18	0.01	0.005	0.101	0.00	0.01	10.0	5.18	120.35	0	0.00	0.00	70	36.28	437.49
11	0.907	8.32	174	0.19	0.00	0.000	0.101	0.00	0.00	7.8	3.51	123.86	0	0.00	0.00	80	36.02	473.51
12	1.006	8.26	174	0.19	0.01	0.005	0.106	0.00	0.01	8.4	4.20	128.06	0	0.00	0.00	106	52.94	526.45
13	0.965	8.39	174	0.19	0.00	0.000	0.106	0.00	0.00	7.6	3.64	131.70	0	0.00	0.00	78	37.37	563.82
14	0.994	8.31	186	0.18	0.01	0.005	0.111	0.00	0.01	7.1	3.50	135.20	0	0.00	0.00	76	37.51	601.33
15	0.825	8.61	178	0.18	0.02	0.008	0.119	0.00	0.02	6.0	2.46	137.66	0	0.00	0.00	80	32.77	634.10
16	0.993	8.61	189	0.18	0.00	0.000	0.119	0.00	0.00	6.2	3.06	140.72	0	0.00	0.00	76	37.47	671.57
17	0.996	8.33	175	0.18	0.00	0.000	0.119	0.00	0.00	7.1	3.51	144.23	0	0.00	0.00	78	38.57	710.14
18	0.964	8.29	214	0.17	0.00	0.000	0.119	0.00	0.00	6.2	2.97	147.20	0	0.00	0.00	80	38.29	748.43
19	0.878	8.42	217	0.18	0.01	0.004	0.123	0.00	0.01	6.6	2.88	150.08	0	0.00	0.00	64	27.90	776.33
20	0.931	8.51	223	0.18	0.00	0.000	0.123	0.00	0.00	5.0	2.31	152.39	0	0.00	0.00	80	36.98	813.31
21	0.975	8.62	184	0.18	0.00	0.000	0.123	0.00	0.00	5.2	2.52	154.91	0	0.00	0.00	86	41.63	854.94
22	0.992	8.63	194	0.19	0.01	0.005	0.128	0.00	0.01	4.3	2.12	157.03	0	0.00	0.00	82	40.39	895.33
23	0.914	8.49	254	0.19	0.00	0.000	0.128	0.00	0.00	4.4	2.00	159.03	0	0.00	0.00	84	38.12	933.45
24	0.968	8.57	240	0.18	0.00	0.000	0.128	0.00	0.00	5.1	2.45	161.48	0	0.00	0.00	82	39.41	972.86
25	0.993	8.32	222	0.17	0.04	0.020	0.148	0.00	0.04	5.5	2.71	164.19	0	0.00	0.00	66	32.54	1005.40
26	0.972	8.50	192	0.18	0.01	0.005	0.153	0.00	0.01	4.9	2.36	166.55	0	0.00	0.00	72	34.75	1040.15
27	0.966	8.33	246	0.17	0.00	0.000	0.153	0.00	0.00	5.0	2.40	168.95	0	0.00	0.00	66	31.65	1071.80
28	0.923	8.34	265	0.17	0.00	0.000	0.153	0.00	0.00	4.9	2.25	171.20	0	0.00	0.00	63	28.87	1100.67
29	0.943	8.26	292	0.18	0.00	0.000	0.153	0.00	0.00	6.2	2.90	174.10	0	0.00	0.00	54	25.28	1125.95
30	0.967	8.26	306	0.17	0.01	0.005	0.158	0.00	0.01	5.4	2.59	176.69	0	0.00	0.00	53	25.44	1151.39
31	0.929	8.21	184	0.16	0.00	0.000	0.158	0.00	0.00	5.1	2.35	179.04	0	0.00	0.00	49	22.60	1173.99
32	1.007	8.13	201	0.17	0.00	0.000	0.158	0.00	0.00	5.3	2.65	181.69	0	0.00	0.00	48	24.00	1197.99
33	0.984	8.26	203	0.17	0.00	0.000	0.158	0.00	0.00	4.0	1.95	183.64	0	0.00	0.00	61	29.80	1227.79
34	0.958	8.17	178	0.19	0.00	0.000	0.158	0.00	0.00	3.6	1.71	185.35	0	0.00	0.00	65	30.92	1258.71
35	0.924	8.19	193	0.16	0.02	0.009	0.167	0.00	0.02	3.0	1.38	186.73	0	0.00	0.00	65	29.82	1288.53
36	0.969	8.07	213	0.17	0.03	0.014	0.181	0.00	0.03	3.4	1.64	188.37	0	0.00	0.00	58	27.90	1316.43
37	0.968	8.07	301	0.17	0.01	0.005	0.186	0.00	0.01	3.9	1.87	190.24	0	0.00	0.00	50	24.03	1340.46
38	0.996	8.04	340	0.17	0.00	0.000	0.186	0.00	0.00	4.1	2.03	192.27	0	0.00	0.00	48	23.74	1364.20
39	0.912	8.07	272	0.17	0.00	0.000	0.186	0.00	0.00	3.7	1.68	193.95	0	0.00	0.00	50	22.64	1386.84
40	1.005	8.14	309	0.17	0.01	0.005	0.191	0.00	0.01	6.3	3.14	197.09	0	0.00	0.00	44	21.95	1408.79
41	1.049	8.49	109	0.17	0.01	0.005	0.196	0.00	0.01	3.7	1.93	199.02	0	0.00	0.00	52	27.08	1435.87
42	0.953	8.40	125	0.18	0.03	0.014	0.210	0.02	0.01	3.6	1.70	200.72	0	0.00	0.00	60	28.39	1464.26
43	0.962	8.34	182	0.18	0.01	0.005	0.215	0.00	0.01	3.1	1.48	202.20	0	0.00	0.00	60	28.66	1492.92
44	0.953	8.14	192	0.18	0.00	0.000	0.215	0.00	0.00	2.9	1.37	203.57	0	0.00	0.00	62	29.33	1522.25
45	0.947	8.23	248	0.18	0.00	0.000	0.215	0.00	0.00	2.9	1.36	204.93	0	0.00	0.00	62	29.15	1551.40
46	0.956	8.29	233	0.19	0.02	0.009	0.224	0.00	0.02	2.6	1.23	206.16	0	0.00	0.00	62	29.43	1580.83
47	0.958	8.24	194	0.19	0.03	0.014	0.238	0.00	0.03	2.9	1.38	207.54	0	0.00	0.00	60	28.54	1609.37
48	0.947	8.14	285	0.18	0.01	0.005	0.243	0.00	0.01	2.6	1.22	208.76	0	0.00	0.00	62	29.15	1638.52
49	0.934	8.33	207	0.19	0.00	0.000	0.243	0.00	0.00	2.5	1.16	209.92	0	0.00	0.00	63	29.21	1667.73
50	0.985	8.19	159	0.18	0.00	0.000	0.243	0.00	0.00	2.9	1.42	211.34	0	0.00	0.00	57	27.87	1695.60
51	0.968	8.22	125	0.17	0.02	0.010	0.253	0.00	0.02	3.3	1.59	212.93	0	0.00	0.00	49	23.55	1719.15
52	0.954	8.20	190	0.17	0.02	0.009	0.262	0.00	0.02	3.2	1.52	214.45	0	0.00	0.00	50	23.68	1742.83
53	0.967	8.23	213	0.18	0.01	0.005	0.267	0.00	0.01	2.4	1.15	215.60	0	0.00	0.00	63	30.25	1773.08

Test Terminated





Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P-6 (#35 WZ 10950N-Cnpbx/lamp/isp-HG)

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16
Alkalinity, $CaCO_3$	130	67	64	46	35	45	29
CO_3, $CaCO_3$	44	2.7	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	74	76	78	56	42	54	36
Aluminum	0.39	<0.045	<0.045	<0.045	<0.045	<0.045	0.050
Antimony	0.034	0.019	0.015	0.012	0.009	0.0055	0.0075
Arsenic	0.64	0.087	0.052	0.052	0.060	0.038	0.095
Barium	0.078	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.42	0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	1.5	4.9	10	13	9.3	13	7.8
Chloride	2.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	0.044	<0.010	<0.010	<0.010	<0.010	0.011	<0.010
Fluoride	0.54	0.20	0.15	0.12	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	0.21	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	<0.50	1.3	3.1	3.4	2.4	3.4	1.7
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.0018	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.26	0.027	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	9.59	8.47	7.67	7.96	7.66	7.98	7.01
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	11	19	16	6.4	2.2	1.7	0.73
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.010	<0.0020	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	130	16	3.7	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	9.4	5.6	2.2	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	0.0011	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	210	100	110	52	35	59	51
Vanadium	0.022	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	6.07	1.53	1.32	1.09	0.72	0.97	0.55
Anions, meq/L	2.96	1.46	1.33	0.92	0.69	0.89	0.59
Balance, %	34	2.4	<1.0	8.3	2.1	4.7	3.2
WET Lab Report #	1011187	1011271	1011352	1012162	1101087	1102050	1103050

Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P-6 (#35 WZ 10950N-Cnpbx/lamp/isp-HG)

	Extract Week					
Analysis, mg/L	Week20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	41	41	27	24	44	57
CO_3, $CaCO_3$	<1.0	<1.0	<1.0	<1.0	<1.0	34
HCO_3	50	50	32	29	53	1.8
Aluminum	0.048	0.048	0.047	0.086	0.052	0.055
Antimony	0.0068	0.0041	0.0053	0.0059	0.0038	0.0031
Arsenic	0.068	0.047	0.077	0.097	0.043	0.039
Barium	<0.010	<0.010	0.28	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	11	12	7.5	7.1	13	12
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	<0.010	<0.010	<0.10	<0.010	<0.010	<0.010
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.7	3.1	1.7	1.6	3.1	2.6
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.77	7.97	7.57	7.93	7.08	9.57
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	0.71	0.58	<0.50	0.51	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	0.96	<0.50	<0.50	7.6
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	1.2	<1.0	1.9	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	48	59	38	28	50	52
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	0.034	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.79	0.88	0.56	0.51	0.91	1.15
Anions, meq/L	0.84	0.82	0.56	0.48	0.87	1.16
Balance, %	3.0	3.3	<1.0	3.4	2.3	<1.0
WET Lab Report #	1103488	1104424	1105410	1106443	1107378	1108321

Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P-10 (#44 DZ 11500N-Cnpd(bx)/lamp-HG)

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16
Alkalinity, $CaCO_3$	90	60	42	52	45	35	36
CO_3, $CaCO_3$	14	1.6	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	82	70	52	64	55	43	43
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	0.054	0.048
Antimony	0.013	0.026	0.017	0.010	0.006	0.0068	0.0059
Arsenic	0.061	0.035	0.034	0.021	0.018	0.025	0.022
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.15	0.13	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	4.4	7.9	7.1	11	10	9.2	8.4
Chloride	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	0.028	<0.010	<0.010	<0.010	<0.010	0.019	<0.010
Fluoride	0.34	0.21	0.14	0.11	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.050	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.3	4.8	3.9	6.5	4.9	3.8	3.1
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.0050	<0.00010	<0.00010	<0.00010	<0.00010	<0.0002	<0.00010
Molybdenum	<0.010	0.022	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.51	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	9.03	8.35	8.26	8.14	7.83	8.27	7.19
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	15	14	9.3	4.8	1.6	1.0	0.58
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.010	<0.0020	<0.010	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	40	5.4	0.74	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	13	5.6	1.4	1.1	<1.0	<1.0	<1.0
Thallium	0.0014	0.0015	<0.0010	<0.0010	<0.0010	<0.0020	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	170	89	57	71	53	59	52
Vanadium	<0.010	<0.050	<0.010	<0.050	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.53	1.38	0.95	1.21	0.94	0.80	0.69
Anions, meq/L	2.55	1.35	0.89	1.08	0.90	0.71	0.70
Balance, %	<1.0	1.2	3.2	5.6	2.3	6.5	<1.0
WET Lab Report #	1011187	1011271	1011352	1012162	1101087	1102050	1103050

Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P-10 (#44 DZ 11500N-Cnpd(bx)/lamp-HG)

	Extract Week					
Analysis, mg/L	Week20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	34	38	38	38	36	34
CO_3, $CaCO_3$	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	42	46	47	46	43	42
Aluminum	0.074	0.053	<0.045	0.059	0.067	0.073
Antimony	0.0057	0.0036	0.0033	0.0035	0.0026	<0.0025
Arsenic	0.021	0.012	0.011	0.012	0.010	0.0093
Barium	<0.010	<0.010	0.22	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	8.7	10	10	10	9.6	8.7
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	<0.010	<0.010	<0.10	<0.010	<0.010	<0.010
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.9	3.5	3.3	3.1	3.0	2.5
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.85	8.10	7.98	8.02	7.59	7.93
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	1.1	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	1.2	<1.0	2.1	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	27	42	46	89	35	42
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.68	0.79	0.82	0.76	0.73	0.65
Anions, meq/L	0.71	0.75	0.81	0.75	0.70	0.69
Balance, %	2.3	2.5	<1.0	<1.0	2.0	3.0
WET Lab Report #	1103488	1104424	1105410	1106443	1107378	1108321

Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P13 (#47 DZ 11700N-Cnpd&(bx)-MG Master)

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16
Alkalinity, $CaCO_3$	79	72	48	55	50	51	48
CO_3, $CaCO_3$	9.1	1.5	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	78	84	59	67	61	62	59
Aluminum	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045	<0.045
Antimony	0.011	0.026	0.020	0.014	0.011	0.0098	0.0082
Arsenic	0.022	0.016	0.017	0.010	0.008	<0.010	0.0078
Barium	0.020	0.019	0.012	0.015	0.012	0.014	0.013
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.17	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	7.4	8.8	6.9	9.4	9.9	11	9.9
Chloride	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	0.025	<0.010	<0.010	<0.010	<0.010	0.099	<0.010
Fluoride	0.18	0.14	0.14	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025
Lithium	0.22	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	9.4	12	7.4	9.5	7.5	7.0	5.2
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.00056	<0.00010	<0.00010	<0.00010	<0.00010	<0.0002	<0.00010
Molybdenum	<0.010	0.025	<0.050	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.45	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.83	8.35	7.96	8.24	7.93	8.09	7.44
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	12	4.3	1.9	1.2	0.71	<2.5	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.010	<0.0020	<0.010	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	17	1.5	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	11	3.4	1.1	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0020	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	140	61	67	60	49	82	58
Vanadium	0.020	0.028	0.014	0.018	0.010	<0.050	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	2.19	1.60	1.00	1.28	1.13	1.14	0.92
Anions, meq/L	2.33	1.52	1.00	1.10	1.00	1.02	0.97
Balance, %	3.1	2.5	<1.0	7.7	6.1	5.6	2.4
WET Lab Report #	1011187	1011271	1011352	1012162	1101087	1102050	1103050

Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P13 (#47 DZ 11700N-Cnpd&(bx)-MG Master)

	Extract Week					
Analysis, mg/L	Week20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	44	28	42	31	37	55
CO_3, $CaCO_3$	<1.0	<1.0	<1.0	<1.0	<1.0	21
HCO_3	54	34	51	38	45	<1.0
Aluminum	0.052	0.066	0.047	0.065	0.068	0.077
Antimony	0.0079	0.0060	0.0045	0.0052	0.0035	0.0032
Arsenic	0.0082	0.0091	0.0054	0.0092	0.0059	0.0060
Barium	0.013	<0.010	0.013	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	9.4	6.8	9.6	7.6	9.4	8.1
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	<0.010	<0.010	<0.10	<0.010	<0.010	<0.010
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	4.4	2.8	4.1	2.9	3.8	2.8
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	7.87	8.21	8.04	7.96	7.87	9.95
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	<0.50	<0.50	<0.50	12
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	1.1	<1.0	<1.0	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	44	23	41	36	31	48
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.84	0.58	0.82	0.63	0.79	1.17
Anions, meq/L	0.91	0.56	0.84	0.62	0.74	1.41
Balance, %	4.1	1.7	<1.0	<1.0	3.4	9.4
WET Lab Report #	1103488	1104424	1105410	1106443	1107378	1108321

Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P-18 (#50 DZ 11700N-Opl-MG)

	Extract Week						
Analysis, mg/L	Week 0	Week 1	Week 2	Week 4	Week 8	Week 12	Week 16
Alkalinity, $CaCO_3$	66	59	52	41	36	41	42
CO_3, $CaCO_3$	4.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
HCO_3	71	72	63	50	44	50	51
Aluminum	<0.045	<0.045	0.056	0.064	0.079	0.098	0.078
Antimony	0.011	0.032	0.032	0.026	0.011	0.011	0.0094
Arsenic	0.065	0.082	0.085	0.083	0.062	0.058	0.050
Barium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	0.13	0.13	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	7.3	12	12	13	10	14	12
Chloride	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	0.020	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Fluoride	0.44	0.44	0.41	0.29	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0050	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	1.4	2.3	2.4	2.2	2.1	2.6	2.1
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	0.013	<0.00010	<0.00010	<0.00010	<0.00010	<0.0002	<0.00010
Molybdenum	<0.010	0.026	<0.050	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	0.24	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.68	8.21	7.72	7.91	7.78	8.11	7.39
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	25	17	11	5.0	1.8	1.4	0.90
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.010	<0.0020	<0.010	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	11	2.0	<0.50	<0.50	<0.50	<0.50	<0.50
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	9.0	4.8	2.1	<1.0	<1.0	<1.0	<1.0
Thallium	0.0027	0.0024	0.0016	<0.0010	<0.0010	<0.0020	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	130	81	110	46	36	43	56
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	1.60	1.31	1.08	0.96	0.73	0.96	0.80
Anions, meq/L	1.62	1.30	1.10	0.83	0.72	0.82	0.84
Balance, %	<1.0	<1.0	<1.0	7.2	<1.0	7.9	2.0
WET Lab Report #	1011187	1011271	1011352	1012162	1101087	1102050	1103050

Profile II Analytical Results, HC Test Extracts,
Long Canyon West Zone Project, P-18 (#50 DZ 11700N-Opl-MG)

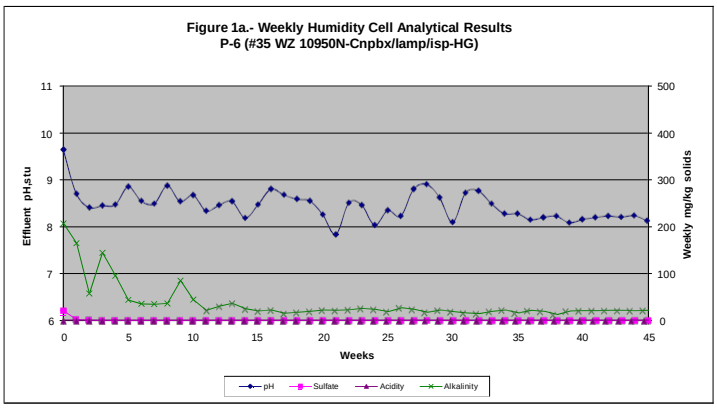
	Extract Week					
Analysis, mg/L	Week20	Week 24	Week 28	Week 32	Week 36	Week 40
Alkalinity, $CaCO_3$	42	38	37	28	36	40
CO_3, $CaCO_3$	1.3	<1.0	<1.0	<1.0	<1.0	9.9
HCO_3	49	46	45	34	44	28
Aluminum	0.099	0.089	0.063	0.16	0.10	0.089
Antimony	0.0091	0.0060	0.0059	0.0075	0.0055	0.0053
Arsenic	0.048	0.032	0.029	0.041	0.027	0.020
Barium	<0.010	<0.010	0.22	<0.010	<0.010	<0.010
Beryllium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Bismuth	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Boron	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Cadmium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	12	12	12	8.8	12	10
Chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chromium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Cobalt	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Copper	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Cyanide, WAD	<0.010	<0.010	<0.10	<0.010	<0.010	<0.010
Fluoride	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Gallium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Iron	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Lead	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
Lithium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Magnesium	2.0	2.0	1.8	1.2	1.9	1.6
Manganese	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Molybdenum	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nickel	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Nitrate as N	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nitrite as N	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
pH, stu	8.39	8.01	7.97	8.03	7.86	8.88
Phosphorus	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Potassium	0.64	<0.50	<0.50	<0.50	<0.50	<0.50
Scandium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Selenium	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Silver	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Sodium	<0.50	<0.50	1.0	<0.50	<0.50	2.7
Strontium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Sulfate	1.1	<1.0	1.8	<1.0	<1.0	<1.0
Thallium	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Tin	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Titanium	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Total Dissolved Solids	35	34	39	26	44	45
Vanadium	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Cations, meq/L	0.79	0.77	0.80	0.56	0.77	0.76
Anions, meq/L	0.87	0.75	0.78	0.56	0.72	0.79
Balance, %	4.7	1.3	1.4	<1.0	3.0	2.0
WET Lab Report #	1103488	1104424	1105410	1106443	1107378	1108321

McClelland Laboratory Reports

Table 1 . - Humidity Cell Analytical Results, P-6 (#35 WZ 10950N-Cnpbx/lamp/isp-HG) (1.9625 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2+} mg/l	Fe^{3+} mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.123	9.63	75	0.61	0.20	0.114	0.114	0.13	0.07	37.0	21.17	21.17	0	0.00	0.00	362	207.15	207.15
1	0.883	8.70	142	0.19	0.00	0.000	0.114	0.00	0.00	6.0	2.70	23.87	0	0.00	0.00	366	164.68	371.83
2	0.960	8.41	209	0.17	0.00	0.000	0.114	0.00	0.00	2.1	1.03	24.90	0	0.00	0.00	118	57.72	429.55
3	0.985	8.45	212	0.17	0.01	0.005	0.119	0.00	0.01	1.0	0.50	25.40	0	0.00	0.00	288	144.55	574.10
4	0.987	8.47	172	0.17	0.00	0.000	0.119	0.00	0.00	1.0	0.50	25.90	0	0.00	0.00	190	95.56	669.66
5	1.006	8.85	179	0.16	0.01	0.005	0.124	0.00	0.01	1.0	0.51	26.41	0	0.00	0.00	86	44.08	713.74
6	0.972	8.55	207	0.16	0.00	0.000	0.124	0.00	0.00	1.0	0.50	26.91	0	0.00	0.00	72	35.66	749.40
7	0.960	8.49	195	0.16	0.02	0.010	0.134	0.00	0.02	1.0	0.49	27.40	0	0.00	0.00	72	35.22	784.62
8	1.006	8.87	162	0.15	0.01	0.005	0.139	0.00	0.01	1.0	0.51	27.91	0	0.00	0.00	72	36.91	821.53
9	1.008	8.54	180	0.16	0.03	0.015	0.154	0.01	0.02	1.0	0.51	28.42	0	0.00	0.00	166	85.26	906.79
10	0.975	8.67	190	0.16	0.01	0.005	0.159	0.00	0.01	1.0	0.50	28.92	0	0.00	0.00	90	44.71	951.50
11	1.038	8.34	176	0.15	0.01	0.005	0.164	0.00	0.01	1.0	0.53	29.45	0	0.00	0.00	42	22.21	973.71
12	0.918	8.46	179	0.16	0.01	0.005	0.169	0.00	0.01	1.0	0.47	29.92	0	0.00	0.00	66	30.87	1004.58
13	0.994	8.54	198	0.15	0.00	0.000	0.169	0.00	0.00	1.0	0.51	30.43	0	0.00	0.00	74	37.48	1042.06
14	0.976	8.19	194	0.14	0.03	0.015	0.184	0.01	0.02	1.0	0.50	30.93	0	0.00	0.00	51	25.36	1067.42
15	0.991	8.47	169	0.15	0.02	0.010	0.194	0.02	0.00	1.0	0.50	31.43	0	0.00	0.00	41	20.70	1088.12
16	0.989	8.80	184	0.15	0.00	0.000	0.194	0.00	0.00	1.0	0.50	31.93	0	0.00	0.00	46	23.18	1111.30
17	0.974	8.68	181	0.14	0.00	0.000	0.194	0.00	0.00	1.0	0.50	32.43	0	0.00	0.00	32	15.88	1127.18
18	1.009	8.59	109	0.15	0.28	0.144	0.338	0.00	0.28	1.0	0.51	32.94	0	0.00	0.00	35	17.99	1145.17
19	0.984	8.55	114	0.16	0.00	0.000	0.338	0.00	0.00	1.0	0.50	33.44	0	0.00	0.00	41	20.56	1165.73
20	1.020	8.26	124	0.16	0.00	0.000	0.338	0.00	0.00	1.0	0.52	33.96	0	0.00	0.00	44	22.87	1188.60
21	0.939	7.84	145	0.16	0.00	0.000	0.338	0.00	0.00	1.0	0.48	34.44	0	0.00	0.00	46	22.01	1210.61
22	1.021	8.51	150	0.16	0.02	0.010	0.348	0.00	0.02	1.0	0.52	34.96	0	0.00	0.00	46	23.93	1234.54
23	0.956	8.46	260	0.15	0.01	0.005	0.353	0.00	0.01	1.0	0.49	35.45	0	0.00	0.00	54	26.31	1260.85
24	0.966	8.04	210	0.16	0.01	0.005	0.358	0.00	0.01	1.0	0.49	35.94	0	0.00	0.00	49	24.12	1284.97
25	1.009	8.35	241	0.15	0.02	0.010	0.368	0.01	0.01	1.0	0.51	36.45	0	0.00	0.00	38	19.54	1304.51
26	0.947	8.23	213	0.16	0.01	0.005	0.373	0.00	0.01	1.0	0.48	36.93	0	0.00	0.00	57	27.51	1332.02
27	0.962	8.80	260	0.15	0.01	0.005	0.378	0.00	0.01	1.0	0.49	37.42	0	0.00	0.00	50	24.51	1356.53
28	1.009	8.90	206	0.14	0.02	0.010	0.388	0.01	0.01	1.8	0.93	38.35	0	0.00	0.00	35	17.99	1374.52
29	0.966	8.62	214	0.16	0.01	0.005	0.393	0.00	0.01	1.0	0.49	38.84	0	0.00	0.00	46	22.64	1397.16
30	0.979	8.10	124	0.15	0.00	0.000	0.393	0.00	0.00	1.0	0.50	39.34	0	0.00	0.00	39	19.46	1416.62
31	0.977	8.72	235	0.15	0.01	0.005	0.398	0.00	0.01	1.0	0.50	39.84	0	0.00	0.00	34	16.93	1433.55
32	0.988	8.76	196	0.15	0.00	0.000	0.398	0.00	0.00	1.0	0.50	40.34	0	0.00	0.00	31	15.61	1449.16
33	1.017	8.49	283	0.15	0.02	0.010	0.408	0.00	0.02	1.0	0.52	40.86	0	0.00	0.00	39	20.21	1469.37
34	0.975	8.28	271	0.17	0.01	0.005	0.413	0.00	0.01	1.0	0.50	41.36	0	0.00	0.00	46	22.85	1492.22
35	0.998	8.28	183	0.15	0.03	0.015	0.428	0.00	0.03	1.0	0.51	41.87	0	0.00	0.00	33	16.78	1509.00
36	0.981	8.15	304	0.16	0.06	0.030	0.458	0.03	0.03	1.0	0.50	42.37	0	0.00	0.00	44	21.99	1530.99
37	0.963	8.20	180	0.16	0.02	0.010	0.468	0.00	0.02	1.0	0.49	42.86	0	0.00	0.00	41	20.12	1551.11
38	0.976	8.23	176	0.16	0.03	0.015	0.483	0.02	0.01	1.0	0.50	43.36	0	0.00	0.00	27	13.43	1564.54
39	0.960	8.09	189	0.16	0.00	0.000	0.483	0.00	0.00	1.0	0.49	43.85	0	0.00	0.00	43	21.03	1585.57
40	0.975	8.16	258	0.16	0.02	0.010	0.493	0.02	0.00	1.0	0.50	44.35	0	0.00	0.00	43	21.36	1606.93
41	0.967	8.20	280	0.17	0.02	0.010	0.503	0.01	0.01	1.0	0.49	44.84	0	0.00	0.00	44	21.68	1628.61
42	0.960	8.23	293	0.16	0.02	0.010	0.513	0.00	0.02	1.0	0.49	45.33	0	0.00	0.00	45	22.01	1650.62
43	0.981	8.21	278	0.16	0.02	0.010	0.523	0.02	0.00	1.0	0.50	45.83	0	0.00	0.00	44	21.99	1672.61
44	0.963	8.24	310	0.16	0.02	0.010	0.533	0.02	0.00	1.0	0.49	46.32	0	0.00	0.00	44	21.59	1694.20
45	0.971	8.13	274	0.16	0.06	0.030	0.563	0.04	0.02	1.0	0.49	46.81	0	0.00	0.00	45	22.26	1716.46

Test Terminated



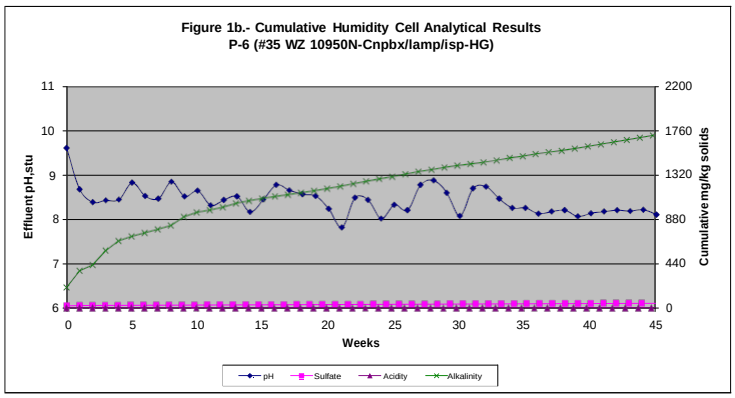
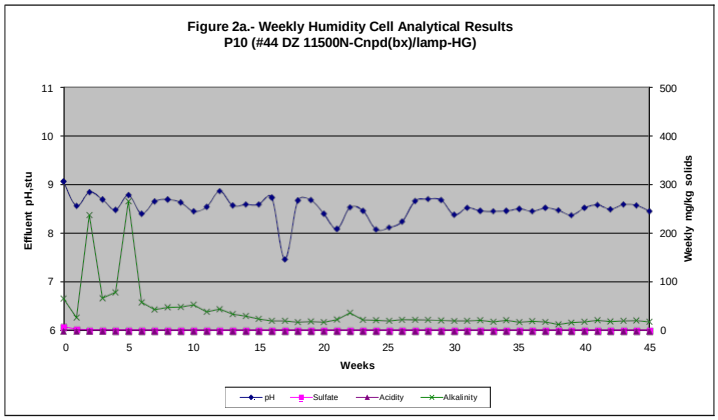


Table 2 . - Humidity Cell Analytical Results, P-10 (#44 DZ 11500N-Cnpd(bx)/lamp-HG) (1.9666 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.087	9.07	130	0.36	0.01	0.006	0.006	0.00	0.01	13.0	7.19	7.19	0	0.00	0.00	122	67.43	67.43
1	0.918	8.57	167	0.18	0.02	0.009	0.015	0.00	0.02	6.0	2.80	9.99	0	0.00	0.00	60	28.01	95.44
2	1.108	8.85	196	0.16	0.01	0.006	0.021	0.01	0.00	1.5	0.85	10.84	0	0.00	0.00	422	237.76	333.20
3	0.955	8.70	193	0.17	0.01	0.005	0.026	0.00	0.01	1.7	0.83	11.67	0	0.00	0.00	140	67.99	401.19
4	0.994	8.49	175	0.17	0.01	0.005	0.031	0.00	0.01	1.1	0.56	12.23	0	0.00	0.00	158	79.86	481.05
5	0.992	8.79	183	0.17	0.02	0.010	0.041	0.00	0.02	1.0	0.50	12.73	0	0.00	0.00	528	266.34	747.39
6	0.914	8.41	200	0.16	0.01	0.005	0.046	0.00	0.01	1.0	0.46	13.19	0	0.00	0.00	128	59.49	806.88
7	1.025	8.66	182	0.16	0.00	0.000	0.046	0.00	0.00	1.0	0.52	13.71	0	0.00	0.00	86	44.82	851.70
8	0.993	8.70	163	0.16	0.01	0.005	0.051	0.01	0.00	1.0	0.50	14.21	0	0.00	0.00	98	49.48	901.18
9	0.947	8.64	158	0.16	0.01	0.005	0.056	0.00	0.01	1.0	0.48	14.69	0	0.00	0.00	104	50.08	951.26
10	1.016	8.46	145	0.16	0.02	0.010	0.066	0.00	0.02	1.0	0.52	15.21	0	0.00	0.00	106	54.76	1006.02
11	0.982	8.55	152	0.14	0.00	0.000	0.066	0.00	0.00	1.0	0.50	15.71	0	0.00	0.00	80	39.95	1045.97
12	0.998	8.87	158	0.15	0.03	0.015	0.081	0.00	0.03	1.0	0.51	16.22	0	0.00	0.00	90	45.67	1091.64
13	0.936	8.58	198	0.16	0.02	0.010	0.091	0.00	0.02	1.0	0.48	16.70	0	0.00	0.00	74	35.22	1126.86
14	1.013	8.60	158	0.15	0.03	0.015	0.106	0.01	0.02	1.0	0.52	17.22	0	0.00	0.00	61	31.42	1158.28
15	0.963	8.60	248	0.16	0.02	0.010	0.116	0.00	0.02	1.0	0.49	17.71	0	0.00	0.00	52	25.46	1183.74
16	0.980	8.74	238	0.15	0.00	0.000	0.116	0.00	0.00	1.0	0.50	18.21	0	0.00	0.00	43	21.43	1205.17
17	1.025	7.48	291	0.15	0.00	0.000	0.116	0.00	0.00	1.0	0.52	18.73	0	0.00	0.00	41	21.37	1226.54
18	0.976	8.68	183	0.14	0.00	0.000	0.116	0.00	0.00	1.0	0.50	19.23	0	0.00	0.00	38	18.86	1245.40
19	0.987	8.69	214	0.16	0.00	0.000	0.116	0.00	0.00	1.0	0.50	19.73	0	0.00	0.00	40	20.08	1265.48
20	0.992	8.41	125	0.15	0.00	0.000	0.116	0.00	0.00	1.0	0.50	20.23	0	0.00	0.00	38	19.17	1284.65
21	0.912	8.10	185	0.16	0.00	0.000	0.116	0.00	0.00	1.0	0.46	20.69	0	0.00	0.00	52	24.11	1308.76
22	0.982	8.54	167	0.15	0.02	0.010	0.126	0.00	0.02	1.0	0.50	21.19	0	0.00	0.00	76	37.95	1346.71
23	0.896	8.47	221	0.16	0.01	0.005	0.131	0.01	0.00	1.0	0.46	21.65	0	0.00	0.00	52	23.69	1370.40
24	1.052	8.09	245	0.16	0.02	0.011	0.142	0.00	0.02	1.0	0.53	22.18	0	0.00	0.00	43	23.00	1393.40
25	0.957	8.13	276	0.16	0.03	0.015	0.157	0.01	0.02	1.0	0.49	22.67	0	0.00	0.00	44	21.41	1414.81
26	1.001	8.25	213	0.16	0.01	0.005	0.162	0.00	0.01	1.0	0.51	23.18	0	0.00	0.00	47	23.92	1438.73
27	0.957	8.67	233	0.15	0.01	0.005	0.167	0.00	0.01	1.0	0.49	23.67	0	0.00	0.00	49	23.84	1462.57
28	1.026	8.71	209	0.15	0.03	0.016	0.183	0.00	0.03	1.0	0.52	24.19	0	0.00	0.00	45	23.48	1486.05
29	0.966	8.69	220	0.15	0.02	0.010	0.193	0.01	0.01	1.0	0.49	24.68	0	0.00	0.00	46	22.60	1508.65
30	0.999	8.39	59	0.16	0.01	0.005	0.198	0.00	0.01	1.0	0.51	25.19	0	0.00	0.00	42	21.34	1529.99
31	0.930	8.53	218	0.16	0.00	0.000	0.198	0.00	0.00	1.0	0.47	25.66	0	0.00	0.00	46	21.75	1551.74
32	1.028	8.47	212	0.16	0.01	0.005	0.203	0.00	0.01	1.0	0.52	26.18	0	0.00	0.00	44	23.00	1574.74
33	0.908	8.46	271	0.16	0.00	0.000	0.203	0.00	0.00	1.0	0.46	26.64	0	0.00	0.00	42	19.39	1594.13
34	1.037	8.47	271	0.16	0.00	0.000	0.203	0.00	0.00	1.0	0.53	27.17	0	0.00	0.00	44	23.20	1617.33
35	0.932	8.51	175	0.16	0.02	0.009	0.212	0.00	0.02	1.0	0.47	27.64	0	0.00	0.00	40	18.96	1636.29
36	0.971	8.46	299	0.16	0.02	0.010	0.222	0.01	0.01	1.0	0.49	28.13	0	0.00	0.00	42	20.74	1657.03
37	0.952	8.53	177	0.15	0.03	0.015	0.237	0.01	0.02	1.0	0.48	28.61	0	0.00	0.00	40	19.36	1676.39
38	1.009	8.48	207	0.16	0.03	0.015	0.252	0.00	0.03	1.0	0.51	29.12	0	0.00	0.00	28	14.37	1690.76
39	0.957	8.38	165	0.16	0.03	0.015	0.267	0.03	0.00	1.1	0.54	29.66	0	0.00	0.00	37	18.01	1708.77
40	0.974	8.53	237	0.16	0.02	0.010	0.277	0.00	0.02	1.0	0.50	30.16	0	0.00	0.00	40	19.81	1728.58
41	0.957	8.59	260	0.16	0.02	0.010	0.287	0.02	0.00	1.0	0.49	30.65	0	0.00	0.00	47	22.87	1751.45
42	0.964	8.50	281	0.16	0.02	0.010	0.297	0.00	0.02	1.0	0.49	31.14	0	0.00	0.00	42	20.59	1772.04
43	0.957	8.60	261	0.16	0.02	0.010	0.307	0.00	0.02	1.0	0.49	31.63	0	0.00	0.00	44	21.41	1793.45
44	0.986	8.58	285	0.16	0.02	0.010	0.317	0.00	0.02	1.0	0.50	32.13	0	0.00	0.00	44	22.06	1815.51
45	0.977	8.46	270	0.16	0.06	0.030	0.347	0.00	0.06	1.0	0.50	32.63	0	0.00	0.00	40	19.87	1835.38

Test Terminated



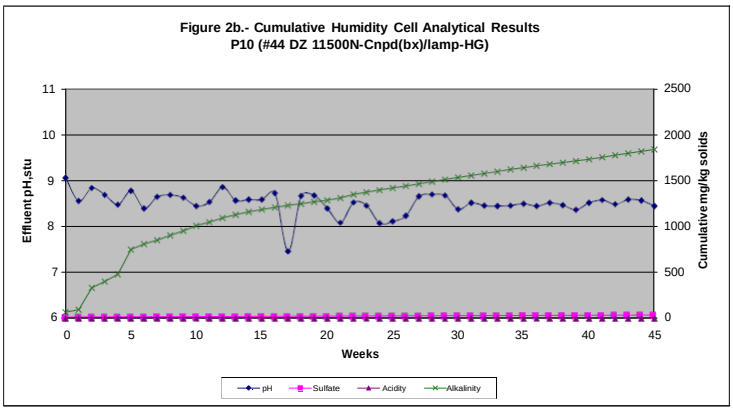
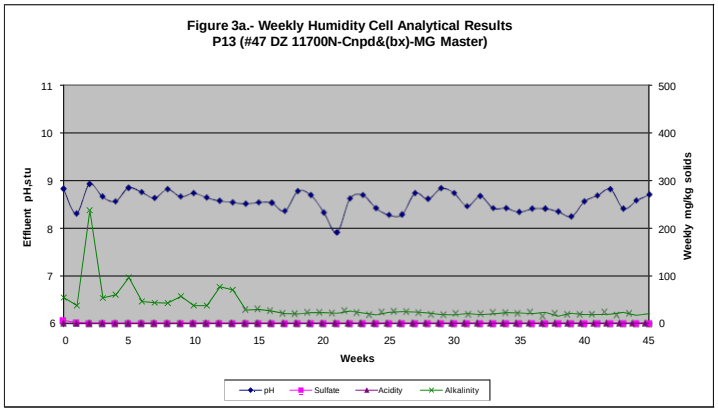


Table 3 . - Humidity Cell Analytical Results, P13 (#47 DZ 11700N-Cnpd&(bx)-MG Master) (1.9616 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.136	8.83	144	0.29	0.00	0.000	0.000	0.00	0.00	11.0	6.37	6.37	0	0.00	0.00	94	54.44	54.44
1	0.965	8.32	133	0.18	0.00	0.000	0.000	0.00	0.00	3.5	1.72	8.09	0	0.00	0.00	76	37.39	91.83
2	1.095	8.93	188	0.16	0.02	0.011	0.011	0.02	0.00	1.1	0.61	8.70	0	0.00	0.00	426	237.80	329.63
3	0.970	8.67	192	0.17	0.01	0.005	0.016	0.00	0.01	1.1	0.54	9.24	0	0.00	0.00	108	53.41	383.04
4	0.991	8.57	172	0.17	0.00	0.000	0.016	0.00	0.00	1.0	0.51	9.75	0	0.00	0.00	120	60.62	443.66
5	0.961	8.85	175	0.17	0.01	0.005	0.021	0.00	0.01	1.0	0.49	10.24	0	0.00	0.00	198	97.00	540.66
6	1.014	8.76	186	0.16	0.02	0.010	0.031	0.00	0.02	1.0	0.52	10.76	0	0.00	0.00	90	46.52	587.18
7	0.966	8.64	176	0.16	0.00	0.000	0.031	0.00	0.00	1.0	0.49	11.25	0	0.00	0.00	88	43.34	630.52
8	1.005	8.82	153	0.16	0.00	0.000	0.031	0.00	0.00	1.0	0.51	11.76	0	0.00	0.00	84	43.04	673.56
9	0.970	8.67	152	0.16	0.00	0.000	0.031	0.00	0.00	1.0	0.49	12.25	0	0.00	0.00	116	57.36	730.92
10	0.976	8.74	158	0.16	0.02	0.010	0.041	0.00	0.02	1.0	0.50	12.75	0	0.00	0.00	76	37.81	768.73
11	1.003	8.65	171	0.14	0.03	0.015	0.056	0.00	0.03	1.0	0.51	13.26	0	0.00	0.00	74	37.84	806.57
12	0.955	8.58	146	0.16	0.00	0.000	0.056	0.00	0.00	1.0	0.49	13.75	0	0.00	0.00	158	76.92	883.49
13	0.973	8.55	182	0.16	0.00	0.000	0.056	0.00	0.00	1.0	0.50	14.25	0	0.00	0.00	142	70.44	953.93
14	0.998	8.52	209	0.15	0.01	0.005	0.061	0.00	0.01	1.0	0.51	14.76	0	0.00	0.00	56	28.49	982.42
15	0.976	8.55	253	0.16	0.03	0.015	0.076	0.00	0.03	1.0	0.50	15.26	0	0.00	0.00	59	29.36	1011.78
16	0.963	8.54	265	0.16	0.00	0.000	0.076	0.00	0.00	1.0	0.49	15.75	0	0.00	0.00	53	26.02	1037.80
17	1.015	8.37	271	0.15	0.00	0.000	0.076	0.00	0.00	1.0	0.52	16.27	0	0.00	0.00	40	20.70	1058.50
18	0.953	8.78	172	0.15	0.00	0.000	0.076	0.00	0.00	1.0	0.49	16.76	0	0.00	0.00	42	20.40	1078.90
19	1.052	8.70	208	0.16	0.00	0.000	0.076	0.00	0.00	1.0	0.54	17.30	0	0.00	0.00	43	23.06	1101.96
20	0.939	8.34	126	0.16	0.00	0.000	0.076	0.00	0.00	1.0	0.48	17.78	0	0.00	0.00	48	22.98	1124.94
21	0.918	7.93	150	0.16	0.00	0.000	0.076	0.00	0.00	1.0	0.47	18.25	0	0.00	0.00	46	21.53	1146.47
22	0.965	8.63	165	0.15	0.00	0.000	0.076	0.00	0.00	1.0	0.49	18.74	0	0.00	0.00	53	26.07	1172.54
23	1.020	8.70	220	0.15	0.00	0.000	0.076	0.00	0.00	1.0	0.52	19.26	0	0.00	0.00	43	22.36	1194.90
24	1.041	8.43	220	0.15	0.00	0.000	0.076	0.00	0.00	1.0	0.53	19.79	0	0.00	0.00	34	18.04	1212.94
25	0.956	8.29	254	0.16	0.00	0.000	0.076	0.00	0.00	1.0	0.49	20.28	0	0.00	0.00	48	23.39	1236.33
26	0.985	8.30	179	0.16	0.00	0.000	0.076	0.00	0.00	1.0	0.50	20.78	0	0.00	0.00	49	24.60	1260.93
27	1.001	8.74	227	0.16	0.00	0.000	0.076	0.00	0.00	1.0	0.51	21.29	0	0.00	0.00	48	24.49	1285.42
28	0.956	8.62	200	0.16	0.02	0.010	0.086	0.00	0.02	1.0	0.49	21.78	0	0.00	0.00	46	22.42	1307.84
29	0.948	8.84	210	0.15	0.02	0.010	0.096	0.00	0.02	1.0	0.48	22.26	0	0.00	0.00	39	18.85	1326.69
30	1.038	8.74	84	0.15	0.01	0.005	0.101	0.00	0.01	1.0	0.53	22.79	0	0.00	0.00	34	17.99	1344.68
31	0.953	8.47	224	0.16	0.01	0.005	0.106	0.00	0.01	1.0	0.49	23.28	0	0.00	0.00	43	20.89	1365.57
32	1.000	8.68	240	0.15	0.01	0.005	0.111	0.00	0.01	1.0	0.51	23.79	0	0.00	0.00	37	18.86	1384.43
33	1.011	8.43	288	0.16	0.01	0.005	0.116	0.00	0.01	1.0	0.52	24.31	0	0.00	0.00	39	20.10	1404.53
34	1.005	8.43	271	0.16	0.00	0.000	0.116	0.00	0.00	1.0	0.51	24.82	0	0.00	0.00	45	23.06	1427.59
35	0.962	8.35	177	0.16	0.01	0.005	0.121	0.00	0.01	1.0	0.49	25.31	0	0.00	0.00	45	22.07	1449.66
36	0.990	8.42	286	0.16	0.01	0.005	0.126	0.00	0.01	1.0	0.50	25.81	0	0.00	0.00	41	20.69	1470.35
37	1.015	8.42	176	0.16	0.01	0.005	0.131	0.00	0.01	1.0	0.52	26.33	0	0.00	0.00	46	23.80	1494.15
38	0.977	8.36	208	0.16	0.01	0.005	0.136	0.00	0.01	1.0	0.50	26.83	0	0.00	0.00	31	15.44	1509.59
39	0.944	8.26	178	0.16	0.00	0.000	0.136	0.00	0.00	1.0	0.48	27.31	0	0.00	0.00	44	21.17	1530.76
40	0.974	8.57	227	0.16	0.02	0.010	0.146	0.00	0.02	1.0	0.50	27.81	0	0.00	0.00	38	18.87	1549.63
41	0.984	8.69	240	0.15	0.04	0.020	0.166	0.00	0.04	1.3	0.65	28.46	0	0.00	0.00	38	19.06	1568.69
42	1.045	8.82	260	0.15	0.01	0.005	0.171	0.00	0.01	1.0	0.53	28.99	0	0.00	0.00	36	19.18	1587.87
43	0.935	8.42	258	0.17	0.02	0.010	0.181	0.02	0.00	1.0	0.48	29.47	0	0.00	0.00	50	23.83	1611.70
44	0.940	8.59	272	0.16	0.03	0.014	0.195	0.00	0.03	1.0	0.48	29.95	0	0.00	0.00	37	17.73	1629.43
45	1.079	8.71	264	0.15	0.00	0.000	0.195	0.00	0.00	1.0	0.55	30.50	0	0.00	0.00	38	20.90	1650.33

Test Terminated



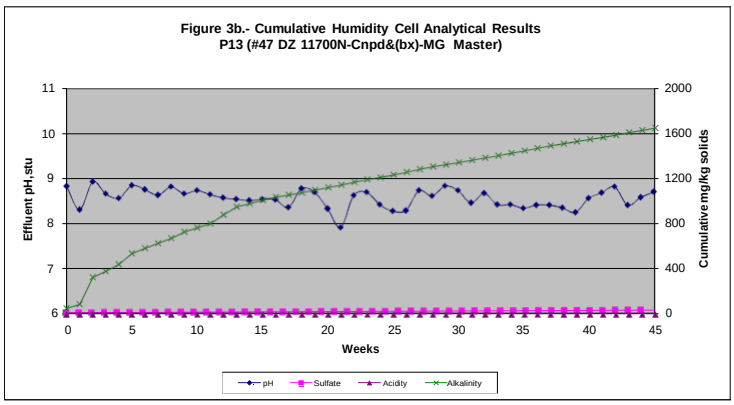
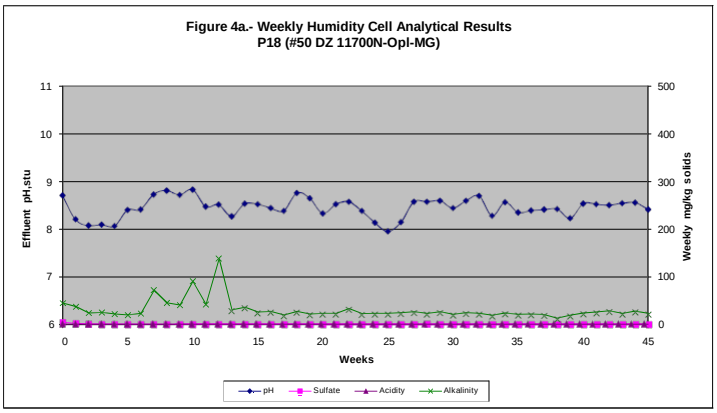
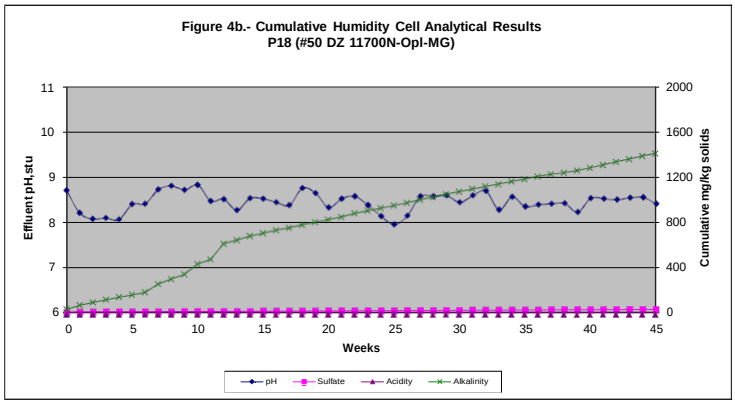


Table 4 . - Humidity Cell Analytical Results, P-18 (#50 DZ 11700N-Opl-MG) (1.9640 Kg)

					Total Fe					SO_4=			Acidity, $CaCO_3$ Equivalents			Alkalinity, $CaCO_3$ Equivalents		
Week	Vol. L	Effluent pH	Redox, mV (vs Ag/AgCl)	Conductivity mS/cm	mg/l	mg/kg	Cum. mg/kg	Fe^{2}+ mg/l	Fe^{3}+ mg/l	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg	mg/l	mg/kg	Cum. mg/kg
0	1.075	8.71	146	0.21	0.01	0.005	0.005	0.00	0.01	8.0	4.38	4.38	0	0.00	0.00	82	44.88	44.88
1	1.011	8.22	183	0.18	0.00	0.000	0.005	0.00	0.00	5.1	2.63	7.01	0	0.00	0.00	72	37.06	81.94
2	0.945	8.09	216	0.17	0.01	0.005	0.010	0.01	0.00	2.2	1.06	8.07	0	0.00	0.00	50	24.06	106.00
3	0.981	8.11	217	0.16	0.02	0.010	0.020	0.00	0.02	1.3	0.65	8.72	0	0.00	0.00	50	24.97	130.97
4	0.979	8.08	184	0.16	0.01	0.005	0.025	0.00	0.01	1.0	0.50	9.22	0	0.00	0.00	44	21.93	152.90
5	0.981	8.41	195	0.16	0.01	0.005	0.030	0.01	0.00	1.0	0.50	9.72	0	0.00	0.00	40	19.98	172.88
6	0.939	8.42	216	0.16	0.00	0.000	0.030	0.00	0.00	1.0	0.48	10.20	0	0.00	0.00	48	22.95	195.83
7	1.054	8.73	184	0.15	0.01	0.005	0.035	0.00	0.01	1.0	0.54	10.74	0	0.00	0.00	134	71.91	267.74
8	0.988	8.81	176	0.15	0.01	0.005	0.040	0.00	0.01	1.0	0.50	11.24	0	0.00	0.00	90	45.27	313.01
9	0.905	8.72	161	0.15	0.01	0.005	0.045	0.00	0.01	1.0	0.46	11.70	0	0.00	0.00	88	40.55	353.56
10	1.014	8.83	177	0.15	0.00	0.000	0.045	0.00	0.00	1.0	0.52	12.22	0	0.00	0.00	176	90.87	444.43
11	0.957	8.48	169	0.14	0.05	0.024	0.069	0.01	0.04	1.0	0.49	12.71	0	0.00	0.00	86	41.91	486.34
12	1.007	8.52	164	0.15	0.00	0.000	0.069	0.00	0.00	1.0	0.51	13.22	0	0.00	0.00	270	138.44	624.78
13	0.928	8.28	208	0.16	0.00	0.000	0.069	0.00	0.00	1.0	0.47	13.69	0	0.00	0.00	65	30.76	655.54
14	1.046	8.54	213	0.15	0.03	0.016	0.085	0.00	0.03	1.0	0.53	14.22	0	0.00	0.00	68	36.22	691.76
15	0.915	8.53	253	0.15	0.01	0.005	0.090	0.00	0.01	1.0	0.47	14.69	0	0.00	0.00	55	25.62	717.38
16	0.961	8.45	263	0.15	0.01	0.005	0.095	0.00	0.01	1.0	0.49	15.18	0	0.00	0.00	55	26.91	744.29
17	1.007	8.39	191	0.15	0.00	0.000	0.095	0.00	0.00	1.0	0.51	15.69	0	0.00	0.00	39	20.00	764.29
18	0.957	8.76	165	0.15	0.00	0.000	0.095	0.00	0.00	1.0	0.49	16.18	0	0.00	0.00	56	27.29	791.58
19	0.978	8.65	120	0.15	0.00	0.000	0.095	0.00	0.00	1.0	0.50	16.68	0	0.00	0.00	44	21.91	813.49
20	0.987	8.34	126	0.16	0.00	0.000	0.095	0.00	0.00	1.0	0.50	17.18	0	0.00	0.00	46	23.12	836.61
21	0.932	8.53	154	0.16	0.00	0.000	0.095	0.00	0.00	1.0	0.47	17.65	0	0.00	0.00	48	22.92	859.53
22	1.057	8.58	165	0.15	0.02	0.011	0.106	0.01	0.01	1.0	0.54	18.19	0	0.00	0.00	62	33.37	892.90
23	0.909	8.39	237	0.16	0.00	0.000	0.106	0.00	0.00	1.0	0.46	18.65	0	0.00	0.00	48	22.22	915.12
24	0.976	8.15	239	0.16	0.01	0.005	0.111	0.00	0.01	1.0	0.50	19.15	0	0.00	0.00	46	22.86	937.98
25	0.977	7.97	269	0.16	0.00	0.000	0.111	0.00	0.00	1.0	0.50	19.65	0	0.00	0.00	46	22.88	960.86
26	1.018	8.16	229	0.16	0.01	0.005	0.116	0.01	0.00	1.0	0.52	20.17	0	0.00	0.00	47	24.36	985.22
27	0.968	8.58	222	0.16	0.02	0.010	0.126	0.01	0.01	1.0	0.49	20.66	0	0.00	0.00	54	26.62	1011.84
28	0.953	8.58	198	0.15	0.01	0.005	0.131	0.01	0.00	1.7	0.82	21.48	0	0.00	0.00	48	23.29	1035.13
29	1.008	8.60	195	0.15	0.00	0.000	0.131	0.00	0.00	1.0	0.51	21.99	0	0.00	0.00	52	26.69	1061.82
30	0.872	8.45	121	0.16	0.00	0.000	0.131	0.00	0.00	1.0	0.44	22.43	0	0.00	0.00	48	21.31	1083.13
31	1.010	8.60	216	0.15	0.04	0.021	0.152	0.02	0.02	1.0	0.51	22.94	0	0.00	0.00	48	24.68	1107.81
32	1.082	8.70	230	0.15	0.01	0.006	0.158	0.00	0.01	1.0	0.55	23.49	0	0.00	0.00	42	23.14	1130.95
33	0.907	8.29	268	0.16	0.00	0.000	0.158	0.00	0.00	1.0	0.46	23.95	0	0.00	0.00	41	18.93	1149.88
34	1.058	8.57	273	0.15	0.01	0.005	0.163	0.00	0.01	1.0	0.54	24.49	0	0.00	0.00	44	23.70	1173.58
35	0.954	8.36	176	0.16	0.01	0.005	0.168	0.00	0.01	1.0	0.49	24.98	0	0.00	0.00	44	21.37	1194.95
36	0.978	8.40	284	0.16	0.03	0.015	0.183	0.00	0.03	1.0	0.50	25.48	0	0.00	0.00	44	21.91	1216.86
37	0.962	8.42	170	0.15	0.01	0.005	0.188	0.00	0.01	1.0	0.49	25.97	0	0.00	0.00	42	20.57	1237.43
38	0.981	8.43	203	0.16	0.03	0.015	0.203	0.00	0.03	1.0	0.50	26.47	0	0.00	0.00	26	12.99	1250.42
39	0.968	8.24	165	0.16	0.00	0.000	0.203	0.00	0.00	1.0	0.49	26.96	0	0.00	0.00	39	19.22	1269.64
40	0.966	8.54	230	0.16	0.01	0.005	0.208	0.00	0.01	1.0	0.49	27.45	0	0.00	0.00	48	23.61	1293.25
41	0.935	8.53	228	0.16	0.02	0.010	0.218	0.00	0.02	1.0	0.48	27.93	0	0.00	0.00	54	25.71	1318.96
42	1.001	8.51	268	0.16	0.03	0.015	0.233	0.00	0.03	1.0	0.51	28.44	0	0.00	0.00	56	28.54	1347.50
43	0.953	8.55	246	0.16	0.01	0.005	0.238	0.01	0.00	1.0	0.49	28.93	0	0.00	0.00	47	22.81	1370.31
44	0.963	8.56	283	0.16	0.02	0.010	0.248	0.01	0.01	1.0	0.49	29.42	0	0.00	0.00	57	27.95	1398.26
45	0.945	8.42	270	0.16	0.06	0.029	0.277	0.00	0.06	1.0	0.48	29.90	0	0.00	0.00	48	23.10	1421.36

Test Terminated





SURFACE WATER QUALITY DATA SET
LONG CANYON EIS
ELKO COUNTY, NEVADA, NEWMONT USA LIMITED

						pH, field	Cond., field	Temp	pH, lab	Cond., lab	TDS	Turbidity	Dissolved Oxygen	Ca	Mg	K	Na	Cl	F
Sampling Location	**Sample Date**	**Type**	**Data Source**	**Lab Report?**	**Metals Total or Dissolved?**	**SU**	**uS/cm**	**Deg C**	**SU**	**uS/cm**	**mg/L**	**NTU**	**ug/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
					Profile II Reference Values	**6.5 - 8.5**			**6.5 - 8.5**		**1000**				**150**			**400**	**4**
					NV Drinking Water Standard	**6.5 - 8.5**					**1000**	**0.3**			**150**			**400**	**4**
Big Spring	07/09/2008	SW	Alpha Analytical Inc.; Hg & U Sierra Environmental Monitoring, Inc.; Biological data BioVir Laboratories, Inc.; VOCs, Pesticides, Herbicides BSK Analytical Laboratories; Gross Alpha Energy Laboratories	Yes	Not field filtered, unclear if lab filtered						190	<0.1		46	15	1.4	4.7	2.9	<0.13
Big Spring	08/07/2008	SW	Alpha Analytical Inc.; Hg & U Sierra Environmental Monitoring, Inc.	Yes							200	<0.171		44	15	1.5	6	2.7	<0.00494
Big Spring	09/04/2008	SW	Global Hydrologic	No	Unknown						170	<0.171		48	15	1.6	4.7	2.7	<0.00494
Big Spring	10/07/2008	SW	Aqua Environmental Services, Inc.	No	Unknown	7.8		21			180	<0.171		44	15	1.2	4.6	2.8	<0.00494
Big Spring	11/09/2008	SW	Aqua Environmental Services, Inc.	No	Unknown						180	<0.171		49	16	1.5	5.1	2.7	<0.00494
Big Spring	12/04/2008	SW	Alpha Analytical Inc.; Color, Surfactants, Hg, Odor, U Sierra Environmental Monitoring, Inc.	Yes	Not field filtered, unclear if lab filtered						190	<0.171		50	17	1.5	5.2	2.9	<0.00494
Big Spring	01/06/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						190	<0.171		42	15	1	4.4	2.99	<0.00494
Big Spring	02/05/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						200	<0.171		43	15	1.2	5.4	2.89	0.131
Big Spring	03/01/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						180	<0.171		43	15	1.7	4.6	3	0.13
Big Spring	04/06/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						200	0.18		44	15	1.5	5	2.8	0.11
Big Spring	5/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						190	0.15		43	15	1.3	4.6	2.8	0.1
Big Spring	06/10/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.27		22.5			200	<0.171	7.27					2.8	0.1
Big Spring	07/13/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.3		22.5			190	<0.171	4.43	43	15	1.4	4.8	3.2	0.11
Big Spring	08/13/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.29		22.9			190	<0.171	4.63	38	14	0.39	4.5	3.1	0.13
Big Spring	09/02/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						200	<0.171		40	<0.0066[a]	1.3	4.8	3.2	0.3
Big Spring	10/11/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.8		21.6			190	<0.171	4.7	43	15	1.2	4.3	3.2	0.23
Big Spring	11/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown			21.5			210	0.12	4.07	41	15	1.5	5	3	0.12
Big Spring	12/01/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						200	<0.171		41	15	1.1	4.7	3.1	0.14
Big Spring	12/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						190			50	17	1.5	5.2	2.9	<0.00494
Big Spring	01/08/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						190	0.2		41	14	<0.31	5.1	3	0.15
Big Spring	02/09/2010	SW	Aqua Environmental Services, Inc.	No	Unknown	7.9		21.3			200	0.12	3.76	39	15	1.3	4.7	3	0.079
Big Spring	03/09/2010	SW	Aqua Environmental Services, Inc.	No	Unknown	7.68		17.4			200	<0.171	4.24	40	16	<0.31	4.8	2.9	0.14
Big Spring	04/10/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						190	0.13		42	15	0.86	4.8	2.9	0.11
Big Spring	05/10/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						210	0.4		41	15	0.86	4.8	2.9	0.084
Big Spring	01/13/2011	SW																	
Big Spring	06/21/2011	SW	SVL Analytical	No	Dissolved	7.68	306.5	21.39	7.99		165		5.02	39.5	14.1	1.38	4.36	3.30	<0.10
Big Spring	07/13/2011	SW	SVL Analytical	No	Dissolved	7.69	303.0	21.67	7.99		184		4.12	41.8	15.2	1.51	4.73	2.92	0.11
Big Spring	08/01/2011	SW	SVL Analytical	No	Dissolved	7.79	305.1	21.33	7.84		185		4.09	41.6	15.1	1.46	4.61	3.02	0.13
Big Spring	09/14/2011	SW	SVL Analytical	No	Dissolved	7.74	303.9	21.39	7.83		196		3.66	40.3	14.3	1.37	4.51	3.09	0.12
Big Spring	10/10/2011	SW	SVL Analytical	No	Dissolved	7.62	308.5	20.83	8.00		167		3.48	39.1	14.2	1.42	4.34	2.96	0.13
Big Spring	11/01/2011	SW	SVL Analytical	No	Dissolved	7.83	315.0	20.56	7.96		165		3.64	43.0	16.0	1.62	5.03	3.11	0.11
Big Spring	12/28/2011	SW	SVL Analytical	No	Dissolved	7.73	322.0	15.56	8.03		183		5.35	39.4	14.5	1.43	4.50	2.87	0.10
Big Spring	01/24/2012	SW	SVL Analytical	No	Dissolved	7.77	305.0	20.56	7.88		174		6.00	39.5	15.0	1.46	4.96	2.75	0.11
Big Spring	02/20/2012	SW	SVL Analytical	No	Dissolved	7.83	293.1	17.22	7.95		177		5.19	39.1	14.3	1.39	4.42	2.86	0.11
Big Spring	03/28/2012	SW	SVL Analytical	No	Dissolved	7.80	334.0	21.30	7.96		198		1.48	42.7	15.6	1.49	4.64	2.84	<0.10
Big Spring	04/23/2012	SW	SVL Analytical	No	Dissolved	8.22	338.0	21.32	8.02		178		3.71	37.8	14.1	1.35	4.53	2.79	0.12
Big Spring	05/15/2012	SW	SVL Analytical	No	Dissolved	7.56	332.0	21.38	7.98		171		4.38	38.4	14.1	1.47	4.58	2.82	0.10
Big Spring	06/12/2012	SW	SVL Analytical	No	Dissolved	7.66	320.0	21.38	8.08		154		4.69	41.1	15.3	1.46	4.54	2.73	<0.10
Big Spring	07/10/2012	SW	SVL Analytical	No	Dissolved	7.57	326.0	21.41	7.95		171		4.69	40.6	14.4	1.40	4.63	2.84	<0.10
Big Spring (Dup)	07/10/2012	SW	SVL Analytical	No	Dissolved	7.57	326.0	21.41	7.93		191		4.69	40.8	14.5	1.41	4.62	2.73	<0.01
Big Spring	08/07/2012	SW	SVL Analytical	No	Dissolved	7.61	328.0	21.45	8.08		192		4.56	37.3	13.8	1.31	4.47	2.90	<0.10
Big Spring	09/05/2012	SW	SVL Analytical	No	Dissolved	7.68	328.0	21.47	7.92		176		6.36	40.7	14.8	1.47	4.73	2.91	<0.10
Central Spring	10/07/2008	SW	Global Hydrologic	No	Unknown	7.8		17.1			190	<0.1		48	17	1.5	5.5	3.3	<0.13
Central Spring	05/04/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						200	0.21		19	9	1.9	4.8	3.3	0.12
Central Spring	06/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.23		18.2			210	<0.171		40	16	1.3	5.3	3.2	0.11
Central Spring	07/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.47		18.1			190	0.19		43	17	1.9	5.4	3.7	0.13
Central Spring	08/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.4		18.2			210	<0.171		38	17	0.52	5	3.6	0.12
Central Spring	09/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						200	<0.171		40	16	1.5	6	3.6	0.28
Central Spring	10/06/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.88		17.3			200	0.15		44	17	1.3	5.2	3.4	0.32
Central Spring	11/05/2009	SW	Aqua Environmental Services, Inc.	No	Unknown			16.7			220	0.22		40	16	1.6	5.4	3.4	0.14

Sampling Location	Sample Date	Type	Data Source	Lab Report?	Metals Total or Dissolved?	pH, field	Cond., field	Temp	pH, lab	Cond., lab	TDS	Turbidity	Dissolved Oxygen	Ca	Mg	K	Na	Cl	F
						SU	uS/cm	Deg C	SU	uS/cm	mg/L	NTU	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
					Profile II Reference Values	**6.5 - 8.5**			**6.5 - 8.5**		**1000**				**150**			**400**	**4**
					NV Drinking Water Standard	**6.5 - 8.5**					**1000**	**0.3**			**150**			**400**	**4**
Central Spring	12/01/2009	SW	Aqua Environmental Services, Inc.	No	Unknown			16.7			180	<0.171		41	17	1.4	7.1	3.5	0.16
Central Spring	01/08/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						200	0.35		41	16	0.82	6	3.4	0.16
Central Spring	02/09/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						200	<0.22		38	16	1.4	5.3	3.4	0.08
Central Spring	03/09/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						220	0.14		41	17	0.97	5.5	3.6	0.16
Central Spring	04/10/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						210	<0.22		42	17	1.1	5.4	0.34	0.12
Central Spring	05/10/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						210	0.41		42	16	1.1	5.5	2.3	0.06
Central Spring	06/21/2011	SW	SVL Analytical	No	Dissolved	7.68	312.6	18.33	8.00		193		4.40	40.6	16.2	1.60	5.13	3.75	0.11
Central Spring	07/13/2011	SW	SVL Analytical	No	Dissolved	7.82	313.0	19.44	8.02		179		4.64	41.7	16.8	1.68	5.31	3.35	0.11
Central Spring	08/01/2011	SW	SVL Analytical	No	Dissolved	7.78	314.5	18.00	7.80		188		4.34	40.5	16.3	1.64	5.07	3.47	0.13
Central Spring	09/14/2011	SW	SVL Analytical	No	Dissolved	7.70	312.5	18.28	7.81		183		3.87	41.7	16.4	1.60	5.20	3.59	0.15
Central Spring	10/10/2011	SW	SVL Analytical	No	Dissolved	7.59	317.8	17.39	7.98		174		3.85	39.1	15.7	1.57	4.92	3.35	<0.10
Central Spring	11/01/2011	SW	SVL Analytical	No	Dissolved	7.87	332.0	16.11	7.98		166		3.77	43.9	18.0	1.84	5.76	3.43	0.10
Central Spring	12/28/2011	SW	SVL Analytical	No	Dissolved	7.73	322.0	15.56	8.03		197		5.35	40.9	16.6	1.64	5.17	3.24	<0.10
Central Spring	01/24/2012	SW	SVL Analytical	No	Dissolved	7.70	316.0	15.56	7.88		179		5.50	40.1	16.7	1.64	5.57	3.21	0.13
Central Spring	02/20/2012	SW	SVL Analytical	No	Dissolved	7.71	313.2	16.11	7.90		192		5.93	38.3	15.5	1.52	4.87	3.30	0.12
Central Spring	03/28/2012	SW	SVL Analytical	No	Dissolved	7.84	340.0	16.97	8.10		199		1.60	42.9	17.0	1.66	5.21	3.40	<0.10
Central Spring	04/23/2012	SW	SVL Analytical	No	Dissolved	8.11	491.0	16.68	8.11		190		3.08	38.5	15.6	1.53	5.21	3.18	0.12
Central Spring	05/22/2012	SW	SVL Analytical	No	Dissolved	7.58	337.0	17.31	8.11		192		4.90	39.3	15.9	1.56	5.26	3.27	0.14
Central Spring	06/18/2012	SW	SVL Analytical	No	Dissolved	7.43	339.0	17.37	8.13		192		4.79	42.0	16.8	1.64	5.40	3.17	<0.10
Central Spring	07/10/2012	SW	SVL Analytical	No	Dissolved	7.68	321.0	17.86	7.90		174		5.34	40.3	15.8	1.55	5.19	3.28	<0.10
Central Spring (Dup)	07/12/2012	SW	SVL Analytical	No	Dissolved	7.68	321.0	17.86	7.92		194		5.34	41.0	15.9	1.57	5.26	3.17	0.14
Central Spring	08/27/2012	SW	SVL Analytical	No	Dissolved	7.49	338.0	17.92	8.06		175		5.34	39.3	16.0	1.55	5.07	3.25	0.10
Central Spring	09/12/2012	SW	SVL Analytical	No	Dissolved	7.69	339.0	16.79	8.33		178		7.00	39.6	15.7	1.60	5.06	3.40	0.13
Northern Spring	09/04/2008	SW	Global Hydrologic	No	Unknown						190	0.13		46	16	2.1	5.6	3.4	<0.13
Northern Spring	10/07/2008	SW	Global Hydrologic	No	Unknown	7.8		22.3											
Northern Spring	05/04/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						7.1[a]	0.37		42	17	2	5.5	3.4	0.13
Northern Spring	06/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.37		22.7			11[a]	0.28		40	16	2	5.4	3.3	0.12
Northern Spring	07/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.47		24.4			11[a]	0.42		42	17	1.9	5.7	3.8	0.14
Northern Spring	08/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.49		25.1			10[a]	<0.171		38	17	0.96	5.5	3.6	0.16
Northern Spring	09/09/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						10[a]	0.25		40	16	1.6	5.7	3.7	0.31
Northern Spring	10/06/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.87		21.5			10[a]	0.22		44	17	2	5.7	3.8	0.26
Northern Spring	11/05/2009	SW	Aqua Environmental Services, Inc.	No	Unknown	7.43		20.9			9.6[a]	0.21		40	16	2	6	3.6	0.14
Northern Spring	12/01/2009	SW	Aqua Environmental Services, Inc.	No	Unknown			19.4			9[a]	0.28		41	17	1.7	5.8	3.7	0.16
Northern Spring	01/08/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						210	0.37		42	17	2	5.5	3.4	0.13
Northern Spring	02/09/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						200	0.91		40	16	1.7	5.8	3.5	0.08
Northern Spring	03/09/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						210	0.2		40	17	1.2	5.9	3.6	0.16
Northern Spring	04/10/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						190	0.2		41	17	1.4	5.9	3.5	0.13
Northern Spring	05/10/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						210	0.45		40	16	1.5	5.8	3.3	0.11
Northern Spring	06/21/2011	SW	SVL Analytical	No	Dissolved	7.28	325.0	21.72	7.95		185		4.58	39.5	16.1	1.86	5.42	3.81	0.14
Northern Spring	07/13/2011	SW	SVL Analytical	No	Dissolved	7.52	319.0	23.33	8		172		3.25	40.8	16.7	1.99	5.66	3.39	0.15
Northern Spring	08/01/2011	SW	SVL Analytical	No	Dissolved	7.57	323.8	21.89	7.72		193		2.77	40.9	14.9	2.07	5.58	3.59	0.15
Northern Spring	09/14/2011	SW	SVL Analytical	No	Dissolved	7.56	322.0	21.11	7.68		187		2.38	40.9	16.5	1.97	5.61	3.57	0.15
Northern Spring	10/10/2011	SW	SVL Analytical	No	Dissolved	7.18	324.6	20.38	7.95		184		2.67	39.3	16.1	2.09	5.34	3.53	0.14
Northern Spring	11/01/2011	SW	SVL Analytical	No	Dissolved	7.77	358.0	19.44	7.92		175		3.06	41.5	17.4	2.20	5.95	3.64	0.12
Northern Spring	12/28/2011	SW	SVL Analytical	No	Dissolved	7.72	372.0	20.00	8.02		195		4.77	39.6	16.5	2.02	5.53	3.41	0.11
Northern Spring	01/23/2012	SW	SVL Analytical	No	Dissolved	7.68	321.2	19.44	7.99		182		5.00	39.8	16.9	2.30	6.04	3.66	0.13
Northern Spring	02/20/2012	SW	SVL Analytical	No	Dissolved	7.76	316.7	20.06	7.94		198		5.55	38.1	15.8	1.89	5.23	3.38	0.12
Northern Spring	03/27/2012	SW	SVL Analytical	No	Dissolved	7.78	351.0	19.84	8.06		181		1.08	40.1	16.7	2.01	5.57	3.35	0.12
Northern Spring (Dup)	03/27/2012	SW	SVL Analytical	No	Dissolved	7.78	351.0	19.84	8.11		176		1.68	39.9	16.6	2.03	5.53	3.34	0.12
Northern Spring	04/23/2012	SW	SVL Analytical	No	Dissolved	8.14	358.0	22.87	8.11		186		2.40	37.8	15.7	1.89	5.60	3.2	0.11
Northern Spring	05/22/2012	SW	SVL Analytical	No	Dissolved	7.75	343.0	22.36	8.19		194		4.54	38.9	16.2	1.89	5.63	3.32	0.15
Northern Spring	06/18/2012	SW	SVL Analytical	No	Dissolved	7.58	343.0	21.98	8.08		181		3.70	40.9	16.8	2.03	5.77	3.19	0.10
Northern Spring	07/10/2012	SW	SVL Analytical	No	Dissolved	7.51	345.0	22.52	7.92		165		3.95	40.5	16.1	1.96	5.64	3.34	<0.10
Northern Spring	08/13/2012	SW	SVL Analytical	No	Dissolved	7.60	344.0	22.81	7.95		191		4.55	39.8	16.7	1.93	5.64	3.35	0.10
Northern Spring	09/12/2012	SW	SVL Analytical	No	Dissolved	7.70	343.0	20.50	8.29		187		5.85	41.5	16.6	2.04	5.57	3.56	0.14
Long Canyon Spring	04/06/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						220			43	17	2	6.4	3.3	0.13

Sampling Location	Sample Date	Type	Data Source	Lab Report?	Metals Total or Dissolved?	pH, field	Cond., field	Temp	pH, lab	Cond., lab	TDS	Turbidity	Dissolved Oxygen	Ca	Mg	K	Na	Cl	F
						SU	uS/cm	Deg C	SU	uS/cm	mg/L	NTU	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
					Profile II Reference Values	**6.5 - 8.5**			**6.5 - 8.5**		**1000**				**150**			**400**	**4**
					NV Drinking Water Standard	**6.5 - 8.5**					**1000**	**0.3**			**150**			**400**	**4**
Long Canyon Spring	04/22/2009	SW	Aqua Environmental Services, Inc.	No	Unknown						220			29	14	5.1	17	3.7	0.18
Combined Smaller Springs	06/10/2009	SW	Alpha Analytical Inc.; Hg & U Sierra Environmental Monitoring, Inc.	Yes	Unclear COC					450	270			68	25	1.3	7.6	2.7	0.13
Combined Smaller Springs	07/13/2009	SW	Global Hydrologic	No	Unknown					430	270			50	21	1.6	5.8	3.4	0.68
Combined Smaller Springs	08/13/2009	SW	Alpha Analytical Inc.; CN, Hg, U Sierra Environmental, Inc.; Alpha and Beta Energy Labs	Yes	Not field filtered, unclear if lab filtered	7.8			7.8	420	230			62	23	1.2	6.8	3.0	<0.13
Combined Smaller Springs	09/02/2009	SW	Alpha Analytical Inc.; Hg & U Sierra Environmental Monitoring, Inc.	Yes	Not field filtered, unclear if lab filtered			19	7.7	380	250			61	20	1.4	6	3.1	<0.13
Combined Smaller Springs	10/11/2009	SW	Alpha Analytical Inc.; Hg & U Sierra Environmental Monitoring, Inc.	Yes	Not field filtered, unclear if lab filtered	7.9		19		390	220			66	21	2.8	6.7	4.3	<0.13
Combined Smaller Springs	11/09/2009	SW	Alpha Analytical Inc.; Hg & U Sierra Environmental Monitoring, Inc.	Yes	Not field filtered, unclear if lab filtered	7.6	390	19		390	250			52	19	2.3	6.4	3.9	<0.13
Combined Smaller Springs	04/08/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						230	0.59		48	20	2.3	6.7	3.7	0.16
Combined Smaller Springs	05/05/2010	SW	Aqua Environmental Services, Inc.	No	Unknown						290	1.2		58	26	2.1	8.4	2.8	0.11
Combined Smaller Springs	06/21/2011	SW	SVL Analytical	No	Dissolved	7.65	424.9	16.83	7.90		262		5.3	56.3	23.3	1.81	7.24	4.51	0.16
Combined Smaller Springs	07/13/2011	SW	SVL Analytical	No	Dissolved	7.71	303.0	21.67	7.98		260		4.45	54.7	25.2	1.64	6.83	4.13	0.21
Combined Smaller Springs	08/2011	SW	SVL Analytical	No	Dissolved	7.69	441.4	19.06	7.76		274		3.81	57.5	25.9	2.95	7.35	5.74	0.22
Combined Smaller Springs	09/14/2011	SW	SVL Analytical	No	Dissolved	7.78	387.6	14.89	7.90		233		5.15	50.4	23.0	2.11	7.04	5.56	0.19
Combined Smaller Springs	10/10/2011	SW	SVL Analytical	No	Dissolved	7.76	391.0	8.33	7.96		334		5.85	47.6	21.4	4.15	6.77	7.11	0.18
Combined Smaller Springs	11/01/2011	SW	SVL Analytical	No	Dissolved	7.77	384.0	3.89	7.96		222		6.21	52.7	24.2	2.75	7.13	5.19	0.15
Combined Smaller Springs	03/27/2012	SW	SVL Analytical	No	Dissolved	7.60	417.0	2.23	8.06		227		1.67	48.2	19.5	2.80	6.25	4.35	0.14
Combined Smaller Springs (Dup)	03/27/2012	SW	SVL Analytical	No	Dissolved	7.60	417.0	2.23	8.11		222		1.67	48.4	19.7	2.78	6.13	4.29	0.18
Combined Smaller Springs	04/23/2012	SW	SVL Analytical	No	Dissolved	7.44	468.0	12.67	8.16		249		1.39	50.4	20.2	2.44	6.52	3.48	0.18
Combined Smaller Springs	05/22/2012	SW	SVL Analytical	No	Dissolved	7.85	433.0	13.91	8.10		263		6.41	54.5	22.2	2.34	6.81	3.91	0.20
Combined Smaller Springs	06/12/2012	SW	SVL Analytical	No	Dissolved	7.58	495.0	16.48	8.11		234		7.65	59.5	24.6	2.7	7.23	4.53	0.13
Combined Smaller Springs	07/10/2012	SW	SVL Analytical	No	Dissolved	7.41	554.0	18.69	7.84		324		2.41	63.4	24.6	7.48	7.83	7.77	0.18
Combined Smaller Springs	08/13/2012	SW	SVL Analytical	No	Dissolved	7.25	493.0	19.22	7.83		242		1.24	51.7	20.6	3.46	6.51	3.80	0.14
Combined Smaller Springs	09/05/2012	SW	SVL Analytical	No	Dissolved	7.06	421.0	5.92	7.73		290		6.33	60.6	21.9	4.94	7.58	5.98	0.13
Extreme Northern Spring	09/02/2009	SW	Alpha Analytical Inc.; Hg & U Sierra Environmental Monitoring, Inc.	Yes	Not field filtered, unclear if lab filtered	7.7		19		340	200			49	18	2.4	5.8	3.5	<0.13

Notes:
GW = Ground water
SW = Surface water
mg/L = milligrams per Liter
ug/L - micrograms per Liter
NTU = Nephelometric Turbidity Units
SU = Standard Units
ND = Non-Detect, no detection limit provided
a Value appears anomalously low, could not be validated
b Value appears anomalously high, could not be validated
c Unclear if units are as CaCO3 or as HCO3
d Unacceptable charge balance, unable to validate analyses
e Unacceptable charge balance
J biased low
R unuseable
Concentration exceeds the Profile II Reference Values and/or Nevada Drinking Water Standards

Sampling Location	Sample Date	SO4	N, NO3+NO2 as N	Total N as N	Bicarbonate (as CaCO3)	Carbonate (as CaCO3)	Hydroxide (as CaCO3)	Total Alkalinity (as CaCO3)	Al	Sb	As	Ba	Be	Cd	Cr	Cu	Fe	Pb	Mn	Se	SiO2	Ag
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		500	10	10					0.2	0.006	0.010	2	0.004	0.005	0.1	1	0.6	0.015	0.1	0.05		0.1
		500							0.2	0.006	0.01	2	0.004	0.005	0.1	1.3	0.6	0.015	0.05	0.05		0.1
Big Spring	07/09/2008	12			170			170	<0.05	<0.005	0.0025	0.16	<0.001	<0.001	<0.005	<0.01	0.28	<0.005	<0.005	<0.005		<0.005
Big Spring	08/07/2008	12			170			170	<0.031	<0.00065	0.0022	0.15	<0.00035	<0.00035	<0.00087	<0.00061	0.33	<0.00034	<0.00033	<0.0011		<0.00064
Big Spring	09/04/2008	12			170			170	<0.031	<0.00065	<0.00088	0.16	<0.00035	<0.00035	<0.00087	<0.00061	<0.0081	<0.00034	<0.00033	<0.0011	13	<0.00064
Big Spring	10/07/2008	12			160			160	<0.031	<0.00065	0.0022	0.15	<0.00035	<0.00035	<0.00087	<0.00061	0.27	<0.00034	<0.00033	<0.0011	13	<0.00064
Big Spring	11/09/2008	12			170			170	<0.031	<0.00065	0.0027	0.17	<0.00035	<0.00035	<0.00087	<0.00061	0.41	<0.00034	<0.00033	<0.0011	14	<0.00064
Big Spring	12/04/2008	12			160			160	<0.031	<0.00065	0.0023	0.17	<0.00035	<0.00035	<0.00087	<0.00061	0.33	<0.00034	<0.00033	<0.0011	14	<0.00064
Big Spring	01/06/2009	11.5			160	<3.02		160	<0.031	0.0011	0.0021	0.15	<0.00035	<0.00035	<0.00087	<0.00061	0.076	<0.00034	<0.00033	<0.0011		<0.00064
Big Spring	02/05/2009	11.4			150			150	<0.031	0.001	0.0021	0.15	<0.00087	<0.00087	<0.00098	<0.00091	0.14	<0.00074	<0.00081	<0.0034		<0.00016
Big Spring	03/01/2009	12			NA	NA		160	<0.031	<0.00099	0.0023	0.16	<0.00087	<0.00087	<0.00098	<0.00091		<0.00074	<0.00081	<0.0034		<0.00016
Big Spring	04/06/2009	11			160			160	<0.031	<0.00099	0.0018	0.15	<0.00087	<0.00087	<0.00098	<0.00091		<0.00074	<0.00081	<0.0034		<0.00016
Big Spring	5/2009	11			160			160	<0.031	<0.00099	0.0021	0.16	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034		<0.00016
Big Spring	06/10/2009	11			160			160	<0.031	<0.00099	0.0019	0.15	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	9.5	<0.00016
Big Spring	07/13/2009	13			160			160	<0.031	<0.00099	0.0019	0.5	<0.00087	<0.00087	<0.00098	<0.00091	0.15	<0.00074	<0.00081	<0.0034	9.6	0.0002
Big Spring	08/13/2009	12			160			160	<0.031	<0.00099	0.002	0.15	<0.00087	<0.00087	<0.00098	<0.00091	0.013	<0.00074	<0.00081	<0.0034	10	0.00006
Big Spring	09/02/2009	11			160			160	<0.031	<0.00099	0.002	0.16	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	10	<0.00016
Big Spring	10/11/2009	12			150			150	<0.031	<0.00099	0.0023	0.15	<0.00087	<0.00087	0.0011	0.0007	<0.024	<0.00074	0.0004	0.0008	10	0.0002
Big Spring	11/09/2009	11			160			160	<0.031	<0.00099	0.0025	0.16	<0.00087	<0.00087	<0.00098	<0.00091	0.077	<0.00074	<0.00081	<0.0034	9.6	0.00005
Big Spring	12/01/2009	12			200			200	<0.031	<0.00099	0.0021	0.16	<0.00087	<0.00087	0.001	<0.00061	<0.024	<0.00074	<0.00081	<0.0034	9	<0.00016
Big Spring	12/2009	12						160	<0.031	<0.00065	0.0023	0.17	<0.00035	<0.00035	<0.00087	<0.00061	0.33	<0.00034	<0.00033	<0.0011	14	<0.00064
Big Spring	01/08/2010	11			160			160	<0.031	<0.00099	0.0021	0.16	<0.00087	<0.00087	0.001	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	10	<0.0016
Big Spring	02/09/2010	11			160			160	<0.031	<0.00099	0.0027	0.16	<0.00087	<0.00087	0.0009	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	8.4	<0.0016
Big Spring	03/09/2010	12			160			160	<0.031	<0.00099	0.002	0.16	<0.00087	<0.00087	0.0009	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	9.6	0.003
Big Spring	04/10/2010	12			170			170	0.38	<0.00099	0.0021	0.16	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	9.3	<0.0016
Big Spring	05/10/2010	11			160			160	<0.031	<0.00099	0.002	0.15	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	9.3	<0.0016
Big Spring	01/13/2011																					
Big Spring	06/21/2011	11.6	0.498	<0.55	163	<1.0		163	<0.08	<0.003	<0.003	0.157	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	07/13/2011	11.5	0.508	<0.55	163	<1.0		163	<0.08	<0.003	<0.003	0.163	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	08/01/2011	11.2	0.465	<0.55	161			161	<0.08	<0.003	<0.003	0.165	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	09/14/2011	11.6	0.522	<0.55	163	<1.0		163	<0.08	<0.003	<0.003	0.156	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	10/10/2011	11.7	0.562	<0.55	163			163	<0.08	<0.003	<0.003	0.160	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	11/01/2011	11.9	0.480	<0.55	160	<1.0		160	<0.08	<0.003	<0.003	0.165	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	12/28/2011	11.4	0.594	0.594	159	<1.0		159	<0.08	<0.003	<0.003	0.157	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	01/24/2012	12.2	0.613	0.613	161			161	<0.08	<0.003	<0.003	0.156	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	02/20/2012	11.9	0.554	<0.55	162			162	<0.08	<0.003	<0.003	0.151	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	03/28/2012	11.5	0.459	<0.55	164			164	<0.08	<0.003	<0.003	0.166	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	04/23/2012	11.6	0.462	<0.55	161			161	<0.08	<0.003	<0.003	0.146	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	05/15/2012	12.1	0.467	<0.55	156			156	<0.08	<0.003	<0.003	0.140	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	06/12/2012	11.5	0.532	<0.55	165			165	<0.08	<0.003	<0.003	0.160	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	07/10/2012	12.0	0.500	<0.55	163			163	<0.08	<0.003	<0.003	0.154	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring (Dup)	07/10/2012	11.8	0.467	<0.56	166			166	<0.08	<0.003	<0.003	0.154	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	08/07/2012	12.0	0.468	<0.55	166			166	<0.08	<0.003	<0.003	0.142	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Big Spring	09/05/2012	11.9	0.547	<0.55	167			167	<0.08	<0.003	<0.003	0.156	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	10/07/2008	14						170	<0.05	<0.005	0.0033	0.21	<0.001	<0.001	<0.005	<0.01	0.29	<0.005	<0.005	<0.01	14	<0.005
Central Spring	05/04/2009	13			160			160	<0.031	<0.00099	0.0024	0.2	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	5.9	<0.0016
Central Spring	06/09/2009	12			170			170	<0.031	<0.00099	0.0026	0.2	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	10	<0.0016
Central Spring	07/09/2009	15			160			160	<0.031	<0.00099	0.0024	0.2	<0.00087	<0.00087	<0.00098	<0.00091	0.033	<0.00074	<0.00081	<0.0034	10	0.0001
Central Spring	08/09/2009	14			160			160	<0.031	<0.00099	0.0024	0.2	<0.00087	<0.00087	<0.00098	<0.00091	0.029	<0.00074	<0.00081	<0.0034	11	<0.0016
Central Spring	09/09/2009	13			160			160	<0.031	<0.00099	0.0026	0.2	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	11	<0.0016
Central Spring	10/06/2009	13			160			160	<0.031	<0.00099	0.0023	0.2	<0.00087	<0.00087	0.0014	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	11	0.00007
Central Spring	11/05/2009	13			160			160	<0.031	<0.00099	0.0026	0.2	<0.00087	<0.00087	<0.00098	<0.00091	0.073	<0.00074	<0.00081	<0.0034	10	0.00005

Sampling Location	Sample Date	SO4	N, NO3+NO2 as N	Total N as N	Bicarbonate (as CaCO3)	Carbonate (as CaCO3)	Hydroxide (as CaCO3)	Total Alkalinity (as CaCO3)	Al	Sb	As	Ba	Be	Cd	Cr	Cu	Fe	Pb	Mn	Se	SiO2	Ag
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		500	10	10					0.2	0.006	0.010	2	0.004	0.005	0.1	1	0.6	0.015	0.1	0.05		0.1
		500							0.2	0.006	0.01	2	0.004	0.005	0.1	1.3	0.6	0.015	0.05	0.05		0.1
Central Spring	12/01/2009	13			160			160	<0.031	<0.00099	0.0025	0.21	<0.00087	<0.00087	<0.00098	<0.00091	0.058	<0.00074	<0.00081	0.0008	8	0.00007
Central Spring	01/08/2010	14			160			160	0.039	<0.00099	0.0025	0.21	<0.00087	<0.00087	0.0009	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	11	<0.0016
Central Spring	02/09/2010	13			170			170	<0.031	<0.00099	0.003	0.2	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	9	<0.0016
Central Spring	03/09/2010	14			170			170	<0.031	<0.00099	0.0023	0.21	<0.00087	<0.00087	<0.00098	0.0007	0.18	<0.00074	<0.00081	<0.0034	10	<0.0016
Central Spring	04/10/2010	13			170			170	0.47	<0.00099	0.0023	0.2	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	10	<0.0016
Central Spring	05/10/2010	12			170			170	<0.031	<0.00099	0.0024	0.2	<0.00087	<0.00087	<0.00098	<0.00091	0.058	<0.00074	<0.00081	<0.0034	10	<0.0016
Central Spring	06/21/2011	13.6	0.507	<0.55	168	<1.0		168	<0.08	<0.003	<0.003	0.203	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	07/13/2011	13.4	0.490	<0.55	169	<1.0		169	<0.08	<0.003	<0.003	0.211	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	08/01/2011	13.2	0.418	<0.55	167			167	<0.08	<0.003	<0.003	0.209	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	09/14/2011	13.6	0.541	<0.55	169	<1.0		169	<0.08	<0.003	<0.003	0.204	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	10/10/2011	13.8	0.565	<0.55	168			168	<0.08	<0.003	<0.003	0.205	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	11/01/2011	13.9	0.475	<0.55	164	<1.0		164	<0.08	<0.003	<0.003	0.219	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	12/28/2011	13.4	0.604	<0.55	164	<1.0		164	<0.08	<0.003	<0.003	0.212	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	01/24/2012	14.0	0.515	<0.55	166			166	<0.08	<0.003	<0.003	0.201	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	02/20/2012	13.9	0.528	<0.55	167			167	<0.08	<0.003	<0.003	0.190	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	03/28/2012	13.5	0.465	<0.55	169			169	<0.08	<0.003	<0.003	0.214	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	04/23/2012	13.6	0.445	<0.55	164			164	<0.08	<0.003	<0.003	0.193	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	05/22/2012	14.0	0.463	<0.55	169			169	<0.08	<0.003	<0.003	0.201	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	06/18/2012	13.4	0.442	<0.55	169			169	<0.08	<0.003	<0.003	0.203	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	07/10/2012	13.9	0.516	<0.55	169			169	<0.08	<0.003	<0.003	0.197	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring (Dup)	07/12/2012	13.7	0.476	<0.55	170			170	<0.08	<0.003	<0.003	0.200	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	08/27/2012	13.8	0.490	<0.55	170			170	<0.08	<0.003	<0.003	0.197	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Central Spring	09/12/2012	13.8	0.501	<0.55	173			173	<0.08	<0.003	<0.003	0.204	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	09/04/2008	16						170	<0.05	<0.005	<0.002	0.24	<0.001	<0.001	<0.005	<0.01	<0.1	<0.005	<0.005	<0.005	15	<0.005
Northern Spring	10/07/2008																					
Northern Spring	05/04/2009	14			160	<3.6		160	<0.031	<0.00099	0.0026	0.23	<0.00087	<0.00087	<0.00098	<0.00091	0.41	<0.00074	<0.00081	<0.0034	7.1	<0.0016
Northern Spring	06/09/2009	14			160	<3.6		160	<0.031	<0.00099	0.0029	0.23	<0.00087	<0.00087	<0.00098	<0.00091	0.31	<0.00074	0.0067	<0.0034	11	<0.0016
Northern Spring	07/09/2009	17			160	<3.6		160	<0.031	<0.00099	0.0028	0.23	<0.00087	<0.00087	<0.00098	<0.00091	0.067	<0.00074	0.0008	<0.0034	11	0.0002
Northern Spring	08/09/2009	16			160	<3.6		160	<0.031	<0.00099	0.0028	0.23	<0.00087	<0.00087	<0.00098	<0.00091	0.029	<0.00074	0.0005	<0.0034	10	<0.0016
Northern Spring	09/09/2009	15			160	<3.6		160	<0.031	<0.00099	0.0028	0.24	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	10	<0.0016
Northern Spring	10/06/2009	15			160	<3.6		160	<0.031	<0.00099	0.0028	0.23	<0.00087	<0.00087	0.0011	<0.00091	0.05	<0.00074	0.0006	<0.0034	10	0.0003
Northern Spring	11/05/2009	15			170	<3.6		170	0.034	<0.00099	0.0032	0.24	<0.00087	<0.00087	<0.00098	<0.00091	0.07	<0.00074	0.0018	<0.0034	9.6	<0.0016
Northern Spring	12/01/2009	15			160	<3.6		160	<0.031	<0.00099	0.0029	0.23	<0.00087	<0.00087	<0.00098	<0.00091	0.053	<0.00074	0.0007	<0.0034	9	<0.0016
Northern Spring	01/08/2010	14			160	<3.6		160	<0.031	<0.00099	0.0028	0.24	<0.00087	<0.00087	0.0012	<0.00091	0.047	<0.00074	0.0006	<0.0034	7.1	<0.0016
Northern Spring	02/09/2010	15			170	<3.6		170	0.38	<0.00099	0.0033	0.23	<0.00087	<0.00087	<0.00098	<0.00091	0.047	<0.00074	0.0006	<0.0034	9.7	<0.0016
Northern Spring	03/09/2010	17			160	<3.6		160	<0.031	<0.00099	0.0027	0.24	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	0.0006	<0.0034	11	0.0001
Northern Spring	04/10/2010	15			170	<3.6		170	0.24	<0.00099	0.0029	0.24	<0.00087	<0.00087	0.0012	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	11	<0.0016
Northern Spring	05/10/2010	14			160	<3.6		160	<0.031	<0.00099	0.0027	0.23	<0.00087	<0.00087	<0.00098	<0.00091	<0.024	<0.00074	<0.00081	<0.0034	11	<0.0016
Northern Spring	06/21/2011	15.3	0.356	<0.55	171	<1.0		171	<0.08	<0.003	<0.003	0.232	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	07/13/2011	15	0.341	<0.55	170	<1.0		170	<0.08	<0.003	<0.003	0.241	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	08/01/2011		0.414	<0.55	169			169	<0.08	<0.003	<0.003	0.240	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	09/14/2011	14.9	0.376	<0.55	166	<1.0		166	<0.08	<0.003	<0.003	0.238	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	10/10/2011		0.707	<0.55	170			170	0.135	<0.003	0.003	0.243	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	11/01/2011	15.2	0.392	<0.55	166	<1.0		166	<0.08	<0.003	<0.003	0.245	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	12/28/2011	15.3	0.544	<0.55	164	<1.0		164	<0.08	<0.003	<0.003	0.241	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	01/23/2012	16.6	0.478	<0.55	167			167	<0.08	<0.003	<0.003	0.237	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	02/20/2012	15.9	0.407	<0.55	165			165	<0.08	<0.003	<0.003	0.223	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	03/27/2012	16.0	0.398	<0.55	170			170	<0.08	<0.003	<0.003	0.245	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring (Dup)	03/27/2012	15.9	0.394	<0.55	169			169	<0.08	<0.003	<0.003	0.240	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	04/23/2012	15.3	0.326	<0.55	161			161	<0.08	<0.003	<0.003	0.222	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	05/22/2012	15.8	0.369	<0.55	166			166	<0.08	<0.003	<0.003	0.232	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	06/18/2012	15.1	0.328	<0.55	169			169	<0.08	<0.003	<0.003	0.236	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	07/10/2012	15.7	0.404	<0.55	170			170	<0.08	<0.003	<0.003	0.234	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	08/13/2012	15.5	0.324	<0.55	169			169	<0.08	<0.003	<0.003	0.236	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Northern Spring	09/12/2012	15.4	0.401	<0.55	173			173	<0.08	<0.003	<0.003	0.239	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005
Long Canyon Spring	04/06/2009	14			160	4.4		160	0.066	<0.00065	0.0013	0.22	<0.00035	<0.00035	<0.00087	0.0011	<0.0081	<0.00034	0.0077	<0.0011		<0.00064

Sampling Location	Sample Date	SO4	N, NO3+NO2 as N	Total N as N	Bicarbonate (as CaCO3)	Carbonate (as CaCO3)	Hydroxide (as CaCO3)	Total Alkalinity (as CaCO3)	Al	Sb	As	Ba	Be	Cd	Cr	Cu	Fe	Pb	Mn	Se	SiO2	Ag
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		500	10	10					0.2	0.006	0.010	2	0.004	0.005	0.1	1	0.6	0.015	0.1	0.05		0.1
		500							0.2	0.006	0.01	2	0.004	0.005	0.1	1.3	0.6	0.015	0.05	0.05		0.1
Long Canyon Spring	04/22/2009	19			130	20		130	0.082	0.0008	0.0057	0.25	<0.00035	0.0004	<0.00087	0.001	0.04	<0.00034	0.021	<0.0011		<0.00064
Combined Smaller Springs	06/10/2009	14			200			200	<0.05	<0.005	0.0042	0.28	<0.001	<0.001	<0.005	<0.01	0.63	<0.005	0.006	<0.005	19	<0.005
Combined Smaller Springs	07/13/2009	12						240	<0.05	<0.005	0.0027	0.3	<0.001	<0.001	<0.005	<0.01	0.31	<0.005	0.0079	<0.005	20	<0.005
Combined Smaller Springs	08/13/2009	13			220			220	<0.05	<0.005	0.0028	0.25	<0.001	<0.001	<0.005	<0.01	0.39	<0.005	<0.005	<0.005	19	<0.005
Combined Smaller Springs	09/02/2009	12			260			260	<0.05	<0.005	<0.002	0.24	<0.001	<0.001	<0.005	0.062	0.25	<0.005	<0.005	<0.005	19	<0.005
Combined Smaller Springs	10/11/2009	16			210			210	<0.05	<0.005	0.0026	0.23	<0.001	<0.001	<0.005	<0.01	0.25	<0.005	<0.005	<0.005	16	<0.005
Combined Smaller Springs	11/09/2009	15			200			200	<0.05	<0.005	0.0025	0.21	<0.001	<0.001	<0.005	<0.01	0.37	<0.005	<0.005	<0.005	16	<0.005
Combined Smaller Springs	04/08/2010	17			200	<3.6		200	0.33	<0.031	0.0028	0.22	<0.00044	<0.00035	<0.00035	<0.00087	0.04	<0.0081	0.0096	<0.00033	11	<0.5
Combined Smaller Springs	05/05/2010	23			240	<3.6		240	<3.02	<0.031	0.0038	0.25	<0.00044	<0.00035	<0.00035	<0.00087	<0.00061	<0.0081	0.0028	<0.00033	10	<0.5
Combined Smaller Springs	06/21/2011	16.3	<0.05	<0.55	237	<1.0		237	<0.08	<0.003	<0.003	0.274	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0041	<0.04		<0.005
Combined Smaller Springs	07/13/2011	13.1	<0.05	<0.55	238	<1.0		238	<0.08	<0.003	<0.003	0.262	<0.002	<0.002	<0.006	<0.01	0.066	<0.003	0.0042	<0.04		<0.005
Combined Smaller Springs	08/2011	12.2	<0.05	<0.55	248			248	<0.08	<0.003	0.0032	0.273	<0.002	<0.002	<0.006	<0.01	0.063	<0.003	0.0062	<0.04		<0.005
Combined Smaller Springs	09/14/2011	16.9	<0.05	<0.55	218	<1.0		218	<0.08	<0.003	<0.003	0.228	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.04		<0.005
Combined Smaller Springs	10/10/2011	18.9	<0.05	<0.55	213			213	<0.08	<0.003	<0.003	0.225	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.04		<0.005
Combined Smaller Springs	11/01/2011	16.0	0.086	<0.55	210	<1.0		210	<0.08	<0.003	<0.003	0.217	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.04		<0.005
Combined Smaller Springs	03/27/2012	17.1	<0.05	<0.55	204			204	<0.08	<0.003	<0.003	0.233	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0046	<0.04		<0.005
Combined Smaller Springs (Dup)	03/27/2012	17.1	<0.05	<0.55	206			206	<0.08	<0.003	<0.003	0.234	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0049	<0.004		<0.005
Combined Smaller Springs	04/23/2012	12.0	<0.05	<0.55	225			225	<0.08	<0.003	0.0035	0.257	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0063	<0.04		<0.005
Combined Smaller Springs	05/22/2012	14.2	<0.05	<0.55	236			236	<0.08	<0.003	<0.003	0.259	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.04		<0.005
Combined Smaller Springs	06/12/2012	15.7	<0.05	<0.55	241			241	<0.08	<0.003	<0.003	0.264	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.04		<0.005
Combined Smaller Springs	07/10/2012	7.9	0.65	<0.55	285			285	<0.08	<0.003	0.0035	0.350	<0.002	<0.002	<0.006	<0.01	0.118	<0.003	0.0375	<0.04		<0.005
Combined Smaller Springs	08/13/2012	10.6	<0.05	<0.55	222			222	<0.08	<0.003	<0.003	0.287	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0041	<0.04		<0.005
Combined Smaller Springs	09/05/2012	13.9	<0.05	<0.55	259			259	<0.08	<0.003	<0.003	0.286	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0050	<0.04		<0.005
Extreme Northern Spring	09/02/2009	16			180			180	0.051	<0.005	0.0023	0.21	<0.001	<0.001	<0.005	0.058	0.21	<0.005	<0.005	<0.005	18	<0.005

Notes:
GW = Ground water
SW = Surface water
mg/L = milligrams per Liter
ug/L - micrograms per Liter
NTU = Nephelometric Turbidity Units
SU = Standard Units
ND = Non-Detect, no detection limit provided
a Value appears anomalously low, could not be validated
b Value appears anomalously high, could not be validated
c Unclear if units are as CaCO3 or as HCO3
d Unacceptable charge balance, unable to validate analyses
e Unacceptable charge balance
J biased low
R unuseable
Concentration exceeds the Profile II Reference Values and/or Nevada Drinking Water Standards

Sampling Location	Sample Date	Sr	Tl	U	CN, Total	CN WAD	Zn	Hg	Bi	B	Co	Ga	Li	Mo	Ni	Sc	Sn	Ti	V	P, Total
		mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			0.002			0.2	5.0	0.002							0.1					
				0.03	0.2	0.2	5	0										0.002		
Big Spring	07/09/2008	0.16	<0.001	<0.001	<0.005		<0.05	<0.0002												
Big Spring	08/07/2008	0.17	<0.00039	<0.00035	<0.0031		<0.0011	<0.000022												
Big Spring	09/04/2008	0.19	<0.00039	<0.00035	<0.0031		<0.0011	<0.000022												
Big Spring	10/07/2008	0.16	<0.00039	0.001	<0.0031		<0.0011	<0.000022												
Big Spring	11/09/2008	0.18	<0.00039	0.001	<0.0031		<0.0011	<0.000022												
Big Spring	12/04/2008	0.18	<0.00039	0.001	<0.0031		<0.0011	<0.000022												
Big Spring	01/06/2009	0.17	<0.00039	0.0012	<0.0031		<0.0011	<0.000022												
Big Spring	02/05/2009	0.17	<0.00094	0.001	<0.0014		<0.0026	<0.00002												
Big Spring	03/01/2009	0.17	<0.00094	0.0008	<0.0014		<0.0026	<0.00002												
Big Spring	04/06/2009	0.17	<0.00094	0.0005	<0.0014		0.0009	0.0001												
Big Spring	5/2009	0.17	<0.00094	0.0011	0.0019		0.0006	<0.00002												
Big Spring	06/10/2009	0.16	<0.00094	0.0008	<0.0014															
Big Spring	07/13/2009	0.17	<0.00094	0.0008	<0.0014		0.0009	<0.00002												
Big Spring	08/13/2009	0.17	<0.00094	0.001	<0.0014		<0.0026	<0.00002												
Big Spring	09/02/2009	0.17	<0.00094	0.001	<0.0014		0.0006	<0.00002												
Big Spring	10/11/2009	0.17	<0.00094	0.0013	<0.0014		0.0009	<0.00002												
Big Spring	11/09/2009	0.17	<0.00094	0.0008	<0.0014		<0.0026	<0.00002												
Big Spring	12/01/2009	0.17	<0.00094	0.0009	0.0019		<0.0026	<0.00002												
Big Spring	12/2009	0.18	<0.00039	0.001			<0.0011	<0.000022												
Big Spring	01/08/2010	0.17	<0.00094	0.00086	<0.0014		0.00058	<0.00002												
Big Spring	02/09/2010	0.17	<0.00094	0.00065	0.0059		<0.0026	0.00004												
Big Spring	03/09/2010	1.7	<0.00094	0.00083	<0.0014		0.00059	<0.00002												
Big Spring	04/10/2010	0.18	<0.00094	0.00093	<0.0014		0.00086	<0.00002												
Big Spring	05/10/2010	0.16	<0.00094	0.00083	<0.0014		<0.0026	<0.00002												
Big Spring	01/13/2011																			
Big Spring	06/21/2011	0.169	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	07/13/2011	0.180	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	08/01/2011	0.180	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	09/14/2011	0.161	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	10/10/2011	0.173	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	11/01/2011	0.176	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	12/28/2011	0.172	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	01/24/2012	0.167	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	02/20/2012	0.163	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	03/28/2012	0.192	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	04/23/2012	0.152	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	05/15/2012	0.157	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	06/12/2012	0.185	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	0.051	<0.005	<0.005	<0.05
Big Spring	07/10/2012	0.164	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring (Dup)	07/10/2012	0.162	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	08/07/2012	0.159	<0.001			<0.01		0.00027	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Big Spring	09/05/2012	0.166	<0.001			<0.01		<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	10/07/2008	0.18	0.0013	0.001	<0.005		<0.05	<0.0002												
Central Spring	05/04/2009	0.17	<0.00094	0.001	<0.0014		<0.0026	<0.00002												
Central Spring	06/09/2009	0.16	<0.00094	0.0009	<0.0014		<0.0026	<0.00002												
Central Spring	07/09/2009	0.17	<0.00094	0.0009	0.0018		<0.0026	<0.00002												
Central Spring	08/09/2009	0.17	<0.00094	0.001	0.0018		<0.0026	<0.00002												
Central Spring	09/09/2009	0.17	<0.00094	0.0009	<0.0014		<0.0026	<0.00002												
Central Spring	10/06/2009	0.17	<0.00094	0.0009	<0.0014		<0.0026	<0.00002												
Central Spring	11/05/2009	0.17	<0.00094	0.0009	<0.0014		<0.0026	<0.00002												

Sampling Location	Sample Date	Sr	Tl	U	CN, Total	CN WAD	Zn	Hg	Bi	B	Co	Ga	Li	Mo	Ni	Sc	Sn	Ti	V	P, Total
		mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			0.002			0.2	5.0	0.002							0.1					
				0.03	0.2	0.2	5	0										0.002		
Central Spring	12/01/2009	0.17	<0.00094	0.001	0.004		<0.0026	<0.00002												
Central Spring	01/08/2010	0.17	<0.00094	0.001	<0.0041		0.002	<0.00002												
Central Spring	02/09/2010	0.17	<0.00094	0.0007	0.0061		<0.0026	0.00003												
Central Spring	03/09/2010	0.18	<0.00094	0.001	0.0045		0.002	<0.00002												
Central Spring	04/10/2010	0.17	<0.00094	0.001	<0.0041		<0.0026	<0.00002												
Central Spring	05/10/2010	0.16	<0.00094	0.00094	<0.0041		<0.0026	<0.00002												
Central Spring	06/21/2011	0.163	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	07/13/2011	0.179	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	08/01/2011	0.177	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	09/14/2011	0.168	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	10/10/2011	0.175	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	11/01/2011	0.181	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	12/28/2011	0.175	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	01/24/2012	0.169	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	02/20/2012	0.161	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	03/28/2012	0.190	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	04/23/2012	0.154	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	05/22/2012	0.162	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	06/18/2012	0.168	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	07/10/2012	0.163	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring (Dup)	07/12/2012	0.163	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Central Spring	08/27/2012	0.169	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	0.055	<0.005	<0.005	<0.05
Central Spring	09/12/2012	0.171	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	09/04/2008	0.19	<0.001	<0.001			<0.05	<0.0002												
Northern Spring	10/07/2008				<0.005															
Northern Spring	05/04/2009	0.17	<0.00094	0.001	0.0042		<0.0026	<0.00002												
Northern Spring	06/09/2009	0.16	<0.00094	0.0012	<0.0014		<0.0026	<0.00002												
Northern Spring	07/09/2009	0.17	<0.00094	0.001	<0.0014		0.0006	<0.00002												
Northern Spring	08/09/2009	0.17	<0.00094	0.0011	<0.0014		<0.0026	<0.00002												
Northern Spring	09/09/2009	0.17	<0.00094	0.0009	<0.0014		<0.0026	<0.00002												
Northern Spring	10/06/2009	0.17	<0.00094	0.001	<0.0014		<0.0026	<0.00002												
Northern Spring	11/05/2009	0.17	<0.00094	0.001	<0.0014		0.0012	<0.00002												
Northern Spring	12/01/2009	0.17	<0.00094	0.001	0.0024		<0.0026	<0.00002												
Northern Spring	01/08/2010	0.17	<0.00094	0.0011	<0.0014		0.0027	<0.00002												
Northern Spring	02/09/2010	0.17	<0.00094	0.0008	<0.0014		<0.0026	0.00004												
Northern Spring	03/09/2010	0.18	<0.00094	0.001	<0.0014		0.0021	<0.00002												
Northern Spring	04/10/2010	0.17	<0.00094	0.0011	<0.0014		0.0021	<0.00002												
Northern Spring	05/10/2010	0.16	<0.00094	0.001	<0.0014		<0.0026	<0.00002												
Northern Spring	06/21/2011	0.162	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	07/13/2011	0.181	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	08/01/2011	0.182	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	09/14/2011	0.170	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	10/10/2011	0.179	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	11/01/2011	0.177	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	12/28/2011	0.175	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	01/23/2012	0.170	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	02/20/2012	0.167	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	03/27/2012	0.164	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring (Dup)	03/27/2012	0.164	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	04/23/2012	0.154	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	05/22/2012	0.167	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	06/18/2012	0.174	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	07/10/2012	0.168	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Northern Spring	08/13/2012	0.177	<0.001			<0.01	<0.01	0.00023	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	0.058	<0.005	<0.005	<0.05
Northern Spring	09/12/2012	0.177	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Long Canyon Spring	04/06/2009	0.17	<0.00039	0.001	<0.0031		0.0024	<0.000022												

Sampling Location	Sample Date	Sr	Tl	U	CN, Total	CN WAD	Zn	Hg	Bi	B	Co	Ga	Li	Mo	Ni	Sc	Sn	Ti	V	P, Total
		mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			0.002			0.2	5.0	0.002							0.1					
				0.03	0.2	0.2	5	0										0.002		
Long Canyon Spring	04/22/2009	0.25	<0.00039	0.0006	<0.0031		0.0031	<0.000022												
Combined Smaller Springs	06/10/2009	0.28	0.0015	<0.002	<0.005		<0.05	<0.0002												
Combined Smaller Springs	07/13/2009	0.28	<0.001	<0.001			<0.05	<0.0002												
Combined Smaller Springs	08/13/2009	0.25	<0.001	<0.001	<0.005		<0.05	<0.002												
Combined Smaller Springs	09/02/2009	0.23	<0.001	<0.001	<0.005		<0.05	<0.0002												
Combined Smaller Springs	10/11/2009	0.23	<0.001	<0.002	<0.005		<0.05	<0.0002												
Combined Smaller Springs	11/09/2009	0.21	<0.001	0.001	<0.005		<0.05	<0.0002												
Combined Smaller Springs	04/08/2010	0.210	<0.00035	0.0015	<0.00035		0.0006	<0.0011												
Combined Smaller Springs	05/05/2010	0.260	<0.00035	0.002	<0.00035		<0.0031	<0.0011												
Combined Smaller Springs	06/21/2011	0.250	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	07/13/2011	0.278	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	08/2011	0.293	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	09/14/2011	0.229	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	10/10/2011	0.233	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	11/01/2011	0.239	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	03/27/2012	0.200	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs (Dup)	03/27/2012	0.198	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	04/23/2012	0.220	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	05/22/2012	0.246	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	06/12/2012	0.300	<0.001			<0.01	<0.01	<0.0002	<0.06	0.042	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	07/10/2012	0.289	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	08/13/2012	0.235	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Combined Smaller Springs	09/05/2012	0.257	<0.001			<0.01	<0.01	<0.0002	<0.06	<0.04	<0.006	<0.02	<0.02	<0.008	<0.01	<0.002	<0.05	<0.005	<0.005	<0.05
Extreme Northern Spring	09/02/2009	0.18	<0.001	<0.001	<0.005		<0.05	<0.0002												

Notes:
GW = Ground water
SW = Surface water
mg/L = milligrams per Liter
ug/L - micrograms per Liter
NTU = Nephelometric Turbidity Units
SU = Standard Units
ND = Non-Detect, no detection limit provided
a Value appears anomalously low, could not be validated
b Value appears anomalously high, could not be validated
c Unclear if units are as CaCO3 or as HCO3
d Unacceptable charge balance, unable to validate analyses
e Unacceptable charge balance
J biased low
R unuseable
Concentration exceeds the Profile II Reference Values and/or Nevada Drinking Water Standards

GROUNDWATER QUALITY DATA SET
LONG CANYON EIS
ELKO COUNTY, NEVADA, NEWMONT USA LIMITED

Sampling Location	Sample Date	Type	Data Source	Lab Report?	Metals Total or Dissolved?	pH, field	Cond., field	Temp	pH, lab	Cond., lab	TDS	Turbidity	Dissolved Oxygen	Ca	Mg	K	Na	Cl	F	SO4	N, NO3+NO2 as N
						SU	uS/cm	Deg C	SU	uS/cm	mg/L	NTU	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
					Profile II Reference Values	**6.5 - 8.5**			**6.5 - 8.5**		**1000**				**150**			**400**	**4**	**500**	**10**
					NV Drinking Water Standard	**6.5 - 8.5**					**1000**	**0.3**			**150**			**400**	**4**	**500**	
LCMW-1	4/30/2009	GW	Global Hydrologic	No	Unknown					330	190			42	17	2.5	7.6	3.3	<0.13	15	
LCMW-1	01/11/2011	GW	Western Environmental Testing Laboratory; isotopes Zymax Forensics	Yes	Unknown	7.78			7.78	350	180			40.0	17	1.6	6.5	3.1	<0.1	13	
LCMW-1	02/21/2012	GW	SVL Analytical	No	Dissolved	8.84	433.0	10.70	8.06		238			44.0	15.7	3.67	13.5	3.31	0.16	17.2	<0.50
LCMW-1	03/28/2012	GW	SVL Analytical	No	Dissolved				8.07		246			46.1	16.3	3.65	12.7	3.40	0.12	16.7	<0.50
LCMW-1	04/17/2012	GW	SVL Analytical	No	Dissolved	7.97	437.0	10.92	7.97		222			44.9	15.8	3.65	13.1	3.64	0.11	16.8	<0.50
LCMW-1	05/21/2012	GW	SVL Analytical	No	Dissolved	7.84	442.0	11.11	8.17		241			47.5	16.7	3.82	12.9	3.17	0.13	15.7	<0.50
LCMW-1 (Dup)	05/21/2012	GW	SVL Analytical	No	Dissolved	7.84	442.0	11.11	8.22		235			47.5	17.1	3.88	12.9	3.11	0.13	16.7	<0.50
LCMW-1	06/13/2012	GW	SVL Analytical	No	Dissolved	8.09	445.0	11.14	8.10		215			51.0	18.0	3.79	14.4	3.23	0.12	16.5	<0.50
LCMW-1	07/16/2012	GW	SVL Analytical	No	Dissolved	6.97	445.0	11.10	8.06		250			47.3	16.9	3.79	12.6	3.44	0.13	16.9	<0.50
LCMW-1	08/26/2012	GW	SVL Analytical	No	Dissolved	7.14	446.0	11.28	7.98		236			46.6	16.3	3.58	12.1	3.36	0.18	17.1	<0.50
LCMW-1	09/12/2012	GW	SVL Analytical	No	Dissolved		450.0	10.94	8.30		240			47.0	16.4	3.71	12.3	3.52	0.17	17.2	<0.50
LCMW-2 (not clear S	4/14/2009	GW	Global Hydrologic	No	Unknown						170			50	18	1.7	5.7	3.1	<0.13	14	
LCMW-3	12/01/2008	GW	Global Hydrologic	No	Unknown						190			46	18	1.7	5.8	3.2	<0.13	15	
LCMW-3	12/01/2009	GW	Aqua Environmental Services, Inc.	No	Unknown						270			81	16	1.1	11	6.6	<0.00494	11	
LCMW-4	12/02/2008	GW	Global Hydrologic	No	Unknown						270			81	16	1.1	11	6.6	<0.13	11	
LCMW-4	12/01/2009	GW	Aqua Environmental Services, Inc.	No	Unknown						190			46	18	1.7	5.8	3.2	<0.0049	15	
LCMW-5S	12/28/2011	GW	SVL Analytical	Yes	Dissolved				7.94		252			38.6	11.5	1.90	36.9	9.65	0.17	27.5	0.555
LCMW-5S	01/30/2012	2/27/2012	3/28/2012	No	Dissolved	7.99	453.0	13.26	7.83		243			39.7	12.1	1.93	34.5	9.61	0.18	26.0	0.457
LCMW-5S	02/27/2012	GW	SVL Analytical	No	Dissolved	8.36	448.0	12.41	7.81		265			42.7	12.9	1.96	31.9	9.36	0.15	24.8	0.439
LCMW-5S	03/28/2012	GW	SVL Analytical	No	Dissolved				7.84		248			40.5	12.7	1.90	26.0	9.13	0.14	23.2	0.394
LCMW-5S	04/18/2012	GW	SVL Analytical	No	Dissolved	7.46	437.0	13.23	7.89		213			39.9	12.8	1.93	23.7	8.98	0.15	22.9	0.438
LCMW-5S	05/21/2012	GW	SVL Analytical	No	Dissolved	7.28	432.0	15.52	8.07		221			42.2	13.8	1.93	21.3	8.42	0.12	22.0	0.433
LCMW-5S	06/18/2012	GW	SVL Analytical	No	Dissolved	7.76	436.0	15.08	8.06		228			45.5	14.4	1.92	20.3	8.52	0.14	21.1	0.398
LCMW-5S (Dup)	06/18/2012	GW	SVL Analytical	No	Dissolved	7.76	436.0	15.08	8.02		224			45.5	14.4	1.91	20.2	8.53	0.12	21.0	0.393
LCMW-5S	07/18/2012	GW	SVL Analytical	No	Dissolved	7.03	425.0	15.28	8.00		234			44.0	14.9	2.00	17.6	8.84	0.14	21.1	0.389
LCMW-5S	08/26/2012	GW	SVL Analytical	No	Dissolved	7.18	425.0	15.14	7.86		205			41.9	13.7	1.74	14.6	8.43	0.16	20.9	0.468
LCMW-5S	09/24/2012	GW	SVL Analytical	No	Dissolved		429.0	14.11	7.74		214			43.6	14.6	1.86	14.5	8.26	0.16	20.4	0.431
LCMW-07	01/23/2012	GW	SVL Analytical	No	Dissolved	7.86	372.0	22.07	7.99		174			38.0	16.2	1.61	5.29	3.12	0.13	15.8	0.484
LCMW-07	02/21/2012	GW	SVL Analytical	No	Dissolved	8.32	373.0	22.62	7.95		195			38.5	15.9	1.88	5.44	3.289	0.11	15.7	0.460
LCMW-07	03/28/2012	GW	SVL Analytical	No	Dissolved				7.92		203			40.8	17.0	1.85	5.32	3.38	0.10	15.4	0.490
LCMW-07	04/17/2012	GW	SVL Analytical	No	Dissolved	7.43	372.0	22.57	8.35		176			39.0	16.0	1.86	5.47	3.89	0.15	15.1	0.447
LCMW-07	05/21/2012	GW	SVL Analytical	No	Dissolved	7.32	376.0	23.22	8.13		187			40.9	17.0	1.98	5.46	2.99	0.10	15.7	0.436
LCMW-07	06/13/2012	GW	SVL Analytical	No	Dissolved	7.49	378.0	22.53	7.99		173			43.6	17.9	1.90	6.06	3.14	0.10	15.0	0.458
LCMW-07	07/10/2012	GW	SVL Analytical	No	Dissolved	7.02	377.0	23.45	7.80		183			40.6	16.7	1.84	5.48	3.14	<0.10	15.3	0.424
LCMW-07	08/13/2012	GW	SVL Analytical	No	Dissolved	7.33	381.0	23.34	7.80		196			36.1	15.0	1.78	5.29	3.28	<0.10	15.8	0.435
LCMW-07 (Dup)	08/13/2012	GW	SVL Analytical	No	Dissolved	7.33	381.0	23.34	7.81		192			36.2	15.1	1.82	5.31	36.2	0.11	15.7	0.400
LCMW-07	09/12/2012	GW	SVL Analytical	No	Dissolved		382.0	21.70	8.24		191			39.7	16.5	1.90	5.39	3.52	<0.10	15.9	0.454
LCMW-08	01/23/2012	GW	SVL Analytical	No	Dissolved	8.10	370.0	12.43	7.95		179			39.0	16.5	1.71	6.14	3.58	0.13	15.8	0.507
LCMW-08	02/21/2012	GW	SVL Analytical	No	Dissolved	8.64	371.0	12.63	8.02		191			38.7	15.9	1.89	6.12	3.70	0.10	15.7	0.482
LCMW-08	03/28/2012	GW	SVL Analytical	No	Dissolved				7.98		201			40.8	16.7	1.86	5.94	3.67	<0.10	15.3	0.410
LCMW-08	04/17/2012	GW	SVL Analytical	No	Dissolved	7.75	372.0	12.92	7.99		211			39.0	15.9	1.87	6.09	3.94	<0.10	15.2	0.455
LCMW-08	05/21/2012	GW	SVL Analytical	No	Dissolved	7.31	377.0	13.14	8.17		184			41.2	17.1	1.97	6.20	3.38	0.10	15.2	0.457
LCMW-08 (Dup)	05/21/2012	GW	SVL Analytical	No	Dissolved	7.31	377.0	13.14	8.17		198			40.9	16.8	2.01	6.11	3.00	<0.10	14.9	0.437
LCMW-08	06/13/2012	GW	SVL Analytical	No	Dissolved	7.98	384.0	13.16	8.08		177			43.6	17.8	1.92	6.77	3.60	<0.10	15.3	0.464
LCMW-08	07/16/2012	GW	SVL Analytical	No	Dissolved	6.81	378.0	13.21	8.47		204			40.7	17.1	2.03	6.06	3.76	<0.10	15.2	0.403
LCMW-08	08/26/2012	GW	SVL Analytical	No	Dissolved	6.93	378.0	13.30	7.99		183			39.5	16.0	1.78	5.78	3.68	<0.10	15.5	0.503
LCMW-08	09/12/2012	GW	SVL Analytical	No	Dissolved		382.0	13.25	8.34		191			39.9	16.4	1.88	6.00	3.79	<0.10	15.7	0.454
LCMW-09S	01/26/2012	GW	SVL Analytical	No	Dissolved	8.06	343.0	21.96	7.85		162			35.7	13.1	1.22	4.06	2.58	0.13	12.9	0.500
LCMW-09S	02/29/2012	GW	SVL Analytical	No	Dissolved	8.47	338.0	22.21	7.89		200			41.7	14.6	1.55	4.40	2.67	0.10	12.6	0.467
LCMW-09S	03/29/2012	GW	SVL Analytical	No	Dissolved				7.94		172			40.8	14.8	1.53	4.44	2.70	0.12	12.8	0.495
LCMW-09S	04/19/2012	GW	SVL Analytical	No	Dissolved	7.56	339.0	22.32	8.20		177			40.8	15.7	1.59	4.68	2.66	0.11	12.5	0.435
LCMW-09S	05/31/2012	GW	SVL Analytical	No	Dissolved	7.32	350.0	22.45	8.08		177			39.1	13.5	1.45	4.51	2.37	<0.10	11.8	0.439
LCMW-09S	06/21/2012	GW	SVL Analytical	No	Dissolved	7.09	348.0	21.34	8.06		174			41.9	14.4	1.51	4.45	2.49	<0.10	12.4	0.421
LCMW-09S	07/19/2012	GW	SVL Analytical	No	Dissolved	7.05	346.0	22.45	8.16		185			40.6	14.6	1.56	4.29	2.79	0.12	12.3	0.424
LCMW-09S	08/30/2012	GW	SVL Analytical	No	Dissolved	7.30	350.0	22.90	7.97		162			40.8	14.5	1.58	4.44	2.63	<0.10	12.3	0.464
LCMW-09S	09/19/2012	GW	SVL Analytical	No	Dissolved		354.0	22.06	7.88		178			40.1	14.1	1.49	4.44	2.75	<0.10	12.8	0.462

Sampling Location	Sample Date	Type	Data Source	Lab Report?	Metals Total or Dissolved?	pH, field	Cond., field	Temp	pH, lab	Cond., lab	TDS	Turbidity	Dissolved Oxygen	Ca	Mg	K	Na	Cl	F	SO4	N, NO3+NO2 as N
						SU	uS/cm	Deg C	SU	uS/cm	mg/L	NTU	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
					Profile II Reference Values	**6.5 - 8.5**			**6.5 - 8.5**		**1000**				**150**			**400**	**4**	**500**	**10**
					NV Drinking Water Standard	**6.5 - 8.5**					**1000**	**0.3**			**150**			**400**	**4**	**500**	
LCMW-10	01/24/2012	GW	SVL Analytical	No	Dissolved	8.25	356.0	13.40	7.89		202			36.0	13.8	1.29	4.83	3.45	0.17	13.2	0.584
LCMW-10	02/27/2012	GW	SVL Analytical	No	Dissolved	8.60	353.0	13.40	7.94		208			42.4	15.9	1.54	5.14	3.49	0.15	13.1	0.546
LCMW-10	03/27/2012	GW	SVL Analytical	No	Dissolved				8.02		175			41.8	16.5	1.57	5.21	3.57	0.16	13.4	0.568
LCMW-10	04/16/2012	GW	SVL Analytical	No	Dissolved	7.74	359.0	13.59	8.26		191			41.2	16.9	1.59	5.41	3.44	0.14	13.0	0.525
LCMW-10	05/29/2012	GW	SVL Analytical	No	Dissolved	7.51	362.0	13.98	8.11		186			40.6	15.7	1.59	5.63	3.75	0.14	13.0	0.538
LCMW-10	06/19/2012	GW	SVL Analytical	No	Dissolved	7.01	365.0	14.06	8.05		192			42.8	15.7	1.52	5.16	3.67	0.14	13.1	0.527
LCMW-10	07/16/2012	GW	SVL Analytical	No	Dissolved	7.05	366.0	14.00	8.11		196			40.8	15.8	1.66	5.05	3.84	0.14	12.7	0.545
LCMW-10	08/29/2012	GW	SVL Analytical	No	Dissolved	7.29	368.0	14.10	8.00		179			41.9	16.0	1.58	5.20	3.76	0.13	12.8	0.615
LCMW-10	09/18/2012	GW	SVL Analytical	No	Dissolved		370.0	14.28	7.97		188			41.0	15.5	1.51	5.13	3.91	0.16	13.5	0.591
LCMW-10 (Dup)	09/18/2012	GW	SVL Analytical	No	Dissolved		370.0	14.28	7.92		189			41.6	15.7	7.92	5.18	3.90	0.17	5.18	0.585
LCMW-11	01/24/2012	GW	SVL Analytical	No	Dissolved	8.18	477.0	13.80	7.92		277			42.6	18.8	3.86	11.6	6.12	0.25	23.9	0.196
LCMW-11	02/27/2012	GW	SVL Analytical	No	Dissolved	8.52	482.0	12.30	8.01		272			50.9	21.9	4.50	12.9	6.81	0.24	25.9	0.185
LCMW-11	03/26/2012	GW	SVL Analytical	No	Dissolved	7.60	470.0	12.47	8.06		259			49.7	21.1	4.42	11.9	6.39	0.18	25.0	0.201
LCMW-11	04/16/2012	GW	SVL Analytical	No	Dissolved	7.71	475.0	12.31	8.14		246			49.9	23.8	4.44	12.1	5.95	0.18	23.3	0.181
LCMW-11 (Dup)	04/16/2012	GW	SVL Analytical	No	Dissolved	7.71	475.0	12.31	8.28		258			49.2	22.9	4.31	12.1	5.99	0.18	23.7	0.182
LCMW-11	05/29/2012	GW	SVL Analytical	No	Dissolved	7.52	509.0	12.72	8.02		266			50.5	22.8	4.66	12.6	8.68	0.21	27.8	0.128
LCMW-11	06/12/2012	GW	SVL Analytical	No	Dissolved	7.55	528.0	12.44	8.06		268			56.9	25.1	4.73	13.5	10.4	0.18	35.9	0.157
LCMW-11	07/09/2012	GW	SVL Analytical	No	Dissolved	7.02	561.0	13.11	7.82		312			56.0	24.7	4.78	14.0	12.0	0.17	42.9	<0.50
LCMW-11	08/14/2012	GW	SVL Analytical	No	Dissolved	7.19	564.0	13.45	7.87		308			60.0	26.8	5.37	17.5	12.1	0.23	44.0	0.068
LCMW-11	09/17/2012	GW	SVL Analytical	No	Dissolved		561.0	14.17	8.14		315			55.9	23.7	4.83	17.2	11.0	0.25	40.6	0.072
LCMW-12	12/12/2009	GW	Alpha Analytical Inc.; U sub-contracted	Yes	Lab Filtered					420	270			30	12	12	41	4.5	1.6	55.0	
LCMW-12	01/24/2012	GW	SVL Analytical	No	Dissolved	7.98	608.0	14.25	7.83		430			25.8	10.4	8.54	58.4	7.30	1.18	75.6	<0.50
LCMW-12	02/27/2012	GW	SVL Analytical	No	Dissolved	8.55	608.0	14.08	8.01		371			35.8	13.5	11.6	71.9	6.76	1.10	73.3	<0.50
LCMW-12	03/26/2012	GW	SVL Analytical	No	Dissolved	7.51	611.0	13.95	8.04		358			32.8	13.3	10.7	68.4	7.15	1.21	75.5	<0.50
LCMW-12	04/16/2012	GW	SVL Analytical	No	Dissolved	7.65	602.0	14.52	8.15		337			32.0	13.7	11.1	73.5	6.58	1.16	68.4	<0.50
LCMW-12 (Dup)	04/16/2012	GW	SVL Analytical	No	Dissolved	7.65	602.0	14.52	8.09		356			31.5	13.3	10.9	72.2	6.35	1.11	67.7	<0.50
LCMW-12	05/29/2012	GW	SVL Analytical	No	Dissolved	7.43	594.0	14.74	7.96		361			30.7	12.6	11.0	71.7	6.65	1.04	61.8	<0.50
LCMW-12	06/12/2012	GW	SVL Analytical	No	Dissolved	7.61	587.0	14.74	8.02		329			33.0	12.9	11.4	73.0	6.57	1.08	62.2	<0.50
LCMW-12	07/09/2012	GW	SVL Analytical	No	Dissolved	7.20	587.0	15.55	7.78		350			30.0	12.1	11.0	64.6	6.64	1.27	63.8	<0.50
LCMW-12	08/14/2012	GW	SVL Analytical	No	Dissolved	7.13	584.0	14.94	7.84		342			30.2	12.7	11.0	64.2	6.99	1.32	62.7	<0.50
LCMW-12	09/17/2012	GW	SVL Analytical	No	Dissolved		580.0	14.19	7.87		355			29.8	12.1	11.3	67.8	6.95	1.28	63.3	<0.50
LCMW-13	12/15/2009	GW	Alpha Analytical Inc.; Hg & U Sierra	Yes	Lab Filtered					380	240			16.0	8.1	9.5	54	3.6	1	19	
LCMW-14	01/30/2012	GW	SVL Analytical	No	Dissolved	8.26	330.0	15.89	7.90		164			39.4	14.2	1.48	4.58	2.84	0.12	12.6	0.514
LCMW-14	02/22/2012	GW	SVL Analytical	No	Dissolved	8.64	339.0	16.12	7.93		203			39.8	14.3	1.56	4.95	2.89	0.12	12.5	0.518
LCMW-14 (Dup)	02/22/2012	GW	SVL Analytical	No	Dissolved	8.64	339.0	16.12	7.94		173			40.0	14.4	1.57	4.99	2.81	0.11	12.4	0.517
LCMW-14	03/27/2012	GW	SVL Analytical	No	Dissolved				8.05		155			39.8	14.8	1.56	4.64	2.85	0.12	12.8	0.499
LCMW-14	04/17/2012	GW	SVL Analytical	No	Dissolved	7.62	340.0	16.34	7.98		157			37.3	13.4	1.52	4.63	2.96	<0.10	12.1	0.499
LCMW-14	05/30/2012	GW	SVL Analytical	No	Dissolved	7.47	344.0	16.65	8.04		157			38.5	13.6	1.44	4.72	2.54	<0.10	11.6	0.449
LCMW-14	06/13/2012	GW	SVL Analytical	No	Dissolved	7.76	343.0	16.52	8.08		139			42.1	15.1	1.54	5.04	2.66	<0.10	12.4	<0.50
LCMW-14	07/17/2012	GW	SVL Analytical	No	Dissolved	7.00	344.0	16.56	8.23		186			39.6	14.3	1.57	4.46	2.89	0.12	12.1	0.434
LCMW-14	08/29/2012	GW	SVL Analytical	No	Dissolved	7.18	345.0	16.70	8.00		164			40.5	14.6	1.60	4.69	2.77	0.10	12.3	0.490
LCMW-14	09/18/2012	GW	SVL Analytical	No	Dissolved		349.0	16.49	8.03		174			38.9	13.9	1.47	4.57	2.81	0.12	12.7	0.478
LCMW-15	12/28/2011	GW	SVL Analytical	Yes	Dissolved				7.97		195			38.7	13.9	1.47	4.54	3.53	0.10	12.3	0.649
LCMW-15	01/30/2012	GW	SVL Analytical	No	Dissolved	8.19	341.0	19.64	7.88		159			39.4	14.3	1.46	4.87	3.81	0.13	13.6	0.559
LCMW-15	02/22/2012	GW	SVL Analytical	No	Dissolved	8.41	338.0	19.92	7.97		199			39.6	14.4	1.60	5.35	3.59	0.11	12.8	0.564
LCMW-15 (Dup)	02/22/2012	GW	SVL Analytical	No	Dissolved	8.41	338.0	19.92	7.97		190			39.7	14.4	1.58	5.31	3.64	0.11	12.6	0.561
LCMW-15	03/27/2012	GW	SVL Analytical	No	Dissolved				8.07		165			39.7	14.9	1.55	4.97	3.68	0.12	13.1	0.546
LCMW-15	04/17/2012	GW	SVL Analytical	No	Dissolved	7.77	345.0	20.03	7.93		151			37.0	13.3	1.50	4.87	3.50	<0.10	12.5	0.532
LCMW-15	05/30/2012	GW	SVL Analytical	No	Dissolved	7.56	347.0	20.28	8.07		174			38.2	13.5	1.43	5.07	3.30	<0.10	11.8	0.500
LCMW-15	06/19/2012	GW	SVL Analytical	No	Dissolved	7.73	345.0	20.15	8.03		170			40.1	14.0	1.46	4.79	3.44	0.12	12.5	0.472
LCMW-15	07/17/2012	GW	SVL Analytical	No	Dissolved	7.27	346.0	20.56	8.23		180			39.2	14.4	1.59	4.71	3.51	<0.10	12.4	0.472
LCMW-15	08/29/2012	GW	SVL Analytical	No	Dissolved	7.11	345.0	20.59	7.95		158			40.1	14.5	1.59	4.93	3.47	0.10	12.6	0.538
LCMW-15	09/24/2012	GW	SVL Analytical	No	Dissolved		349.0	19.74	7.81		178			38.5	14.0	1.48	4.71	3.58	0.13	13.0	0.500
LCMW-17	12/28/2011	GW	SVL Analytical	No	Dissolved				7.94		203			44.4	15.2	1.79	5.65	3.03	0.12	13.4	0.192
LCMW-17	01/30/2012	GW	SVL Analytical	No	Dissolved	8.02	365.0	18.46	7.82		182			41.7	14.6	1.71	5.41	3.04	0.15	13.4	0.226
LCMW-17	02/27/2012	GW	SVL Analytical	No	Dissolved	8.29	363.0	16.16	7.81		210			42.7	14.7	1.71	5.68	3.02	0.12	14.4	0.103
LCMW-17	03/28/2012	GW	SVL Analytical	No	Dissolved				7.92		202			42.3	14.8	1.71	5.72	3.02	0.10	13.3	0.106
LCMW-17	04/18/2012	GW	SVL Analytical	No	Dissolved	7.60	370.0	18.33	7.89		170			40.6	14.4	1.68	5.43	3.24	<0.10	12.7	0.171

Sampling Location	Sample Date	Type	Data Source	Lab Report?	Metals Total or Dissolved?	pH, field	Cond., field	Temp	pH, lab	Cond., lab	TDS	Turbidity	Dissolved Oxygen	Ca	Mg	K	Na	Cl	F	SO4	N, NO3+NO2 as N
						SU	uS/cm	Deg C	SU	uS/cm	mg/L	NTU	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
					Profile II Reference Values	**6.5 - 8.5**			**6.5 - 8.5**		**1000**				**150**			**400**	**4**	**500**	**10**
					NV Drinking Water Standard	**6.5 - 8.5**					**1000**	**0.3**			**150**			**400**	**4**	**500**	
LCMW-17	05/30/2012	GW	SVL Analytical	No	Dissolved	7.40	378.0	18.54	8.04		179			41.3	14.0	1.68	5.92	2.73	0.10	12.3	0.091
LCMW-17	06/19/2012	GW	SVL Analytical	No	Dissolved	7.47	371.0	19.15	7.86		188			41.6	14.3	1.60	4.99	2.96	<0.10	12.6	0.207
LCMW-17 (Dup)	06/18/2012	GW	SVL Analytical	No	Dissolved	7.47	371.0	19.15	8.08		193			43.9	15.0	1.65	5.31	2.78	0.11	12.6	0.222
LCMW-17	07/17/2012	GW	SVL Analytical	No	Dissolved	7.17	362.0	14.34	8.18		197			42.3	15.0	1.78	5.50	3.13	<0.10	13.0	0.090
LCMW-17	08/29/2012	GW	SVL Analytical	No	Dissolved	7.22	371.0	19.49	8.37		167			42.7	15.0	1.74	5.50	3.02	<0.10	12.9	0.239
LCMW-17	09/24/2012	GW	SVL Analytical	No	Dissolved				8.12		179			40.7	14.4	1.59	4.98	3.04	<0.10	13.0	0.315
LCMW-19	01/24/2012	GW	SVL Analytical	No	Dissolved	8.15	370.0	12.94	7.85		186			37.9	14.3	1.29	5.89	3.33	0.12	14.6	0.557
LCMW-19	02/22/2012	GW	SVL Analytical	No	Dissolved	8.64	382.0	13.19	7.92		212			43.6	16.6	1.69	7.16	3.50	0.11	14.5	0.542
LCMW-19	03/27/2012	GW	SVL Analytical	No	Dissolved				8.08		189			43.3	16.8	1.60	6.40	3.49	0.12	14.5	0.537
LCMW-19	04/16/2012	GW	SVL Analytical	No	Dissolved	7.58	376.0	13.08	8.14		186			43.4	17.6	1.61	6.74	3.40	0.11	14.5	0.481
LCMW-19	05/29/2012	GW	SVL Analytical	No	Dissolved	7.44	381.0	13.4	8.11		186			43.3	16.9	1.71	7.46	3.53	0.12	14.0	0.477
LCMW-19	06/19/2012	GW	SVL Analytical	No	Dissolved	7.75	382.0	13.47	8.03		192			44.3	16.2	1.56	6.31	3.26	0.10	13.9	0.472
LCMW-19	07/16/2012	GW	SVL Analytical	No	Dissolved	7.04	381.0	13.65	8.06		202			43.9	17.2	1.71	6.80	3.59	<0.10	14.4	0.466
LCMW-19	08/14/2012	GW	SVL Analytical	No	Dissolved	7.38	389.0	13.41	7.81		194			42.7	16.5	1.78	6.74	3.53	<0.10	14.9	0.451
LCMW-19	09/18/2012	GW	SVL Analytical	No	Dissolved		393.0	12.99	7.94		196			44.3	16.8	1.64	6.90	3.67	<01.0	15.5	0.497
LCMW-23	11/02/2010	GW	Global Hydrologic	No	Unknown						180			39	14	1.2	4.3	3.1	<0.25	12	
LCMW-23D	11/04/2010	GW	Global Hydrologic	No	Unknown	8.2			8.2	340	210			51	18	1.8	6.3	4	<0.25	16	
LCPW-1	01/11/2011	GW	Western Environmental Testing Laboratory;	Yes	Unknown	7.78			7.78	350	180			40	17	1.6	6.5	3.1	<0.1	13	
TW-01 @1000 ft bgs	03/29/2009	GW	Alpha Analytical Inc.; Hg & U Sierra	Yes	Lab Filtered					270	180			25	8.1	7.3	22	4.5	0.54	12	
TW-01 @720 ft bgs	03/28/2009	GW	Alpha Analytical Inc.; Hg & U Sierra	Yes	Lab Filtered					260	190			27	9.3	6.5	19	4.5	0.55	12	
TW-01 @460 ft bgs	03/28/2009	GW	Alpha Analytical Inc.; Hg & U Sierra	Yes	Lab Filtered					260	170			25	8.8	6.2	18	4.6	0.49	12	
Oasis Well	6/10/2009	GW	Alpha Analytical Inc.; Hg & U Sierra	Yes	Unclear COC					560	330			83	19	2.4	19	21	<0.13	70	
Oasis Well	7/13/2009	GW	Global Hydrologic	No	Unknown					570	350			71	19	1.9	18	24	<0.13	l.o8	qwesd
Shafter #6	2006 Reported	GW	City of Wendover Annual Water Quality Reports,	No	Unknown										14		19	12	0.2	25	2
Shafter #6	2009 Reported	GW	City of Wendover Annual Water Quality Reports,	No	Unknown						230				12		17	11	0.4	17	1.63
Shafter #6 PW	07/23/2009	GW	ALS Laboratory Group	Yes	Unknown	8.2					270			24	9.9	6.5	20	5.3	0.54	14	
Shafter #6	08/13/2009	GW	Alpha Analytical Inc.; CN, Hg, U Sierra	Yes	Not field filtered, unclear if lab filtered	8.1			8.1	270	190			25	9.1	7.0	21	4.8	0.52	12	
Shafter #6	01/11/2010	GW	Alpha Analytical Inc.; CN, Hg, U Sierra	Yes	Total					270	150			25	10	11	23	4.5	0.44	12	
BSR Irrigation Well	10/03/2000	GW	AAL Environmental LLC	Yes	Unknown				7.68		198			42.5	14.9	1.36	5.01	5.0	0.2	12.6	0.07
BSR Irrigation Well	12/13/2007	GW	Western Environmental Testing Laboratory	Yes	Unknown				7.76		180			41	16	1.4	4.7	3.0	<0.10	11	
BSR Irrigation Well	11/08/2010	GW	Alpha Analytical Inc.; Hg & U Sierra	Yes	Not field filtered, unclear if lab filtered				7.8	330	190			40	14	1.3	5.0	3.6	<0.25	14	

Notes:
GW = Ground water
SW = Surface water
mg/L = milligrams per Liter
ug/L - micrograms per Liter
NTU = Nephelometric Turbidity Units
SU = Standard Units
ND = Non-Detect, no detection limit provided
a Value appears anomalously low, could not be validated
b Value appears anomalously high, could not be validated
c Unclear if units are as CaCO3 or as HCO3
d Unacceptable charge balance, unable to validate analyses
e Unacceptable charge balance
J biased low
R unuseable
Concentration exceeds the Profile II Reference Values and/or Nevada Drinking Water Standards

Sampling Location	Sample Date	Total N as N	Bicarbonate (as CaCO3)	Carbonate (as CaCO3)	Hydroxide (as CaCO3)	Total Alkalinity (as CaCO3)	Al	Sb	As	Ba	Be	Cd	Cr	Cu	Fe	Pb	Mn	Se	SiO2	Ag	Sr	Tl	U
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		10					0.2	0.006	0.010	2	0.004	0.005	0.1	1	0.6	0.015	0.1	0.05		0.1		0.002	
							0.2	0.006	0.01	2	0.004	0.005	0.1	1.3	0.6	0.015	0.05	0.05		0.1			0.03
LCMW-1	4/30/2009		170			170	<0.05	<0.005	<0.002	0.15	<0.001	<0.001	<0.005	<0.01	0.19	<0.005	<0.005	<0.005		<0.005	0.18	0.0025	<0.002
LCMW-1	01/11/2011					160	<0.045	<0.0025	<0.005	0.2	<0.001	<0.001	<0.005	<0.05	0.03	<0.0025	<0.005	<0.005	14	<0.005	0.17	<0.001	<0.01
LCMW-1	02/21/2012	<0.55	202			202	<0.08	<0.003	0.0045	0.373	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.129	<0.004		<0.005		<0.001	
LCMW-1	03/28/2012	<0.55	205			205	<0.08	<0.003	0.0047	0.396	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.138	<0.004		<0.005		<0.001	
LCMW-1	04/17/2012	<0.55	198			198	<0.08	<0.003	0.0045	0.389	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.141	<0.004		<0.005		<0.001	
LCMW-1	05/21/2012	<0.55	206			206	<0.08	<0.003	0.0045	0.405	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.148	<0.004		<0.005		<0.001	
LCMW-1 (Dup)	05/21/2012	<0.55	206			206	<0.08	<0.003	0.0044	0.402	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.150	<0.004		<0.005		<0.001	
LCMW-1	06/13/2012	<0.55	204			204	<0.08	<0.003	0.0033	0.425	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-1	07/16/2012	<0.55	208			208	<0.08	<0.003	0.0044	0.386	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.149	<0.004		<0.005		<0.001	
LCMW-1	08/26/2012	<0.55	213			213	<0.08	<0.003	0.0051	0.410	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.148	<0.004		<0.005		<0.001	
LCMW-1	09/12/2012	<0.55	218			218	<0.08	<0.003	0.0049	0.415	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.159	<0.004		<0.005		<0.001	
LCMW-2 (not clear S	4/14/2009		170			170	<0.05	<0.005	0.0024	0.23	<0.001	<0.001	<0.005	<0.01	0.29	<0.005	<0.005	<0.005		<0.005	0.19	0.0033	<0.002
LCMW-3	12/01/2008		170			170	<0.05	<0.005	<0.002	0.2	<0.001	<0.001	<0.005	<0.01	0.29	<0.005	0.012	<0.005		<0.005	0.18	<0.001	0.001
LCMW-3	12/01/2009		170			250	<0.031	<0.00065	<0.00088	0.054	<0.00035	<0.00035	<0.00087	<0.00061	0.58	<0.00034	0.18	<0.0011		<0.00064	0.25	0.0013	0.001
LCMW-4	12/02/2008		250			250	<0.05	<0.005	<0.002	0.054	<0.001	<0.001	<0.005	<0.01	0.58	<0.005	0.18	<0.005		<0.005	0.25	0.0013	0.001
LCMW-4	12/01/2009		103.6[c]			170	<0.031	<0.00065	<0.00088	0.2	<0.00035	<0.00035	<0.00087	<0.00061	0.29	<0.00034	0.012	<0.0011		<0.00064	0.18	<0.00039	0.001
LCMW-5S	12/28/2011	0.555	195	<1.0		195	<0.08	<0.003	<0.003	0.0996	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	01/30/2012	<0.55	196			196	<0.08	<0.003	<0.003	0.0966	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	02/27/2012	<0.55	189			189	<0.08	<0.003	<0.003	0.102	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	03/28/2012	<0.55	187			187	<0.08	<0.003	<0.003	0.103	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	04/18/2012	<0.55	177			177	<0.08	<0.003	<0.003	0.103	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	05/21/2012	<0.55	183			183	<0.08	<0.003	<0.003	0.106	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	06/18/2012	<0.55	181			181	<0.08	<0.003	<0.003	0.111	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S (Dup)	06/18/2012	<0.55	181			181	<0.08	<0.003	<0.003	0.0111	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	07/18/2012	<0.55	179			179	<0.08	<0.003	<0.003	0.105	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	08/26/2012	<0.55	180			180	<0.08	<0.003	<0.003	0.112	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-5S	09/24/2012	<0.55	183			183	<0.08	<0.003	<0.003	0.115	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	01/23/2012	<0.55	171			171	<0.08	<0.003	<0.003	0.231	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	02/21/2012	<0.55	168			168	<0.08	<0.003	<0.003	0.232	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	03/28/2012	<0.55	169			169	<0.08	<0.003	<0.003	0.243	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	04/17/2012	<0.55	166			166	<0.08	<0.003	<0.003	0.239	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	05/21/2012	<0.55	170			170	<0.08	<0.003	<0.003	0.242	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	06/13/2012	<0.55	169			169	<0.08	<0.003	<0.003	0.257	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	07/10/2012	<0.55	170			170	<0.08	<0.003	<0.003	0.242	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	08/13/2012	<0.55	171			171	<0.08	<0.003	<0.003	0.221	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07 (Dup)	08/13/2012	<0.55	171			171	<0.08	<0.003	<0.003	0.222	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-07	09/12/2012	<0.55	174			174	<0.08	<0.003	<0.003	0.237	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	01/23/2012	<0.55	168			168	<0.08	<0.003	<0.003	0.187	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	02/21/2012	<0.55	168			168	<0.08	<0.003	<0.003	0.185	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	03/28/2012	<0.55	171			171	<0.08	<0.003	<0.003	0.193	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	04/17/2012	<0.55	164			164	<0.08	<0.003	<0.003	0.187	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	05/21/2012	<0.55	172			172	<0.08	<0.003	<0.003	0.194	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08 (Dup)	05/21/2012	<0.55	170			170	<0.08	<0.003	<0.003	0.195	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	06/13/2012	<0.55	169			169	<0.08	<0.003	<0.003	0.202	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	07/16/2012	<0.55	172			172	<0.08	<0.003	<0.003	0.185	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	08/26/2012	<0.55	173			173	<0.08	<0.003	0.003	0.191	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-08	09/12/2012	<0.55	174			174	<0.08	<0.003	<0.003	0.190	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	01/26/2012	<0.55	155			155	<0.08	<0.003	<0.003	0.175	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	02/29/2012	<0.55	156			156	<0.08	<0.003	<0.003	0.205	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	03/29/2012	<0.55	158			158	<0.08	<0.003	<0.003	0.193	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	04/19/2012	<0.55	153			153	<0.08	<0.003	<0.003	0.199	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	05/31/2012	<0.55	157			157	<0.08	<0.003	<0.003	0.175	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	06/21/2012	<0.55	158			158	<0.08	<0.003	<0.003	0.193	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	07/19/2012	<0.55	160			160	<0.08	<0.003	<0.003	0.182	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	08/30/2012	<0.55	160			160	<0.08	<0.003	<0.003	0.197	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-09S	09/19/2012	<0.55	163			163	<0.08	<0.003	<0.003	0.188	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	

Sampling Location	Sample Date	Total N as N	Bicarbonate (as CaCO3)	Carbonate (as CaCO3)	Hydroxide (as CaCO3)	Total Alkalinity (as CaCO3)	Al	Sb	As	Ba	Be	Cd	Cr	Cu	Fe	Pb	Mn	Se	SiO2	Ag	Sr	Tl	U
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		10					0.2	0.006	0.010	2	0.004	0.005	0.1	1	0.6	0.015	0.1	0.05		0.1		0.002	
							0.2	0.006	0.01	2	0.004	0.005	0.1	1.3	0.6	0.015	0.05	0.05		0.1			0.03
LCMW-10	01/24/2012	0.580	161			161	<0.08	<0.003	<0.003	0.132	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	02/27/2012	<0.55	163			163	<0.08	<0.003	<0.003	0.150	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	03/27/2012	0.570	167			167	<0.08	<0.003	<0.003	0.155	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	04/16/2012	<0.55	163			163	<0.08	<0.003	<0.003	0.142	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	05/29/2012	<0.55	162			162	<0.08	<0.003	<0.003	0.143	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	06/19/2012	<0.55	165			165	<0.08	<0.003	<0.003	0.148	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	07/16/2012	<0.55	166			166	<0.08	<0.003	<0.003	0.139	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	08/29/2012	0.615	169			169	<0.08	<0.003	<0.003	0.152	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10	09/18/2012	0.591	170			170	<0.08	<0.003	<0.003	0.143	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-10 (Dup)	09/18/2012	0.585	171			171	<0.08	<0.003	<0.003	0.145	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	01/24/2012	<0.55	211			211	<0.08	<0.003	0.0116	0.142	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	02/27/2012	<0.55	216			216	<0.08	<0.003	0.0111	0.166	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	03/26/2012	<0.55	214			214	<0.08	<0.003	0.0117	0.167	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	04/16/2012	<0.55	209			209	<0.08	<0.003	0.0105	0.161	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11 (Dup)	04/16/2012	<0.55	209			209	<0.08	<0.003	0.0106	0.160	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	05/29/2012	<0.55	214			214	<0.08	<0.003	0.0103	0.161	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	06/12/2012	<0.55	219			219	<0.08	<0.003	0.0072	0.180	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	07/09/2012	<0.55	229			229	<0.08	<0.003	0.0102	0.177	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	08/14/2012	<0.55	237			237	<0.08	<0.003	0.0103	0.192	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-11	09/17/2012	<0.55	235			235	<0.08	<0.003	0.0105	0.167	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-12	12/12/2009		160			160	<0.05	0.0059	0.0058	0.0063	<0.001	<0.001	<0.005	<0.01	0.11	<0.005	0.076	<0.005	29	<0.005	1	NA	0.006
LCMW-12	01/24/2012	<0.55	211			211	<0.08	<0.003	0.0147	0.289	<0.002	<0.002	<0.006	<0.01	0.080	<0.003	0.200	<0.004		<0.005		<0.001	
LCMW-12	02/27/2012	<0.55	220			220	<0.08	<0.003	0.0215	0.031	<0.002	<0.002	<0.006	<0.01	0.107	<0.003	0.176	<0.004		<0.005		<0.001	
LCMW-12	03/26/2012	<0.55	223			223	<0.08	<0.003	0.0226	0.0364	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.171	<0.004		<0.005		<0.001	
LCMW-12	04/16/2012	<0.55	213			213	0.095	<0.003	0.0166	0.0331	<0.002	<0.002	<0.006	<0.01	0.130	<0.003	0.283	<0.004		<0.005		<0.001	
LCMW-12 (Dup)	04/16/2012	<0.55	212			212	<0.08	<0.003	0.0168	0.0316	<0.002	<0.002	<0.006	<0.01	0.114	<0.003	0.271	<0.004		<0.005		<0.001	
LCMW-12	05/29/2012	<0.55	210			210	<0.08	<0.003	0.0201	0.0339	<0.002	<0.002	<0.006	<0.01	0.137	<0.003	0.168	<0.004		<0.005		<0.001	
LCMW-12	06/12/2012	<0.55	208			208	<0.08	<0.003	0.0133	0.0324	<0.002	<0.002	<0.006	<0.01	0.134	<0.003	0.300	<0.004		<0.005		<0.001	
LCMW-12	07/09/2012	<0.55	215			215	<0.08	<0.003	0.0169	0.0312	<0.002	<0.002	<0.006	<0.01	0.098	<0.003	0.236	<0.004		<0.005		<0.001	
LCMW-12	08/14/2012	<0.55	218			218	<0.08	<0.003	0.0169	0.0693	<0.002	<0.002	<0.006	<0.01	0.306	<0.003	0.220	<0.004		<0.005		<0.001	
LCMW-12	09/17/2012	<0.55	217			217	<0.08	<0.003	0.0152	0.0322	<0.002	<0.002	<0.006	<0.01	0.188	<0.003	0.293	<0.004		<0.005		<0.001	
LCMW-13	12/15/2009		180			180	0.11	<0.005	<0.002	<0.005	<0.001	<0.001	<0.005	<0.01	<0.1	<0.005	0.19	<0.005	28	<0.005	0.81	<0.001	<0.001
LCMW-14	01/30/2012	<0.55	155			155	<0.08	<0.003	<0.003	0.184	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	02/22/2012	<0.55	152			152	<0.08	<0.003	<0.003	0.186	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14 (Dup)	02/22/2012	<0.55	152			152	<0.08	<0.003	<0.003	0.188	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	03/27/2012	<0.55	156			156	<0.08	<0.003	<0.003	0.186	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	04/17/2012	<0.55	151			151	<0.08	<0.003	<0.003	0.184	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	05/30/2012	<0.55	153			153	<0.08	<0.003	<0.003	0.169	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	06/13/2012	<0.55	155			155	<0.08	<0.003	<0.003	0.195	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	07/17/2012	<0.55	157			157	<0.08	<0.003	<0.003	0.178	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	08/29/2012	<0.55	160			160	<0.08	<0.003	<0.003	0.194	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-14	09/18/2012	<0.55	160			160	<0.08	<0.003	<0.003	0.180	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	12/28/2011	0.649	152	<1.0		152	<0.08	<0.003	<0.003	0.179	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.04		<0.005		<0.001	
LCMW-15	01/30/2012	0.559	152			152	<0.08	<0.003	<0.003	0.174	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	02/22/2012	0.564	150			150	<0.08	<0.003	<0.003	0.180	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15 (Dup)	02/22/2012	0.561	152			152	<0.08	<0.003	<0.003	0.180	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	03/27/2012	0.550	154			154	<0.08	<0.003	<0.003	0.178	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	04/17/2012	<0.55	150			150	<0.08	<0.003	<0.003	0.173	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	05/30/2012	<0.55	152			152	<0.08	<0.003	<0.003	0.161	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	06/19/2012	<0.55	155			155	<0.08	<0.003	<0.003	0.179	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	07/17/2012	<0.55	156			156	<0.08	<0.003	<0.003	0.169	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	08/29/2012	<0.55	159			159	<0.08	<0.003	<0.003	0.185	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-15	09/24/2012	<0.55	163			163	<0.08	<0.003	<0.003	0.177	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-17	12/28/2011	<0.55	167	<1.0		167	<0.08	<0.003	<0.003	0.116	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0118	<0.004		<0.005		<0.001	
LCMW-17	01/30/2012	<0.55	165			165	<0.08	<0.003	<0.003	0.107	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.1230	<0.004		<0.005		<0.001	
LCMW-17	02/27/2012	<0.55	169			169	<0.08	<0.003	<0.003	0.116	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0087	<0.004		<0.005		<0.001	
LCMW-17	03/28/2012	<0.55	171			171	<0.08	<0.003	<0.003	0.114	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0071	<0.004		<0.005		<0.001	
LCMW-17	04/18/2012	<0.55	160			160	<0.08	<0.003	<0.003	0.110	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0083	<0.004		<0.005		<0.001	

Sampling Location	Sample Date	Total N as N	Bicarbonate (as CaCO3)	Carbonate (as CaCO3)	Hydroxide (as CaCO3)	Total Alkalinity (as CaCO3)	Al	Sb	As	Ba	Be	Cd	Cr	Cu	Fe	Pb	Mn	Se	SiO2	Ag	Sr	Tl	U
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		10					0.2	0.006	0.010	2	0.004	0.005	0.1	1	0.6	0.015	0.1	0.05		0.1		0.002	
							0.2	0.006	0.01	2	0.004	0.005	0.1	1.3	0.6	0.015	0.05	0.05		0.1			0.03
LCMW-17	05/30/2012	<0.55	165			165	<0.08	<0.003	<0.003	0.106	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.0040	<0.004		<0.005		<0.001	
LCMW-17	06/19/2012	<0.55	166			166	<0.08	<0.003	<0.003	0.113	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0078	<0.004		<0.005		<0.001	
LCMW-17 (Dup)	06/18/2012	<0.55	169			169	<0.08	<0.003	<0.003	0.118	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0081	<0.004		<0.005		<0.001	
LCMW-17	07/17/2012	<0.55	171			171	<0.08	<0.003	<0.003	0.106	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.0040	<0.004		<0.005		<0.001	
LCMW-17	08/29/2012	<0.55	173			173	<0.08	<0.003	<0.003	0.118	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0102	<0.004		<0.005		<0.001	
LCMW-17	09/24/2012	<0.55	173			173	<0.08	<0.003	<0.003	0.117	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	0.0076	<0.004		<0.005		<0.001	
LCMW-19	01/24/2012	0.557	169			169	<0.08	<0.003	<0.003	0.173	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	02/22/2012	<0.55	172			172	<0.08	<0.003	<0.003	0.180	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	03/27/2012	<0.55	173			173	<0.08	<0.003	<0.003	0.192	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	04/16/2012	<0.55	171			171	<0.08	<0.003	<0.003	0.193	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	05/29/2012	<0.55	170			170	<0.08	<0.003	<0.003	0.170	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	06/19/2012	<0.55	172			172	<0.08	<0.003	<0.003	0.186	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	07/16/2012	<0.55	179			179	<0.08	<0.003	<0.003	0.164	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	08/14/2012	<0.55	182			182	<0.08	<0.003	<0.003	0.180	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-19	09/18/2012	<0.55	186			186	<0.08	<0.003	<0.003	0.168	<0.002	<0.002	<0.006	<0.01	<0.06	<0.003	<0.004	<0.004		<0.005		<0.001	
LCMW-23	11/02/2010		180			180	<0.05	<0.005	<0.002	0.17	<0.001	<0.001	<0.005	<0.01	<0.1	<0.005	<0.005	<0.005	10	<0.005	0.16	<0.001	0.001
LCMW-23D	11/04/2010		170			170	1.1	<0.005	<0.002	0.16	<0.001	<0.001	0.01	<0.01	3.5	<0.005	0.083	<0.005	19	<0.005	<0.02	<0.001	<0.002
LCPW-1	01/11/2011					160	<0.045	<0.0025	<0.005	0.2	<0.001	<0.001	<0.005	<0.05	0.03	<0.0025	<0.005	<0.005	14	<0.005	0.17	<0.001	<0.01
TW-01 @1000 ft bgs	03/29/2009		130			130	<0.05	<0.005	0.0021	0.075	<0.001	<0.001	<0.005	<0.01	0.22	<0.005	0.0081	<0.005		<0.005	0.34	<0.001	0.012
TW-01 @720 ft bgs	03/28/2009		140			140	<0.05	<0.005	0.002	0.13	<0.001	<0.001	<0.005	<0.01	0.24	<0.005	<0.005	<0.005		<0.005	0.3	<0.001	0.014
TW-01 @460 ft bgs	03/28/2009		130			130	<0.05	<0.005	<0.002	0.13	<0.001	<0.001	<0.005	<0.01	0.24	<0.005	<0.005	<0.005		<0.005	0.28	<0.001	0.013
Oasis Well	6/10/2009		180			180	<0.05	<0.005	<0.002	0.066	<0.001	<0.001	<0.005	0.011	0.75	<0.005	0.0081	<0.005	20	<0.005	0.18	0.0024	<0.002
Oasis Well	7/13/2009		220			220	<0.05	<0.005	<0.002	0.061	<0.001	<0.001	<0.005	<0.01	0.44	<0.005	<0.005	<0.005	19	<0.005	0.18	<0.001	0.002
Shafter #6	2006 Reported									0.1													0.0027
Shafter #6	2009 Reported								0.003	0.1													0.002
Shafter #6 PW	07/23/2009		110			110	0.00057	<0.00065	0.039	0.1	<0.00035	<0.00035	<0.00087	<0.00061	0.48	0.00043	0.00064	0.00073	30	0.000045	0.29	<0.00039	
Shafter #6	08/13/2009		130			130	<0.05	<0.005	0.0037	0.11	<0.001	<0.001	<0.005	<0.01	0.14	<0.005	<0.005	<0.005	61	<0.005	0.32	<0.001	0.014
Shafter #6	01/11/2010		140			140	<0.05	<0.005	0.0031	0.11	<0.001	<0.001	<0.005	0.013	1.4	0.026	0.024	<0.005	63	<0.005	0.35	<0.001	0.013
BSR Irrigation Well	10/03/2000		156	<1.0	<1.0	156	<0.02	<0.003	<0.005	0.168	<0.002	<0.002	<0.005	<0.01	<0.02	<0.007	<0.005	<0.01		<0.01	0.14	<0.001	
BSR Irrigation Well	12/13/2007		197	<1.0	<1.0	200	<0.045	<0.0025	<0.005	0.16	<0.001	<0.001	<0.005	<0.05	<0.01	<0.01	<0.005	<0.005		<0.005	0.17	<0.001	
BSR Irrigation Well	11/08/2010	0.49	160			160	<0.05	<0.005	<0.002	0.21	<0.001	<0.001	<0.005	0.023	0.27	<0.005	0.0066	<0.005	13	<0.005	0.17	<0.001	<0.002

Notes:
GW = Ground water
SW = Surface water
mg/L = milligrams per Liter
ug/L - micrograms per Liter
NTU = Nephelometric Turbidity Units
SU = Standard Units
ND = Non-Detect, no detection limit provided
a Value appears anomalously low, could not be validated
b Value appears anomalously high, could not be validated
c Unclear if units are as CaCO3 or as HCO3
d Unacceptable charge balance, unable to validate analyses
e Unacceptable charge balance
J biased low
R unuseable

Concentration exceeds the Profile II Reference Values and/or Nevada Drinking Water Standards

		CN, Total	CN WAD	Zn	Hg	Bi	B	Co	Ga	Li	Mo	Ni	Sc	Sn	Ti	V	P, Total
Sampling Location	Sample Date	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			0.2	5.0	0.002							0.1					
		0.2	0.2	5	0										0.002		
LCMW-1	4/30/2009			<0.05	0.0005												
LCMW-1	01/11/2011	<0.01		<0.01	<0.0001												<0.01
LCMW-1	02/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1	03/28/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1	04/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1	05/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1 (Dup)	05/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1	06/13/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1	07/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1	08/26/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-1	09/12/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-2 (not clear S	4/14/2009	<0.005		<0.05	<0.0002												
LCMW-3	12/01/2008			<0.05	<0.0002												
LCMW-3	12/01/2009			<0.0011	<0.000022												
LCMW-4	12/02/2008			<0.05	<0.0002												
LCMW-4	12/01/2009			<0.0011	<0.000022												
LCMW-5S	12/28/2011		<0.01	<0.01	<0.0002		<0.04					<0.01			<0.001		
LCMW-5S	01/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	02/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	03/28/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	04/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	05/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	06/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S (Dup)	06/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	07/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	08/26/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-5S	09/24/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	01/23/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	02/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	03/28/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	04/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	05/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	06/13/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	07/10/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	08/13/2012		<0.01	<0.01	0.00038							<0.01					
LCMW-07 (Dup)	08/13/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-07	09/12/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	01/23/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	02/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	03/28/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	04/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	05/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08 (Dup)	05/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	06/13/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	07/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	08/26/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-08	09/12/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	01/26/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	02/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	03/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	04/19/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	05/31/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	06/21/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	07/19/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	08/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-09S	09/19/2012		<0.01	<0.01	<0.0002							<0.01					

		CN, Total	CN WAD	Zn	Hg	Bi	B	Co	Ga	Li	Mo	Ni	Sc	Sn	Ti	V	P, Total
Sampling Location	Sample Date	mg/L		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
			0.2	5.0	0.002							0.1					
		0.2	0.2	5	0										0.002		
LCMW-10	01/24/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	02/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	03/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	04/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	05/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	06/19/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	07/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	08/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10	09/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-10 (Dup)	09/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	01/24/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	02/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	03/26/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	04/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11 (Dup)	04/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	05/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	06/12/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	07/09/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-11	08/14/2012		<0.01	<0.01	0.00024							<0.01					
LCMW-11	09/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	12/12/2009			<0.05	<0.0002												
LCMW-12	01/24/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	02/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	03/26/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	04/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12 (Dup)	04/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	05/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	06/12/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	07/09/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	08/14/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-12	09/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-13	12/15/2009			<0.05	<0.0002												
LCMW-14	01/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	02/22/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14 (Dup)	02/22/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	03/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	04/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	05/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	06/13/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	07/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	08/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-14	09/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	12/28/2011		<0.01	<0.01	<0.0002		<0.04					<0.01					
LCMW-15	01/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	02/22/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15 (Dup)	02/22/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	03/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	04/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	05/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	06/19/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	07/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	08/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-15	09/24/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	12/28/2011		<0.01	<0.01	<0.0002		<0.04					<0.01					
LCMW-17	01/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	02/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	03/28/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	04/18/2012		<0.01	<0.01	<0.0002							<0.01					

		CN, Total	CN WAD	Zn	Hg	Bi	B	Co	Ga	Li	Mo	Ni	Sc	Sn	Ti	V	P, Total
Sampling Location	**Sample Date**	**mg/L**		**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**
			0.2	**5.0**	**0.002**							**0.1**					
		0.2	**0.2**	**5**	**0**										**0.002**		
LCMW-17	05/30/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	06/19/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17 (Dup)	06/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	07/17/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	08/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-17	09/24/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	01/24/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	02/22/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	03/27/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	04/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	05/29/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	06/19/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	07/16/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	08/14/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-19	09/18/2012		<0.01	<0.01	<0.0002							<0.01					
LCMW-23	11/02/2010			<0.05	<0.0002												
LCMW-23D	11/04/2010			0.12	<0.0002												<0.1
LCPW-1	01/11/2011	<0.01		<0.01	<0.0001												<0.01
TW-01 @1000 ft bgs	03/29/2009			<0.05	<0.0002												
TW-01 @720 ft bgs	03/28/2009			<0.05	<0.0002												
TW-01 @460 ft bgs	03/28/2009			<0.05	<0.0002												
Oasis Well	6/10/2009	<0.005		0.97	<0.0002												
Oasis Well	7/13/2009			0.052	<0.0002												
Shafter #6	2006 Reported																
Shafter #6	2009 Reported																
Shafter #6 PW	07/23/2009	<0.0016			0.00005		0.064					0.00067					
Shafter #6	08/13/2009	<0.005		<0.05	<0.0002							<0.01					
Shafter #6	01/11/2010	<0.005		0.92	<0.0002												
BSR Irrigation Well	10/03/2000		<0.025	<0.05	<0.0005	<0.02	<0.1	<0.02	<0.05	<0.01	<0.02	<0.02	<0.005	<0.05	<0.005	<0.02	0.22
BSR Irrigation Well	12/13/2007		<0.01	<0.01	<0.0001	<0.1	<0.1	<0.01	<0.1	<0.1	<0.01	<0.01	<0.1	<0.1	<0.1	<0.01	<0.5
BSR Irrigation Well	11/08/2010			<0.05	<0.0002												<0.10

Notes:
GW = Ground water
SW = Surface water
mg/L = milligrams per Liter
ug/L - micrograms per Liter
NTU = Nephelometric Turbidity Units
SU = Standard Units
ND = Non-Detect, no detection limit provided
a Value appears anomalously low, could not be validated
b Value appears anomalously high, could not be validated
c Unclear if units are as CaCO3 or as HCO3
d Unacceptable charge balance, unable to validate analyses
e Unacceptable charge balance
J biased low
R unuseable
Concentration exceeds the Profile II Reference Values and/or Nevada Drinking Water Standards

SHAFTER WELL FIELD AND BIG SPRINGS 2010 WATER USE AND WATER RIGHTS SUMMARY
LONG CANYON EIS
ELKO COUNTY, NEVADA, NEWMONT USA LIMITED

Water Source	Application (Certificate)	Maximum Rate of Diversion (cfs)	Production Capacity (gpm)	2010 Annual Water Supply (gallons)
Shafter Well #1	29433 (15159)	1.47	210	45,377,500
Shafter Well #2	39110 (15160)	0.53	110	21,942,200
Shafter Well #3	49060 (17190)	1.46	850	93,874,938
Shafter Well #4	49422 (17191)	1.25	800	155,945,000
Shafter Well #5	49595 (17192)	1.56	600	71,135,000
Shafter Well #6	78451	2	500	138,734,000
Test Well #9	78451	2		
Johnson Spring (Big Spring)	28527 (12918)	1	450	220,022,000
Total		**11.27**	**3520**	**747,030,638**

Notes:
Source of Table: *Hydrogeologic Characterization Report* , Table 4-1. (Golder Associates, 2012).