

TABLE S16: RORA MED (no CA) LA-ICPMS U-Pb ZIRCON GEOCHRONOLOGY

Zircon #	Composition										Ages						
	U (ppm)	206Pb/204Pb	U/Th	206Pb/207Pb	1 σ (%)	207Pb/235U	1 σ (%)	206Pb/238U	1 σ (%)	Error Corr.	206Pb/238U	1 σ (Ma)	207Pb/235U	1 σ (Ma)	206Pb/207Pb	1 σ (Ma)	% Disc.
Run 1																	
Spot 1	66	557130.4	2.7	5.4	0.6	13.0	0.9	0.5	0.6	0.73533	2684.0	14.0	2676.1	8.2	2670.1	9.7	-0.5
Spot 2	88	55112.8	2.1	7.2	0.8	8.0	1.2	0.4	0.9	0.76018	2269.3	16.8	2233.7	10.5	2201.3	13.1	-3.1
Spot 3	101	63918.7	4.8	7.7	0.6	6.7	1.1	0.4	1.0	0.83493	2076.4	17.0	2075.5	10.1	2074.4	11.1	-0.1
Spot 4	38	212666.7	2.8	6.8	0.9	8.7	1.2	0.4	0.8	0.69403	2326.0	16.3	2309.8	11.0	2295.5	14.9	-1.3
Spot 5	72	301097.5	1.2	4.5	0.6	18.2	1.2	0.6	1.0	0.84839	3023.7	24.9	3002.5	11.7	2988.3	10.4	-1.2
Spot 6	100	94037.6	2.3	8.5	0.8	5.5	1.6	0.3	1.4	0.86922	1919.1	23.4	1905.2	14.0	1890.1	14.4	-1.5
Spot 7	79	111580.5	1.2	7.7	0.5	6.9	0.8	0.4	0.6	0.81443	2123.8	11.7	2103.9	7.1	2084.4	8.1	-1.9
Spot 8	62	993476.9	1.7	5.8	0.7	11.6	1.2	0.5	0.9	0.80819	2571.7	20.1	2571.2	11.0	2570.7	11.5	0.0
Spot 9	86	44164.6	2.6	5.4	0.5	13.1	1.0	0.5	0.8	0.84611	2688.0	18.6	2686.3	9.4	2685.0	8.8	-0.1
Spot 10	87	4890.5	2.5	6.6	1.8	7.3	2.0	0.4	0.9	0.42442	1992.0	14.6	2152.3	17.9	2308.9	31.2	13.7
Spot 12	84	109507.3	9.8	7.6	0.7	7.0	1.2	0.4	1.0	0.82965	2129.7	18.1	2113.1	10.7	2096.9	11.8	-1.6
Spot 13	23	108530.3	1.8	8.2	0.7	6.1	1.4	0.4	1.2	0.88025	2003.1	20.9	1986.4	12.0	1969.1	11.7	-1.7
Spot 14	52	171255.3	2.7	5.4	0.6	13.3	1.1	0.5	0.9	0.80499	2725.6	19.5	2700.3	10.3	2681.4	10.7	-1.6
Spot 15	31	16995.1	2.1	5.0	0.7	14.5	1.1	0.5	0.8	0.72660	2755.9	17.2	2784.1	10.0	2804.6	11.9	1.7
Spot 16	65	131048.5	1.6	8.4	0.7	5.5	1.1	0.3	0.8	0.77097	1881.1	13.6	1901.7	9.3	1924.3	12.3	2.2
Spot 17	91	117008.2	2.3	5.5	0.5	13.1	1.0	0.5	0.9	0.88083	2718.1	20.3	2687.2	9.8	2664.1	8.1	-2.0
Spot 18	43	11798.0	1.7	6.2	1.4	9.0	1.9	0.4	1.2	0.65993	2227.6	23.2	2336.0	17.1	2432.1	23.8	8.4
Spot 19	112	101482.7	2.6	5.4	0.6	13.1	1.2	0.5	1.1	0.85759	2698.2	23.4	2688.9	11.7	2681.8	10.5	-0.6
Spot 21	99	11946.7	1.2	5.9	0.4	10.6	0.8	0.5	0.7	0.85343	2456.5	14.2	2492.5	7.6	2521.9	7.1	2.6
Spot 22	99	359902.8	1.5	4.2	0.7	19.8	1.2	0.6	0.9	0.81080	3036.0	22.6	3079.2	11.1	3107.5	10.7	2.3
Spot 23	90	115853.2	4.8	7.7	0.8	6.8	1.2	0.4	0.9	0.74678	2110.7	15.7	2091.4	10.4	2072.4	13.7	-1.8
Spot 24	82	47904.1	1.0	8.5	0.5	5.7	0.8	0.4	0.7	0.80554	1963.2	11.3	1936.1	7.1	1907.1	8.8	-2.9
Spot 25	65	572828.8	1.8	7.5	0.7	7.0	1.2	0.4	1.0	0.82156	2105.5	17.8	2109.3	10.7	2113.0	12.0	0.4
Spot 26	98	11677.7	1.6	6.4	2.1	9.0	2.3	0.4	1.0	0.43934	2282.8	19.5	2341.7	21.1	2393.4	35.3	4.6
Spot 27	61	104061.7	4.9	5.0	0.7	15.3	1.2	0.6	1.0	0.83524	2865.7	23.1	2831.9	11.4	2808.0	10.7	-2.1
Spot 28	111	268683.8	2.3	8.5	0.5	5.5	1.0	0.3	0.8	0.85605	1904.9	13.6	1897.6	8.3	1889.6	8.9	-0.8
Spot 29	44	77117.8	2.4	6.3	0.7	10.1	1.1	0.5	0.8	0.73857	2467.8	16.8	2446.4	10.2	2428.7	12.6	-1.6
Spot 30	74	42400.4	2.0	5.2	0.6	14.3	1.0	0.5	0.9	0.83127	2806.0	19.6	2769.1	9.8	2742.3	9.4	-2.3
Spot 31	76	96960.7	2.1	8.5	0.7	5.5	1.1	0.3	0.8	0.77060	1905.2	13.7	1901.2	9.3	1896.9	12.3	-0.4
Spot 32	69	63409.3	1.7	7.4	0.6	7.2	1.1	0.4	1.0	0.87066	2139.0	17.7	2138.6	10.0	2138.2	9.6	0.0
Spot 33	78	95249.2	2.3	8.5	0.7	5.5	1.1	0.3	0.9	0.81725	1916.7	15.6	1904.2	9.9	1890.5	11.9	-1.4
Spot 34	82	130576.9	1.8	8.5	0.9	5.4	1.1	0.3	0.7	0.65319	1893.1	12.1	1891.3	9.7	1889.3	15.4	-0.2
Spot 35	69	150712.3	1.6	5.3	0.7	13.7	1.3	0.5	1.1	0.83809	2765.3	24.5	2726.2	12.3	2697.4	11.7	-2.5
Spot 36	82	115295.5	1.5	7.5	0.6	7.3	1.3	0.4	1.2	0.88407	2171.3	21.7	2150.6	11.9	2130.9	10.9	-1.9
Spot 37	115	91268.9	2.1	7.8	0.5	6.6	1.3	0.4	1.2	0.91230	2060.9	21.5	2057.7	11.8	2054.5	9.7	-0.3
Spot 38	91	208410.3	2.1	5.4	0.6	13.1	1.2	0.5	1.0	0.83367	2703.9	21.2	2688.8	10.9	2677.5	10.5	-1.0
Spot 39	57	67174.3	2.8	7.6	0.7	7.2	1.1	0.4	0.9	0.77331	2162.9	16.1	2133.8	10.1	2105.9	12.6	-2.7
Spot 40	41	123839.6	1.6	6.9	0.8	8.3	1.4	0.4	1.1	0.83408	2268.6	22.0	2263.9	12.5	2259.7	13.1	-0.4

Spot 42	98	58829.6	1.5	8.4	0.6	5.0	0.8	0.3	0.6	0.74214	1733.4	9.6	1821.0	7.2	1922.6	10.2	9.8
Spot 43	85	124452.3	3.2	5.4	0.6	13.0	1.1	0.5	0.8	0.79634	2681.9	18.4	2680.9	9.9	2680.1	10.5	-0.1
Spot 44	47	844519.9	2.7	7.1	0.7	7.9	1.1	0.4	0.9	0.81143	2215.5	17.3	2216.6	10.3	2217.6	11.5	0.1
Spot 45	86	51912.8	3.3	7.5	0.4	6.9	0.8	0.4	0.7	0.85035	2074.7	12.6	2100.5	7.4	2125.9	7.7	2.4
Spot 46	85	348745.7	2.3	5.5	0.7	13.1	1.2	0.5	0.9	0.81706	2725.3	20.9	2689.7	10.9	2663.0	11.0	-2.3
Spot 47	46	27681.5	1.6	7.9	0.6	6.1	0.9	0.4	0.7	0.76866	1960.1	11.7	1994.1	7.8	2029.6	10.2	3.4
Spot 48	103	53417.8	1.9	8.4	0.7	5.5	1.2	0.3	1.0	0.81522	1887.8	15.6	1903.5	10.0	1920.7	12.1	1.7
Spot 49	98	47930.4	2.6	5.4	0.7	12.3	1.3	0.5	1.1	0.85347	2543.6	23.2	2625.7	12.1	2689.6	11.1	5.4
Spot 50	100	125583.1	2.4	5.4	0.6	13.2	1.1	0.5	0.9	0.83309	2697.7	19.7	2697.3	10.1	2697.1	9.8	0.0
Spot 51	28	96405.1	2.1	7.5	0.7	7.4	1.1	0.4	0.9	0.78294	2192.7	16.6	2163.0	10.2	2134.9	12.4	-2.7
Spot 52	97	113691.8	1.7	7.3	0.8	7.4	1.2	0.4	0.9	0.76113	2163.1	17.0	2163.7	10.9	2164.3	13.7	0.1
Spot 53	80	237615.1	2.4	5.1	0.7	14.7	1.3	0.5	1.1	0.82796	2809.0	24.3	2798.2	12.3	2790.4	11.8	-0.7
Spot 54	21	18029.5	1.9	6.8	0.9	7.9	1.4	0.4	1.0	0.73949	2138.8	18.7	2218.1	12.5	2292.2	16.1	6.7
Spot 55	34	1755688.2	1.9	7.6	0.7	7.0	1.1	0.4	0.9	0.77502	2127.1	15.6	2113.9	9.9	2101.2	12.3	-1.2
Spot 56	94	168149.6	2.4	5.4	0.7	12.8	1.2	0.5	1.0	0.82273	2647.4	20.6	2667.0	10.9	2681.9	10.9	1.3
Spot 57	91	32792.2	1.1	7.4	0.5	7.2	1.1	0.4	0.9	0.88541	2113.6	16.9	2134.4	9.5	2154.5	8.6	1.9
Spot 58	131	219471.8	1.8	8.4	0.6	5.6	1.0	0.3	0.8	0.83836	1898.7	14.0	1914.0	8.7	1930.6	9.9	1.7
Spot 59	79	205143.1	3.1	4.9	0.7	15.3	1.2	0.5	0.9	0.80386	2821.9	21.3	2835.5	11.0	2845.2	11.2	0.8
Spot 60	74	44239.3	1.2	6.1	0.7	10.4	1.0	0.5	0.8	0.76440	2447.6	15.9	2468.8	9.5	2486.4	11.1	1.6
Spot 61	57	174010.6	1.3	7.8	0.7	6.6	1.1	0.4	0.9	0.80536	2064.6	16.2	2056.8	10.0	2048.9	11.9	-0.8
Spot 62	49	23585.0	2.3	7.1	0.7	7.5	1.1	0.4	0.9	0.77867	2109.2	16.0	2168.9	10.3	2225.9	12.4	5.2
Spot 63	138	54497.0	2.4	8.3	0.6	5.4	1.0	0.3	0.8	0.80929	1841.2	12.4	1890.2	8.2	1944.5	10.1	5.3
Spot 64	50	98395.8	4.6	7.0	0.8	8.1	1.2	0.4	1.0	0.77485	2241.8	18.0	2239.8	11.1	2238.0	13.4	-0.2
Spot 65	88	80670.4	3.8	7.6	0.7	6.9	1.2	0.4	0.9	0.78709	2080.9	16.5	2093.7	10.4	2106.3	12.7	1.2
Spot 66	39	237287.9	1.0	8.6	0.8	5.5	1.2	0.3	0.9	0.77873	1913.3	15.7	1896.3	10.5	1877.8	13.8	-1.9
Spot 67	139	397941.8	1.4	7.7	0.7	6.8	1.2	0.4	1.0	0.82532	2082.2	17.6	2085.7	10.6	2089.3	11.9	0.3
Spot 68	88	6936.9	2.4	7.3	1.5	6.4	1.7	0.3	0.8	0.46700	1933.1	12.9	2034.5	14.5	2138.9	25.6	9.6
Spot 69	34	121762.2	1.8	8.2	0.8	6.1	1.2	0.4	0.9	0.77312	2004.2	16.1	1988.3	10.5	1971.8	13.6	-1.6
Spot 70	86	1115656.2	1.9	7.4	0.7	7.4	1.1	0.4	0.8	0.75148	2162.0	14.9	2155.8	9.6	2150.0	12.4	-0.6
Spot 71	110	96429.2	2.3	5.4	0.8	12.4	1.4	0.5	1.2	0.82832	2579.2	24.7	2635.2	13.2	2678.6	13.0	3.7
Spot 72	118	111739.9	3.8	7.2	0.5	7.8	1.0	0.4	0.9	0.88238	2213.8	16.4	2208.6	8.9	2203.7	8.1	-0.5
Spot 73	41	124311.1	1.8	7.5	0.7	7.0	1.1	0.4	0.9	0.80427	2118.2	15.9	2117.3	9.8	2116.4	11.4	-0.1
Spot 74	79	162915.8	2.5	5.6	0.8	11.9	1.3	0.5	1.0	0.80505	2561.6	22.2	2596.5	12.2	2623.8	12.9	2.4
Spot 75	53	95048.8	4.3	7.1	0.6	7.7	1.3	0.4	1.1	0.89014	2189.9	21.2	2201.3	11.5	2211.8	10.1	1.0
Spot 76	164	13732.5	1.4	7.7	2.1	5.1	3.2	0.3	2.4	0.75139	1651.6	35.5	1839.4	27.5	2059.1	37.8	19.8
Spot 77	89	111675.3	2.6	8.6	0.6	5.4	1.2	0.3	1.1	0.86543	1889.9	17.3	1881.6	10.4	1872.4	11.0	-0.9
Spot 78	120	90144.3	3.7	7.5	0.6	6.5	1.4	0.4	1.2	0.90382	1971.2	21.2	2042.6	12.2	2115.5	10.4	6.8
Spot 79	63	105703.1	5.8	7.4	0.7	7.2	1.2	0.4	0.9	0.81473	2137.3	17.2	2139.5	10.3	2141.7	11.8	0.2
Spot 80	121	9868.6	2.5	6.6	0.8	7.1	1.1	0.3	0.9	0.74590	1895.4	14.0	2118.6	10.1	2342.8	13.0	19.1
Spot 81	69	46271.5	0.9	8.1	0.7	6.2	1.1	0.4	0.9	0.80417	2024.7	15.7	2004.4	9.8	1983.5	11.9	-2.1
Spot 82	18	98484.2	2.0	7.2	0.8	7.7	1.4	0.4	1.2	0.82592	2195.2	21.9	2192.1	12.8	2189.1	13.9	-0.3
Spot 83	106	113751.0	2.0	8.4	0.7	5.2	1.2	0.3	1.0	0.84223	1800.8	16.4	1854.4	10.5	1914.9	12.0	6.0
Spot 84	82	576089.2	1.9	7.9	0.6	6.6	1.1	0.4	0.9	0.82970	2072.9	16.5	2053.5	9.9	2034.0	11.1	-1.9

Spot 85	27	36395.3	3.3	7.5	0.8	7.3	1.2	0.4	0.9	0.77843	2159.1	17.2	2143.8	10.7	2129.1	13.2	-1.4
Spot 86	127	137051.1	2.2	7.6	0.6	7.1	1.1	0.4	1.0	0.85855	2142.6	17.7	2127.3	10.1	2112.6	10.2	-1.4
Spot 87	18	3671512.4	2.9	6.2	0.8	10.5	1.4	0.5	1.1	0.80469	2500.4	23.8	2477.3	13.2	2458.4	14.3	-1.7
Spot 88	96	24082.2	1.6	8.2	0.8	5.6	1.2	0.3	0.8	0.69063	1865.6	13.0	1913.2	10.0	1965.3	15.0	5.1
Spot 89	96	16038.3	1.8	8.0	0.5	6.0	1.0	0.4	0.8	0.85124	1941.2	13.6	1973.6	8.3	2007.6	8.9	3.3
Spot 90	149	1284527.9	2.4	7.2	0.6	7.7	1.2	0.4	1.0	0.85540	2194.5	18.9	2200.6	10.7	2206.2	10.7	0.5
Spot 91	109	20613.9	1.8	7.0	0.8	8.0	1.5	0.4	1.2	0.84084	2229.9	23.2	2231.7	13.2	2233.3	13.7	0.2
Spot 92	126	239659.9	2.3	5.4	0.7	12.9	1.3	0.5	1.1	0.85220	2673.3	23.5	2673.5	11.9	2673.6	10.9	0.0
Spot 93	145	24232.4	1.3	8.2	1.0	5.5	1.3	0.3	0.9	0.67517	1837.4	14.1	1900.3	11.2	1969.8	17.1	6.7
Spot 94	104	262372.7	3.8	5.0	0.6	14.9	1.2	0.5	1.1	0.88868	2817.3	25.1	2807.1	11.8	2799.7	9.3	-0.6
Spot 95	98	165091.8	3.0	8.5	0.7	5.4	1.3	0.3	1.1	0.84752	1878.9	18.2	1892.2	11.3	1906.8	12.6	1.5
Spot 96	104	251435.0	1.5	7.5	0.4	7.2	0.9	0.4	0.8	0.86934	2151.0	14.2	2137.6	8.0	2124.8	7.8	-1.2
Spot 97	164	168284.5	1.9	5.4	0.6	13.0	1.2	0.5	1.0	0.87431	2679.2	22.9	2676.8	11.3	2675.0	9.6	-0.2
Spot 98	127	5251140.1	3.6	7.5	0.6	7.0	1.2	0.4	1.0	0.83755	2108.2	17.8	2114.9	10.5	2121.4	11.3	0.6
Spot 99	47	100806.9	3.2	7.5	0.7	7.4	1.3	0.4	1.1	0.84598	2205.1	20.8	2159.3	11.8	2116.1	12.3	-4.2
Spot 100	133	100555.4	2.8	5.8	0.5	11.4	1.3	0.5	1.2	0.92625	2534.5	24.8	2554.5	11.9	2570.4	8.1	1.4
Spot 101	92	29924.7	1.3	8.3	0.5	5.7	1.0	0.3	0.8	0.85725	1926.1	13.7	1931.2	8.3	1936.7	8.8	0.6
Spot 102	153	49211.1	1.2	8.3	0.7	5.6	1.3	0.3	1.0	0.81848	1881.2	17.0	1910.1	11.0	1941.8	13.1	3.1
Spot 103	50	57884.5	1.1	8.0	0.7	6.4	1.1	0.4	0.9	0.78636	2047.6	15.0	2030.4	9.5	2012.8	11.9	-1.7
Spot 104	67	59791.6	1.7	8.5	0.6	5.5	1.0	0.3	0.8	0.82546	1890.6	13.6	1897.8	8.6	1905.6	10.2	0.8
Spot 105	91	86023.9	1.2	5.0	0.5	14.8	1.1	0.5	0.9	0.87189	2808.5	21.2	2804.7	10.2	2801.9	8.6	-0.2
Spot 106	92	98415.2	1.8	8.2	0.6	5.8	1.2	0.3	1.1	0.87050	1930.9	18.1	1944.1	10.8	1958.2	11.0	1.4
Spot 107	59	152437.7	2.2	8.5	0.8	5.6	1.2	0.3	0.9	0.76072	1927.5	15.8	1919.8	10.8	1911.4	14.5	-0.8
Spot 108	57	152464.8	3.1	5.5	0.5	13.1	1.0	0.5	0.8	0.85546	2717.5	18.7	2687.4	9.3	2664.9	8.4	-2.0
Spot 109	28	109488.7	1.9	6.9	0.7	8.6	1.3	0.4	1.1	0.84926	2328.2	20.8	2293.5	11.4	2262.7	11.4	-2.9
Spot 110	103	196264.1	1.5	8.5	0.5	5.4	0.9	0.3	0.7	0.78417	1880.8	11.0	1890.5	7.3	1901.3	9.6	1.1
Spot 111	111	86595.5	2.0	8.6	0.6	5.1	1.2	0.3	1.1	0.88929	1787.9	16.8	1835.7	10.3	1890.3	10.0	5.4
Spot 112	107	103478.7	0.8	8.1	0.5	6.1	1.1	0.4	1.0	0.89044	2001.8	16.6	1995.8	9.4	1989.7	8.7	-0.6
Spot 113	38	676786.2	2.0	7.0	0.7	8.3	1.1	0.4	0.9	0.77432	2275.3	16.9	2264.0	10.3	2253.8	12.4	-1.0
Spot 114	11	66162.0	1.7	7.4	0.8	7.4	1.1	0.4	0.8	0.73260	2158.7	15.1	2155.8	10.1	2153.0	13.4	-0.3
Spot 115	127	89567.1	1.6	5.3	0.6	13.3	1.9	0.5	1.8	0.95664	2682.2	40.3	2700.8	18.1	2714.8	9.2	1.2
Spot 116	44	39995.3	2.4	4.9	0.5	16.0	0.9	0.6	0.8	0.81687	2909.3	18.0	2875.2	9.0	2851.4	8.8	-2.0
Spot 117	44	4937.1	3.4	6.3	1.0	9.2	1.5	0.4	1.1	0.71386	2287.6	20.3	2354.2	13.5	2412.3	17.6	5.2
Spot 118	54	891907.7	1.9	3.7	0.5	24.2	1.2	0.7	1.1	0.92105	3268.7	28.7	3276.2	11.9	3280.8	7.4	0.4
Spot 119	114	1464158.2	2.2	8.6	0.7	5.5	1.3	0.3	1.1	0.85511	1910.3	18.5	1901.4	11.3	1891.7	12.2	-1.0
Spot 120	94	85408.8	2.6	8.4	0.7	5.6	1.2	0.3	1.0	0.83844	1910.9	17.3	1917.6	10.8	1924.9	12.2	0.7
Spot 121	145	1051065.6	3.8	5.5	0.6	12.7	1.2	0.5	1.1	0.89257	2652.1	24.0	2661.1	11.6	2667.9	9.2	0.6
Spot 122	82	320874.3	1.2	7.8	0.5	6.9	1.0	0.4	0.9	0.85317	2149.8	15.6	2101.7	8.9	2055.0	9.2	-4.6
Spot 123	57	1694433.4	1.5	5.3	0.6	13.7	1.1	0.5	0.9	0.82330	2753.8	21.1	2727.3	10.8	2707.6	10.7	-1.7
Spot 124	93	1244340.7	2.8	5.4	0.7	12.9	1.2	0.5	1.0	0.82589	2678.6	21.7	2674.1	11.3	2670.6	11.2	-0.3
Spot 125	76	66735.9	1.0	8.5	0.5	5.4	1.0	0.3	0.8	0.84011	1852.8	13.2	1878.3	8.3	1906.5	9.5	2.8
Spot 126	109	9410.4	2.8	6.0	0.7	9.7	1.2	0.4	0.9	0.79434	2293.5	17.9	2407.8	10.8	2505.8	11.9	8.5
Spot 127	87	92695.5	3.1	8.5	0.6	5.6	1.1	0.3	0.9	0.83407	1926.9	14.7	1909.5	9.1	1890.7	10.5	-1.9

Spot 12	31	63815.9	3.0	4.9	0.7	15.3	1.2	0.5	1.0	0.82839	2821.3	22.7	2831.1	11.4	2838.1	10.9	0.6
Spot 12	61	106405.5	1.0	5.3	0.4	13.1	0.8	0.5	0.7	0.83110	2664.9	14.2	2686.4	7.4	2702.6	7.2	1.4
Spot 13	181	448765.6	3.4	5.3	0.6	12.9	1.5	0.5	1.3	0.90467	2635.8	29.1	2674.6	14.0	2704.1	10.4	2.5
Spot 131	137	91748.9	3.0	7.6	0.6	6.8	1.3	0.4	1.1	0.89120	2085.8	20.3	2091.0	11.3	2096.2	10.2	0.5
Spot 132	49	118171.4	3.9	7.5	0.6	7.4	1.3	0.4	1.2	0.88406	2216.4	22.1	2163.7	11.9	2114.1	10.9	-4.8
Spot 133	170	110141.6	2.0	5.4	0.5	12.7	1.2	0.5	1.1	0.89210	2635.4	23.1	2660.7	11.3	2680.0	8.9	1.7
Spot 134	82	166371.9	6.7	7.6	0.6	6.8	1.1	0.4	0.9	0.84267	2061.8	16.7	2086.3	10.0	2110.5	10.6	2.3
Spot 135	40	352225.6	1.8	7.2	0.6	7.8	1.1	0.4	0.9	0.82648	2209.9	16.6	2204.5	9.6	2199.4	10.5	-0.5
Spot 136	83	384847.4	2.1	5.4	0.5	13.1	0.9	0.5	0.7	0.77950	2709.4	14.9	2689.0	8.1	2673.7	8.9	-1.3
Spot 137	106	93419.8	2.5	5.4	0.6	13.0	1.1	0.5	0.9	0.83825	2665.7	20.5	2677.5	10.6	2686.4	10.1	0.8
Spot 138	95	120418.3	2.6	5.4	0.6	13.0	1.1	0.5	0.9	0.84959	2679.4	19.6	2678.6	9.9	2678.0	9.2	-0.1
Spot 139	71	205691.8	0.9	7.7	0.6	6.9	1.2	0.4	1.0	0.86659	2138.7	18.7	2103.6	10.5	2069.5	10.4	-3.3
Spot 140	83	59948.6	2.0	7.2	0.5	7.3	0.8	0.4	0.7	0.79763	2103.0	12.1	2150.2	7.6	2195.6	8.9	4.2
Spot 141	66	89803.1	2.4	7.2	0.7	7.6	1.2	0.4	0.9	0.80438	2155.7	17.4	2182.0	10.6	2206.8	12.1	2.3
Spot 142	173	105904.2	2.2	6.5	0.5	9.2	1.1	0.4	1.0	0.90114	2339.8	18.9	2355.5	9.8	2369.2	7.9	1.2
Spot 143	84	199673.6	2.1	6.9	0.5	8.6	0.9	0.4	0.8	0.86187	2314.2	15.9	2292.3	8.6	2272.7	8.3	-1.8
Spot 144	96	#####	2.1	7.6	0.5	7.0	1.0	0.4	0.8	0.82857	2117.0	14.3	2112.2	8.5	2107.5	9.4	-0.5
Spot 145	122	184982.7	4.0	7.6	0.6	7.0	1.3	0.4	1.1	0.88992	2099.1	20.3	2106.4	11.3	2113.6	10.2	0.7
Spot 146	126	24160.4	2.2	8.1	0.7	5.6	1.1	0.3	0.8	0.75567	1866.0	13.3	1921.6	9.4	1982.1	12.7	5.9
Spot 147	201	38500.7	7.6	7.4	0.6	6.9	1.1	0.4	0.9	0.81031	2057.4	15.0	2103.6	9.3	2149.1	10.8	4.3
Spot 148	10	101068.3	11.0	5.8	0.9	12.1	1.6	0.5	1.3	0.83053	2661.9	28.2	2611.8	14.6	2573.2	14.5	-3.4
Spot 149	54	106646.9	2.0	7.4	0.6	7.6	1.2	0.4	1.0	0.86446	2215.7	19.3	2183.8	10.7	2154.0	10.5	-2.9
Spot 150	92	283490.6	16.4	7.5	0.7	7.0	1.0	0.4	0.8	0.76118	2106.9	14.2	2115.4	9.2	2123.7	11.8	0.8
Spot 151	87	99035.7	1.2	7.2	0.7	7.8	1.1	0.4	0.9	0.81216	2212.7	17.2	2203.9	10.1	2195.7	11.4	-0.8
Spot 152	118	27510.5	1.8	8.2	0.9	5.5	1.4	0.3	1.1	0.78046	1828.9	17.7	1895.9	12.2	1970.0	15.8	7.2
Spot 153	231	392067.2	2.7	7.6	0.5	6.8	1.4	0.4	1.3	0.93224	2050.7	22.3	2079.4	12.0	2107.9	8.6	2.7
Spot 154	100	367503.8	2.5	7.8	0.6	6.5	1.0	0.4	0.8	0.81026	2038.8	13.5	2044.7	8.4	2050.6	9.8	0.6
Spot 155	85	104628.9	1.7	7.6	0.6	7.0	1.2	0.4	1.1	0.87177	2120.3	19.6	2109.7	11.1	2099.3	10.7	-1.0
Spot 156	140	37482.5	1.3	7.4	0.7	6.7	1.4	0.4	1.2	0.84429	2009.4	20.4	2072.6	12.4	2136.1	13.1	5.9
Spot 157	75	119295.8	1.6	7.6	0.6	6.9	1.1	0.4	1.0	0.84888	2091.2	17.2	2096.7	10.0	2102.0	10.5	0.5
Spot 158	85	291714.1	5.5	7.5	0.7	7.1	1.1	0.4	0.9	0.78619	2130.1	16.2	2128.8	10.1	2127.5	12.3	-0.1
Spot 159	60	89617.9	0.9	5.4	0.5	12.9	1.0	0.5	0.8	0.84394	2645.5	17.8	2670.4	9.1	2689.3	8.6	1.6
Spot 160	63	226913.9	3.4	6.0	0.6	10.7	1.2	0.5	1.0	0.87487	2501.0	21.3	2496.9	10.9	2493.6	9.6	-0.3
Spot 161	132	405773.7	2.4	5.4	0.6	12.8	1.3	0.5	1.2	0.88736	2650.2	25.5	2662.8	12.5	2672.3	10.1	0.8
Spot 162	55	16659.9	3.3	7.9	1.6	6.6	2.1	0.4	1.2	0.59817	2094.2	22.2	2055.4	18.3	2016.7	29.5	-3.8
Spot 163	83	41372.1	1.5	8.4	0.6	5.4	1.2	0.3	1.1	0.85972	1854.4	17.3	1884.5	10.7	1917.8	11.4	3.3
Spot 164	123	97376.0	1.6	8.5	0.7	5.5	1.2	0.3	0.9	0.79284	1898.9	15.3	1900.5	10.1	1902.2	12.8	0.2
Spot 165	75	547103.2	1.5	7.9	0.6	6.2	1.0	0.4	0.8	0.80297	1963.1	13.4	1998.2	8.6	2034.7	10.4	3.5
Spot 166	59	290456.3	2.0	7.5	0.7	7.2	1.2	0.4	1.0	0.82048	2138.4	17.6	2135.3	10.5	2132.3	11.8	-0.3
Spot 167	37	42269.9	3.1	7.5	0.7	7.1	1.2	0.4	0.9	0.77881	2126.8	16.5	2123.5	10.4	2120.3	12.9	-0.3
Spot 168	35	238921.7	2.3	4.6	0.7	17.5	1.2	0.6	1.0	0.82883	2984.2	24.4	2961.1	11.8	2945.5	11.1	-1.3
Spot 169	27	48708.0	1.6	8.2	0.7	6.2	1.3	0.4	1.1	0.82370	2037.7	18.9	1997.8	11.5	1956.8	13.3	-4.1
Spot 170	81	159385.4	11.2	5.8	0.6	11.5	1.2	0.5	1.0	0.85689	2558.3	21.1	2567.0	10.9	2573.8	10.0	0.6

Spot 171	98	18306.3	1.9	8.0	0.9	5.6	1.5	0.3	1.2	0.78713	1836.3	18.4	1918.0	12.6	2007.3	16.0	8.5
Spot 172	50	1366660.2	1.8	5.5	0.6	12.8	1.2	0.5	1.0	0.83264	2689.6	21.1	2667.7	10.9	2651.1	10.6	-1.5
Spot 173	189	299452.1	1.8	8.5	0.6	5.4	0.9	0.3	0.8	0.79908	1862.9	12.3	1880.4	8.1	1899.6	10.2	1.9
Spot 174	96	97042.3	1.9	5.4	0.5	13.1	1.0	0.5	0.9	0.83990	2692.4	18.7	2690.4	9.6	2688.9	9.1	-0.1
Spot 175	87	357285.3	1.3	3.8	0.6	23.5	1.1	0.7	0.9	0.85549	3252.4	23.5	3249.9	10.5	3248.3	8.8	-0.1
Spot 176	87	1736361.9	1.8	5.5	0.5	12.9	1.2	0.5	1.1	0.89604	2689.2	23.8	2673.6	11.4	2661.8	8.9	-1.0
Spot 177	100	799695.6	1.7	4.6	0.7	16.7	1.1	0.6	0.9	0.77354	2874.8	20.3	2919.0	10.8	2949.7	11.6	2.5
Spot 178	95	10928.0	2.9	6.9	1.1	7.8	1.7	0.4	1.2	0.74166	2146.6	22.6	2207.5	15.0	2264.5	19.3	5.2
Spot 179	103	154464.1	2.1	5.4	0.5	12.8	0.9	0.5	0.8	0.83434	2650.2	17.1	2662.6	8.9	2672.0	8.6	0.8
Spot 180	89	92018.5	1.6	7.5	0.5	7.0	0.9	0.4	0.7	0.81509	2115.4	13.4	2114.8	8.1	2114.2	9.2	-0.1
Spot 181	85	1071001.0	2.5	5.4	0.8	13.1	1.1	0.5	0.8	0.70509	2695.3	16.8	2687.0	10.2	2680.7	12.7	-0.5
Spot 182	75	116985.2	2.1	8.5	0.6	5.3	1.0	0.3	0.8	0.78937	1840.8	12.5	1869.2	8.5	1901.0	10.9	3.2
Spot 183	35	90928.5	3.2	8.6	0.7	5.6	1.2	0.4	1.0	0.81657	1953.4	16.3	1914.6	10.2	1872.8	12.3	-4.3
Spot 184	106	113720.1	2.4	7.7	0.6	6.7	1.1	0.4	0.9	0.79758	2069.6	15.0	2068.6	9.4	2067.5	11.3	-0.1
Spot 185	17	458956.7	1.4	3.7	0.7	24.3	1.3	0.7	1.0	0.82772	3272.4	26.6	3279.7	12.2	3284.2	11.1	0.4
Spot 186	112	97327.1	2.5	7.2	0.7	7.8	1.3	0.4	1.1	0.84921	2222.5	20.4	2206.3	11.5	2191.2	11.8	-1.4
Spot 187	194	245640.1	2.6	5.5	0.7	12.2	1.1	0.5	0.9	0.78882	2577.6	18.9	2621.8	10.6	2656.1	11.5	3.0
Spot 188	77	36138.0	2.1	8.4	0.5	5.7	0.8	0.4	0.6	0.76879	1943.5	10.2	1930.3	6.8	1916.3	9.1	-1.4
Spot 189	104	133451.2	1.8	8.4	0.7	5.6	1.2	0.3	1.0	0.82599	1923.8	16.5	1917.8	10.3	1911.2	12.1	-0.7
Spot 190	51	10745.0	1.8	7.1	0.7	7.5	1.1	0.4	0.9	0.77608	2139.1	15.9	2178.9	10.1	2216.6	12.3	3.5
Spot 191	116	209283.9	2.4	5.4	0.6	12.9	1.2	0.5	1.0	0.86216	2659.3	22.6	2670.7	11.3	2679.3	10.1	0.7
Spot 192	125	227884.8	2.0	7.6	0.7	6.9	1.4	0.4	1.1	0.84976	2092.2	20.5	2094.7	12.0	2097.2	12.5	0.2
Spot 193	29	36158.9	2.8	7.5	0.6	7.2	1.1	0.4	0.9	0.83296	2138.8	16.0	2130.3	9.4	2122.1	10.2	-0.8
Spot 194	135	107305.4	1.7	5.6	0.6	12.3	1.1	0.5	0.9	0.83167	2627.7	19.8	2630.9	10.3	2633.3	10.2	0.2
Spot 195	86	74069.0	1.1	7.9	0.7	6.4	1.1	0.4	0.9	0.76634	2027.3	14.9	2031.4	9.8	2035.5	12.7	0.4
Spot 196	115	163818.2	2.5	5.6	0.5	12.3	0.9	0.5	0.8	0.86612	2634.2	17.7	2631.1	8.9	2628.7	7.8	-0.2
Spot 197	73	41290.9	2.6	8.3	0.7	5.6	1.1	0.3	0.9	0.80773	1908.2	15.1	1918.4	9.8	1929.3	12.0	1.1
Spot 198	34	560583.2	2.0	4.2	0.7	19.6	1.1	0.6	0.9	0.79879	3056.3	21.3	3070.4	10.6	3079.6	10.5	0.8
Spot 199	112	200351.5	2.7	6.9	0.6	8.4	1.1	0.4	1.0	0.85045	2277.9	18.6	2271.9	10.4	2266.5	10.4	-0.5
Spot 200	52	184104.5	4.8	5.0	0.6	15.2	1.2	0.6	1.0	0.86896	2855.0	23.6	2829.7	11.2	2811.7	9.5	-1.5
Spot 201	104	159037.0	1.9	7.1	0.7	7.7	1.1	0.4	0.8	0.72629	2181.5	14.2	2199.9	9.5	2217.1	12.6	1.6
Spot 202	28	75246.6	2.5	7.6	0.8	7.2	1.3	0.4	1.0	0.78250	2186.9	18.3	2138.1	11.2	2091.6	13.8	-4.6
Spot 203	126	27766.1	3.4	7.1	0.8	8.0	1.2	0.4	0.9	0.75112	2244.3	16.5	2232.5	10.5	2221.8	13.3	-1.0
Spot 204	31	356101.1	2.2	7.2	0.8	7.7	1.3	0.4	1.0	0.79332	2185.0	19.0	2194.0	11.6	2202.4	13.7	0.8
Spot 205	91	12538.1	1.7	7.9	0.8	5.9	1.0	0.3	0.6	0.58208	1899.6	9.6	1956.0	8.7	2016.3	14.5	5.8
Spot 206	85	95805.2	2.0	7.6	0.7	7.0	1.1	0.4	0.9	0.80429	2129.8	16.4	2108.3	10.0	2087.4	11.8	-2.0
Spot 207	70	253624.5	1.5	7.5	0.6	7.5	1.1	0.4	0.9	0.83002	2219.0	17.2	2167.4	9.9	2119.0	10.8	-4.7
Spot 208	57	195656.2	1.6	5.5	0.6	12.7	1.1	0.5	1.0	0.84798	2646.0	20.9	2654.3	10.7	2660.7	10.0	0.6
Spot 209	140	45688.4	1.5	8.3	0.4	5.2	0.8	0.3	0.7	0.85380	1788.2	11.3	1857.2	7.2	1935.3	7.9	7.6
Spot 210	31	114295.8	2.3	7.4	0.7	7.3	1.4	0.4	1.2	0.86998	2164.6	22.1	2154.1	12.3	2144.1	11.9	-1.0
Spot 211	19	97810.7	0.7	7.5	0.7	6.9	1.6	0.4	1.4	0.89738	2085.2	25.0	2104.6	13.9	2123.7	12.1	1.8
Spot 212	76	96126.5	3.5	7.1	0.7	8.0	1.2	0.4	0.9	0.77727	2229.0	16.9	2228.0	10.4	2227.1	12.5	-0.1
Spot 213	93	168608.5	3.1	7.8	0.5	6.7	0.9	0.4	0.7	0.83082	2086.2	13.1	2073.9	7.8	2061.7	8.7	-1.2

Spot 214	132	1056965.1	3.2	7.6	0.6	6.9	1.2	0.4	1.1	0.87184	2100.4	19.0	2102.9	10.8	2105.3	10.5	0.2
Spot 215	84	143722.4	2.3	8.5	0.7	5.6	1.1	0.3	0.9	0.76738	1921.9	14.4	1910.5	9.7	1898.1	13.0	-1.3
Spot 216	146	89146.6	3.1	7.4	0.5	7.1	1.0	0.4	0.9	0.84798	2121.6	15.8	2128.8	9.2	2135.8	9.6	0.7
Spot 217	66	75828.2	3.3	5.4	0.6	13.5	1.1	0.5	0.9	0.85699	2740.5	20.8	2715.4	10.3	2696.7	9.3	-1.6
Spot 218	33	3539.7	1.4	4.7	1.2	15.2	1.6	0.5	1.0	0.63744	2749.5	22.9	2828.7	15.3	2885.5	20.1	4.7
Spot 219	85	274380.4	2.9	5.4	0.5	13.2	1.0	0.5	0.9	0.86241	2711.7	20.0	2695.9	9.9	2684.0	8.8	-1.0
Spot 220	156	579608.4	1.9	7.7	0.7	6.7	1.1	0.4	0.8	0.77780	2062.5	14.8	2066.5	9.5	2070.5	11.9	0.4
Spot 221	32	30785.8	3.9	7.6	0.7	7.1	1.2	0.4	1.0	0.79995	2173.0	18.2	2129.8	11.0	2088.3	13.0	-4.1
Spot 222	68	155916.4	2.7	7.6	0.6	7.0	1.1	0.4	1.0	0.83649	2130.6	17.4	2113.6	10.2	2097.0	11.1	-1.6
Spot 223	55	60480.0	1.1	7.4	0.8	7.5	1.3	0.4	1.0	0.79831	2179.6	19.3	2168.9	11.7	2158.7	13.8	-1.0
Spot 224	56	159720.2	1.5	7.5	0.6	7.1	1.3	0.4	1.2	0.90263	2118.6	21.8	2125.5	11.9	2132.2	10.1	0.6
Spot 225	101	108286.5	3.7	7.5	0.6	7.4	1.2	0.4	1.0	0.87385	2201.9	19.1	2166.0	10.5	2132.1	10.0	-3.3
Spot 226	137	9252.5	2.6	5.1	0.8	12.4	1.5	0.5	1.3	0.86686	2470.6	26.8	2638.4	14.2	2769.8	12.3	10.8
Spot 227	76	73783.2	1.9	8.5	0.7	5.5	1.2	0.3	1.0	0.83005	1878.4	16.1	1893.4	10.2	1909.7	11.9	1.6
Spot 228	76	45933.3	1.4	8.4	0.6	5.6	0.9	0.3	0.7	0.78765	1905.7	11.7	1911.8	7.7	1918.3	9.9	0.7
Spot 229	95	105842.4	3.4	7.8	0.6	6.8	1.1	0.4	0.9	0.82712	2118.9	15.7	2082.0	9.3	2045.7	10.5	-3.6
Spot 230	168	10229.2	8.0	6.6	1.1	8.0	1.5	0.4	0.9	0.64320	2129.5	17.1	2231.0	13.3	2325.5	19.3	8.4
Spot 231	129	118675.7	2.8	5.4	0.6	13.3	1.1	0.5	1.0	0.85127	2729.3	21.7	2699.8	10.8	2677.7	9.9	-1.9
Spot 232	41	75338.8	1.7	8.4	0.6	5.7	1.2	0.4	1.1	0.86039	1934.9	18.0	1925.6	10.8	1915.7	11.4	-1.0
Spot 233	127	108399.3	2.3	5.4	0.6	12.8	1.0	0.5	0.8	0.79444	2640.9	17.9	2668.4	9.8	2689.3	10.4	1.8
Spot 234	148	140635.3	2.1	8.5	0.6	5.6	1.0	0.3	0.8	0.80687	1908.3	13.3	1909.7	8.6	1911.1	10.6	0.1
Spot 235	45	28714.0	0.8	5.4	0.6	12.9	1.1	0.5	1.0	0.87102	2660.5	21.4	2670.8	10.6	2678.5	9.2	0.7
Spot 236	85	595303.8	1.9	8.6	0.7	5.5	1.0	0.3	0.8	0.76038	1913.6	12.9	1901.0	8.8	1887.3	12.0	-1.4
Spot 237	74	81300.6	2.8	5.4	0.5	13.1	0.9	0.5	0.8	0.81339	2675.8	16.6	2683.8	8.8	2689.9	8.9	0.5
Spot 238	32	1489373.4	1.8	5.6	0.7	12.4	1.2	0.5	1.0	0.83436	2634.2	22.1	2634.2	11.5	2634.2	11.2	0.0
Spot 239	49	119974.1	3.9	7.7	0.6	7.0	1.1	0.4	0.9	0.82422	2134.8	16.9	2107.0	10.0	2079.9	11.2	-2.6
Spot 240	107	89384.5	2.4	8.6	0.6	5.4	1.0	0.3	0.8	0.76512	1894.3	12.5	1892.7	8.5	1890.9	11.5	-0.2
Spot 241	106	13531.8	2.2	7.5	0.8	6.7	1.0	0.4	0.7	0.66695	2021.1	11.7	2072.4	8.9	2123.8	13.2	4.8
Spot 242	122	123093.6	1.5	7.6	0.7	7.0	1.3	0.4	1.1	0.85259	2110.2	20.6	2109.3	12.0	2108.4	12.3	-0.1
Spot 243	186	27444.5	2.3	7.3	0.8	7.0	1.5	0.4	1.3	0.85708	2050.0	22.6	2113.9	13.3	2176.7	13.4	5.8
Spot 244	97	209316.6	4.3	4.9	0.6	15.6	1.2	0.6	1.1	0.87890	2857.5	24.7	2854.9	11.6	2853.1	9.5	-0.2
Spot 245	44	107278.3	1.4	7.8	0.7	6.8	1.2	0.4	1.0	0.80621	2112.2	17.5	2080.5	10.7	2049.2	12.6	-3.1
Spot 246	34	136101.1	1.2	5.4	0.6	13.0	1.3	0.5	1.1	0.87635	2680.6	24.1	2679.3	11.8	2678.3	10.0	-0.1
Spot 247	82	141810.7	2.1	8.2	0.7	6.0	1.1	0.4	0.8	0.78094	1984.7	14.5	1979.1	9.5	1973.2	12.1	-0.6
Spot 248	63	59583.6	2.4	8.4	0.6	5.8	1.1	0.4	0.9	0.85351	1968.4	15.6	1941.2	9.3	1912.3	10.1	-2.9
Spot 249	151	159552.5	2.2	8.5	0.4	5.5	1.0	0.3	0.9	0.91339	1882.3	15.2	1895.6	8.8	1910.1	7.5	1.5
Spot 250	97	415629.8	2.8	5.5	0.5	13.2	1.0	0.5	0.9	0.84568	2736.7	19.3	2697.4	9.7	2668.0	9.1	-2.6
Spot 251	71	21650.3	1.7	7.4	0.6	7.0	1.1	0.4	0.9	0.79733	2083.5	15.3	2113.5	9.6	2142.8	11.3	2.8
Spot 252	94	548218.9	0.8	8.6	0.6	5.4	1.1	0.3	0.8	0.79343	1891.5	13.9	1885.1	9.1	1878.0	11.7	-0.7
Spot 253	165	248114.3	2.5	7.6	0.6	6.8	1.1	0.4	0.9	0.81514	2079.0	15.6	2090.8	9.5	2102.4	10.9	1.1
Spot 254	16	166666.8	1.6	7.3	0.7	7.7	1.4	0.4	1.2	0.85690	2210.9	22.0	2191.7	12.3	2173.7	12.3	-1.7
Spot 255	85	210964.2	2.6	5.4	0.7	13.0	1.2	0.5	1.0	0.83191	2683.8	22.4	2677.4	11.6	2672.6	11.3	-0.4
Spot 256	67	119632.9	1.9	7.7	0.7	6.8	1.2	0.4	0.9	0.78521	2101.1	16.9	2087.9	10.6	2074.9	13.1	-1.3

Spot 257	85	398883.2	1.3	3.9	0.6	23.2	1.0	0.7	0.8	0.79668	3247.5	20.6	3233.7	9.9	3225.1	9.7	-0.7
Spot 258	38	45444.9	1.2	8.1	0.6	6.0	0.9	0.4	0.7	0.75680	1976.7	11.8	1981.2	8.0	1985.9	10.7	0.5
Spot 259	102	645584.4	2.3	5.4	0.5	13.1	1.1	0.5	1.0	0.89249	2709.0	21.8	2689.1	10.4	2674.1	8.2	-1.3
Spot 260	81	1633833.2	2.4	5.6	0.7	12.6	1.1	0.5	0.8	0.78638	2702.8	18.7	2653.7	10.1	2616.5	11.1	-3.3
Spot 261	101	285633.7	2.3	7.5	0.7	7.2	1.2	0.4	1.0	0.84077	2150.0	18.7	2130.8	10.8	2112.4	11.5	-1.8
Spot 262	115	330629.6	2.1	5.4	0.7	13.0	1.4	0.5	1.3	0.88337	2680.6	28.0	2679.8	13.6	2679.2	11.2	-0.1
Spot 263	47	20128.1	1.1	6.9	2.3	7.6	2.4	0.4	0.7	0.27884	2093.7	11.9	2183.0	21.4	2268.0	39.4	7.7
Spot 264	87	116424.9	2.1	7.6	0.6	7.0	1.1	0.4	1.0	0.85650	2109.5	17.4	2107.7	10.0	2106.0	10.2	-0.2
Spot 265	103	224002.9	1.7	5.3	0.6	13.5	1.1	0.5	0.9	0.83731	2731.2	19.8	2713.1	10.0	2699.6	9.6	-1.2
Spot 266	147	634340.6	3.0	7.6	0.6	6.8	1.1	0.4	0.9	0.83734	2068.0	15.7	2080.3	9.4	2092.6	10.2	1.2
Spot 267	71	119735.2	2.5	5.4	0.6	13.2	1.1	0.5	1.0	0.86354	2710.2	21.5	2693.5	10.6	2680.9	9.4	-1.1
Spot 268	68	102456.7	2.3	5.4	0.4	13.4	0.9	0.5	0.8	0.87097	2745.5	17.0	2705.8	8.2	2676.3	7.1	-2.6
Spot 269	98	86313.9	1.6	7.1	0.6	7.7	1.0	0.4	0.8	0.82360	2172.9	15.6	2191.8	9.2	2209.5	10.1	1.7
Spot 270	109	150568.0	2.1	8.6	0.5	5.5	1.1	0.3	1.0	0.90469	1924.5	16.8	1903.8	9.6	1881.3	8.6	-2.3
Spot 271	38	20135.8	2.5	8.1	1.0	6.1	1.5	0.4	1.2	0.76077	1987.4	19.7	1988.2	13.2	1989.0	17.5	0.1
Spot 272	37	57811.8	2.9	7.7	0.6	7.1	1.2	0.4	1.0	0.85079	2160.5	18.4	2120.6	10.5	2082.1	10.9	-3.8
Spot 273	65	171000.5	1.2	8.0	0.8	6.2	1.1	0.4	0.7	0.67050	2016.0	12.6	2008.0	9.5	1999.8	14.4	-0.8
Spot 274	128	248359.6	5.4	7.4	0.5	7.3	0.9	0.4	0.8	0.84027	2164.1	14.4	2150.0	8.3	2136.6	8.8	-1.3
Spot 275	66	211012.4	2.8	7.6	0.6	7.0	1.1	0.4	0.9	0.82542	2119.5	15.8	2107.1	9.4	2095.1	10.5	-1.2
Spot 276	46	5479.2	0.8	6.8	1.0	6.9	1.3	0.4	0.8	0.61045	1947.9	13.3	2103.1	11.5	2258.6	17.7	13.8
Spot 277	51	54840.9	2.1	7.2	1.0	7.9	1.4	0.4	1.0	0.73220	2247.4	19.6	2221.3	12.7	2197.3	16.7	-2.3
Spot 278	47	92384.0	2.4	7.2	0.6	8.1	1.2	0.4	1.1	0.86273	2291.7	20.6	2242.0	11.2	2196.9	10.9	-4.3
Spot 279	52	1215876.4	2.3	7.6	0.5	7.0	1.1	0.4	0.9	0.86683	2126.3	16.9	2111.0	9.6	2096.1	9.4	-1.4
Spot 280	44	71681.6	2.3	7.6	0.7	7.0	1.2	0.4	1.0	0.83155	2107.0	18.2	2107.4	10.8	2107.7	11.9	0.0
Spot 281	37	104447.9	2.6	7.2	0.8	7.5	1.2	0.4	0.9	0.77975	2145.2	17.0	2173.1	10.7	2199.6	13.0	2.5
Spot 282	80	93348.3	1.7	8.5	0.5	5.5	1.0	0.3	0.8	0.85625	1903.1	13.4	1902.9	8.2	1902.6	8.8	0.0
Spot 283	98	387402.8	2.5	5.5	0.6	12.8	1.0	0.5	0.8	0.83746	2670.5	18.5	2667.9	9.5	2665.9	9.1	-0.2
Spot 284	145	445836.5	2.6	7.8	0.6	6.8	1.1	0.4	0.9	0.83607	2117.1	16.1	2090.0	9.5	2063.4	10.3	-2.6
Spot 285	78	745362.6	2.3	4.1	0.5	21.3	1.0	0.6	0.8	0.84041	3165.0	20.5	3150.1	9.5	3140.7	8.4	-0.8
Spot 286	78	126895.5	2.0	8.6	0.6	5.5	1.2	0.3	1.0	0.85649	1906.8	16.4	1894.2	9.9	1880.3	10.8	-1.4
Spot 287	93	427648.3	1.9	4.1	0.3	21.6	0.9	0.7	0.8	0.91896	3232.2	19.9	3164.9	8.3	3122.4	5.3	-3.5
Spot 288	113	123783.9	2.6	8.5	0.6	5.5	1.0	0.3	0.8	0.79297	1897.5	13.6	1896.8	9.0	1896.0	11.5	-0.1
Spot 289	75	51736.3	1.7	8.3	0.6	5.5	1.3	0.3	1.1	0.85853	1875.0	17.6	1905.8	10.8	1939.5	11.5	3.3
Spot 290	48	282348.0	1.7	8.5	0.8	5.7	1.2	0.4	1.0	0.78440	1941.1	16.2	1923.9	10.6	1905.4	13.7	-1.9
Spot 291	83	93190.3	2.6	5.4	0.6	13.0	1.3	0.5	1.1	0.88128	2676.3	24.2	2681.7	11.8	2685.7	9.8	0.4
Spot 292	79	623967.3	3.1	7.6	0.6	7.0	1.1	0.4	0.9	0.84252	2115.3	16.4	2109.5	9.6	2103.9	10.2	-0.5
Spot 293	80	23352.5	0.9	8.2	0.5	5.6	0.8	0.3	0.7	0.77990	1883.5	10.7	1917.1	7.3	1953.6	9.4	3.6
Spot 294	88	39092.8	2.0	8.5	0.4	5.5	0.7	0.3	0.6	0.83578	1914.0	10.4	1904.8	6.4	1894.8	7.4	-1.0
Spot 295	60	15397.6	2.8	5.2	0.6	14.1	0.9	0.5	0.7	0.79514	2781.7	16.9	2759.5	8.9	2743.4	9.4	-1.4
Spot 296	67	93509.7	2.6	7.5	0.7	7.2	1.4	0.4	1.2	0.84673	2153.2	21.2	2130.8	12.2	2109.3	12.8	-2.1
Spot 297	127	570803.6	1.3	4.2	0.6	20.2	1.1	0.6	0.9	0.86127	3125.0	23.5	3102.3	10.7	3087.6	8.9	-1.2
Spot 298	48	53038.0	2.8	7.6	0.7	7.0	1.1	0.4	0.8	0.74000	2119.6	14.4	2107.0	9.6	2094.6	12.7	-1.2
Spot 299	97	58064.5	2.9	7.3	0.6	7.4	1.0	0.4	0.9	0.82718	2173.3	15.7	2163.1	9.2	2153.5	10.1	-0.9

Spot 301	44	349684.6	2.0	7.2	0.6	7.6	1.3	0.4	1.1	0.86611	2190.6	20.7	2184.6	11.5	2178.9	11.2	-0.5
Spot 302	51	10073.1	1.8	6.8	1.3	7.8	1.5	0.4	0.7	0.45864	2156.5	12.2	2210.8	13.1	2261.5	22.3	4.6
Spot 303	53	44499.2	1.0	7.4	0.8	7.6	1.3	0.4	1.0	0.78632	2228.4	18.7	2180.8	11.3	2136.4	13.6	-4.3
Spot 304	99	90878.4	2.3	5.5	0.8	12.4	1.3	0.5	1.0	0.77188	2624.7	20.8	2633.2	11.8	2639.6	13.2	0.6
Spot 305	49	1087638.6	1.9	7.7	0.7	6.9	1.0	0.4	0.8	0.74553	2126.0	14.0	2098.4	9.2	2071.4	12.2	-2.6
Spot 306	95	546324.6	2.8	8.6	0.5	5.6	1.0	0.4	0.8	0.84593	1937.6	14.1	1910.4	8.5	1881.0	9.5	-3.0
Spot 307	63	2730034.7	2.2	7.6	0.6	7.1	1.1	0.4	0.9	0.82872	2157.5	17.4	2120.4	10.2	2084.5	11.3	-3.5
Spot 308	103	66840.3	1.4	6.8	0.7	8.5	1.4	0.4	1.2	0.86829	2275.7	23.6	2282.4	12.9	2288.5	12.1	0.6
Spot 309	29	26651.0	2.0	6.7	1.8	8.3	2.1	0.4	1.0	0.50081	2206.7	19.4	2262.0	18.8	2312.4	30.8	4.6
Spot 310	30	138489.9	2.4	7.1	0.7	8.1	1.4	0.4	1.2	0.85224	2287.8	23.0	2244.0	12.7	2204.2	12.8	-3.8
Spot 311	85	127463.0	1.1	7.9	0.6	6.5	1.2	0.4	1.1	0.87874	2053.5	19.1	2042.3	10.9	2030.9	10.4	-1.1
Spot 312	127	33916.5	1.5	8.2	0.5	5.5	1.0	0.3	0.9	0.86401	1843.2	14.1	1897.7	8.7	1957.8	9.2	5.9
Spot 313	90	69530.4	2.5	5.1	0.6	14.4	1.0	0.5	0.8	0.82695	2775.0	18.9	2773.2	9.6	2771.9	9.4	-0.1
Spot 314	116	102764.3	4.7	7.3	0.6	7.6	1.0	0.4	0.8	0.81885	2200.7	14.8	2186.1	8.7	2172.3	9.7	-1.3
Spot 315	110	55917.5	2.5	8.5	0.5	5.5	0.8	0.3	0.7	0.81175	1921.3	11.4	1906.0	7.3	1889.3	8.9	-1.7
Run 1 (discordant)																	
Spot 11	48	91490.3	4.2	7.5	0.8	7.8	1.2	0.4	0.9	0.75436	2266.1	17.2	2204.6	10.7	2147.8	13.7	-5.5
Spot 20	79	78127.7	2.0	7.7	0.5	7.3	0.9	0.4	0.7	0.80372	2198.9	13.4	2145.0	8.0	2093.7	9.4	-5.0
Spot 290	25	34915.6	2.4	8.8	0.8	5.7	1.3	0.4	1.0	0.79035	1998.6	17.9	1931.0	11.4	1859.1	14.6	-7.5
Spot 41	48	112086.1	2.6	8.8	0.6	5.6	1.0	0.4	0.8	0.77982	1960.5	13.6	1915.2	8.9	1866.4	11.7	-5.0
Run 2																	
Spot 1	142	115833.2	1.5	8.4	0.6	5.6	1.3	0.3	1.1	0.87690	1906.2	18.7	1910.1	11.1	1914.3	11.1	0.4
Spot 2	78	56335.3	2.7	5.4	0.5	13.5	1.2	0.5	1.1	0.90729	2767.9	25.0	2713.8	11.6	2673.8	8.5	-3.5
Spot 3	166	68211.0	1.6	8.5	0.7	5.5	1.7	0.3	1.5	0.91304	1908.2	25.1	1904.7	14.3	1901.0	12.2	-0.4
Spot 5	80	17602.8	2.3	7.4	0.4	7.4	0.7	0.4	0.6	0.82779	2171.4	11.2	2159.7	6.6	2148.6	7.2	-1.1
Spot 6	80	1222578.3	2.9	5.5	0.6	13.4	1.3	0.5	1.2	0.88789	2769.6	26.5	2710.2	12.5	2666.2	10.1	-3.9
Spot 7	91	37800.9	1.8	5.6	0.6	11.6	1.2	0.5	1.0	0.86550	2523.8	21.8	2570.0	11.3	2606.7	10.1	3.2
Spot 8	92	44614.7	2.3	8.3	0.6	4.9	1.1	0.3	0.9	0.82717	1675.8	13.5	1798.1	9.3	1943.1	11.1	13.8
Spot 9	87	122205.7	2.4	8.4	0.7	5.7	1.2	0.3	1.0	0.82287	1919.9	16.5	1923.8	10.4	1928.1	12.3	0.4
Spot 10	71	15702.8	1.6	7.7	0.7	6.4	1.0	0.4	0.7	0.71187	1990.6	12.4	2036.1	8.9	2082.5	12.6	4.4
Spot 11	111	14728.3	1.8	5.2	0.4	13.6	0.9	0.5	0.8	0.87674	2690.8	16.7	2722.3	8.2	2745.7	6.9	2.0
Spot 12	74	190142.2	2.2	8.5	0.7	5.7	1.2	0.4	0.9	0.78387	1953.0	15.9	1928.1	10.4	1901.5	13.4	-2.7
Spot 13	64	115907.2	3.3	7.6	0.8	7.2	1.1	0.4	0.8	0.70528	2168.7	14.7	2140.9	10.1	2114.2	14.1	-2.6
Spot 14	100	184651.4	2.3	7.4	0.7	7.2	1.2	0.4	0.9	0.80967	2134.6	17.0	2139.3	10.3	2143.9	11.9	0.4
Spot 15	59	151211.4	1.3	7.3	0.6	7.7	1.1	0.4	0.9	0.82768	2205.7	17.5	2191.5	10.1	2178.2	11.0	-1.3
Spot 16	28	1993352.2	2.5	5.3	0.7	13.0	1.1	0.5	0.8	0.76441	2625.3	18.0	2679.2	10.3	2720.2	11.6	3.5
Spot 17	129	23012.8	1.7	8.1	0.9	5.7	1.4	0.3	1.1	0.78049	1873.7	17.8	1931.0	12.1	1993.2	15.6	6.0
Spot 18	109	88996.3	0.9	7.7	0.5	6.8	1.0	0.4	0.8	0.84241	2082.9	14.7	2084.5	8.7	2086.0	9.3	0.1
Spot 19	111	44186.3	2.4	8.2	0.7	5.6	1.1	0.3	0.9	0.78454	1889.6	14.2	1922.1	9.5	1957.3	12.2	3.5
Spot 20	71	179624.3	2.8	5.4	0.6	13.2	0.9	0.5	0.7	0.78328	2693.7	16.0	2693.2	8.8	2692.8	9.5	0.0
Spot 21	47	22835.7	2.1	5.5	0.6	12.8	1.0	0.5	0.8	0.82776	2681.2	17.9	2667.6	9.3	2657.4	9.2	-0.9
Spot 22	81	18540.2	1.1	8.1	1.1	5.3	1.4	0.3	0.8	0.56034	1788.6	12.1	1874.7	11.8	1971.5	20.4	9.3
Spot 23	91	21713.3	3.3	7.2	0.6	7.4	1.1	0.4	0.9	0.84557	2126.7	16.3	2163.2	9.5	2197.9	9.9	3.2

Spot 24	92	69578.7	2.7	8.4	0.7	5.6	1.1	0.3	0.9	0.78281	1907.7	14.5	1915.4	9.7	1923.7	12.5	0.8
Spot 26	117	9603.0	2.0	6.3	1.5	9.1	1.8	0.4	1.0	0.56415	2283.4	19.3	2352.8	16.3	2413.6	25.0	5.4
Spot 27	107	20460.8	1.9	8.1	0.8	5.9	1.1	0.3	0.7	0.67096	1922.8	11.9	1955.6	9.3	1990.6	14.1	3.4
Spot 28	168	94904.0	2.6	7.1	0.7	7.8	1.3	0.4	1.2	0.86219	2197.2	21.5	2206.9	12.0	2215.9	11.8	0.8
Spot 29	115	50944.2	2.2	8.4	0.6	5.6	1.2	0.3	1.0	0.83013	1908.8	16.0	1911.6	10.0	1914.6	11.7	0.3
Spot 30	120	596954.4	2.0	7.2	0.5	7.8	1.0	0.4	0.9	0.84496	2217.6	16.0	2208.5	9.1	2200.2	9.4	-0.8
Spot 31	120	20353.7	2.2	7.1	0.7	7.6	1.9	0.4	1.8	0.92523	2159.2	32.8	2184.0	17.3	2207.4	12.7	2.2
Spot 32	82	64820.8	2.5	7.5	0.4	7.3	1.0	0.4	0.9	0.89378	2176.5	16.1	2150.3	8.7	2125.3	7.7	-2.4
Spot 34	100	30765.8	1.9	8.2	0.8	5.6	1.3	0.3	1.1	0.80416	1875.2	17.4	1921.6	11.5	1971.9	14.1	4.9
Spot 35	65	121370.8	1.1	5.4	0.5	12.9	0.9	0.5	0.7	0.78849	2664.9	15.0	2675.1	8.2	2682.9	8.9	0.7
Spot 36	56	120369.1	1.8	5.7	0.6	12.1	1.3	0.5	1.2	0.88350	2632.0	25.2	2612.7	12.4	2597.7	10.3	-1.3
Spot 37	102	170002.2	2.2	5.4	0.3	13.2	0.7	0.5	0.6	0.88204	2732.6	14.5	2696.7	7.0	2669.9	5.7	-2.4
Spot 38	50	111264.7	2.2	7.1	0.8	7.8	1.5	0.4	1.2	0.83401	2211.3	22.8	2210.1	13.1	2209.1	14.0	-0.1
Spot 39	69	97383.4	2.7	7.1	0.8	8.0	1.1	0.4	0.7	0.65888	2250.8	13.2	2232.1	9.5	2215.1	13.7	-1.6
Spot 40	121	39290.1	1.1	8.4	0.6	5.6	1.0	0.3	0.8	0.76466	1910.0	12.4	1912.0	8.5	1914.1	11.4	0.2
Spot 42	149	97091.7	2.2	8.5	0.6	5.5	1.2	0.3	1.0	0.86934	1891.7	16.5	1895.6	9.9	1899.9	10.3	0.4
Spot 43	91	58948.4	2.2	8.6	0.6	5.5	1.2	0.3	1.1	0.88037	1931.9	18.2	1903.2	10.6	1872.1	10.6	-3.2
Spot 44	75	1133305.5	2.2	8.4	0.5	5.7	1.1	0.4	1.0	0.91100	1956.9	16.9	1936.8	9.5	1915.3	8.2	-2.2
Spot 45	74	105735.8	2.1	7.6	0.5	7.2	1.1	0.4	1.0	0.88225	2161.3	18.1	2131.8	10.0	2103.5	9.3	-2.7
Spot 46	76	109310.5	2.6	5.4	0.6	13.2	1.2	0.5	1.1	0.87145	2711.9	23.3	2695.4	11.4	2682.9	9.8	-1.1
Spot 47	131	94988.5	1.5	7.2	0.6	7.7	1.0	0.4	0.9	0.84131	2202.8	16.2	2202.4	9.3	2201.9	9.7	0.0
Spot 48	91	250557.6	2.5	5.5	0.6	13.3	0.9	0.5	0.7	0.80300	2743.0	16.8	2697.9	8.8	2664.3	9.2	-3.0
Spot 50	52	221999.8	1.7	6.9	0.8	8.3	1.5	0.4	1.3	0.84714	2270.3	24.7	2265.9	13.8	2261.8	14.0	-0.4
Spot 51	111	235994.3	3.1	6.2	0.4	10.4	1.1	0.5	1.0	0.91802	2500.6	21.0	2470.0	10.2	2444.8	7.4	-2.3
Spot 52	126	166780.1	3.6	8.5	0.7	5.4	1.3	0.3	1.1	0.85775	1871.1	17.9	1880.8	11.0	1891.5	11.9	1.1
Spot 53	92	836543.2	2.6	8.5	0.7	5.4	1.2	0.3	1.0	0.83111	1893.4	16.3	1891.3	10.2	1888.9	11.9	-0.2
Spot 54	51	3154480.4	1.7	6.9	0.7	8.3	1.1	0.4	0.8	0.75049	2273.9	15.6	2264.7	9.8	2256.4	12.4	-0.8
Spot 55	100	1870801.7	0.9	7.3	0.6	7.4	1.1	0.4	0.9	0.81826	2160.6	16.4	2160.1	9.8	2159.7	11.0	0.0
Spot 56	91	102978.4	1.5	7.2	0.7	7.7	1.2	0.4	0.9	0.78935	2209.5	17.1	2194.0	10.4	2179.5	12.4	-1.4
Spot 57	110	431116.9	2.5	8.4	0.6	5.7	1.4	0.4	1.2	0.89404	1935.5	20.3	1930.1	11.8	1924.3	10.9	-0.6
Spot 58	69	267616.0	3.1	5.5	0.5	12.8	0.9	0.5	0.7	0.80989	2669.4	16.3	2663.5	8.7	2659.0	9.0	-0.4
Spot 59	114	715187.0	2.6	4.6	0.7	16.9	1.2	0.6	1.0	0.82990	2930.7	23.0	2931.8	11.3	2932.6	10.6	0.1
Spot 60	72	3754523.2	1.9	7.7	0.5	6.9	1.1	0.4	1.0	0.88258	2124.2	18.3	2103.0	10.2	2082.3	9.5	-2.0
Spot 61	76	71735.9	2.6	5.3	0.6	13.5	1.1	0.5	0.9	0.83614	2729.4	19.6	2717.0	10.0	2707.8	9.5	-0.8
Spot 62	72	114036.8	2.5	8.2	0.8	6.2	1.4	0.4	1.2	0.83945	2030.1	20.8	1998.3	12.4	1965.6	13.8	-3.3
Spot 63	99	55943.0	1.0	8.3	0.7	5.5	1.0	0.3	0.8	0.74757	1858.4	12.6	1897.4	8.9	1940.2	12.4	4.2
Spot 64	75	48460.2	1.4	8.3	0.7	5.8	1.2	0.4	1.0	0.82605	1966.7	17.4	1952.0	10.8	1936.5	12.5	-1.6
Spot 65	100	240113.1	2.8	8.6	0.6	5.4	1.0	0.3	0.8	0.81490	1880.0	13.6	1881.1	8.7	1882.3	10.6	0.1
Spot 66	101	58618.0	4.5	7.5	0.6	7.4	1.1	0.4	0.9	0.85037	2197.0	17.6	2159.3	9.9	2123.6	10.2	-3.5
Spot 67	134	13251.9	1.5	7.8	0.6	6.0	1.0	0.3	0.7	0.75798	1928.2	12.2	1975.8	8.4	2025.9	11.1	4.8
Spot 68	69	50984.8	1.2	7.5	0.8	7.0	1.3	0.4	1.0	0.79527	2091.8	18.7	2105.7	11.7	2119.2	14.0	1.3
Spot 69	71	1369321.2	2.4	7.7	0.6	6.9	1.2	0.4	1.1	0.86857	2125.9	19.5	2102.0	11.0	2078.6	10.8	-2.3
Spot 70	80	52259.8	2.2	8.5	0.6	5.5	1.1	0.3	1.0	0.82889	1905.5	15.7	1896.2	9.9	1886.1	11.6	-1.0

Spot 72	108	554826.9	1.5	4.2	0.5	20.5	1.1	0.6	0.9	0.86662	3127.3	23.2	3114.6	10.5	3106.4	8.6	-0.7
Spot 73	122	107599.4	2.4	8.4	0.6	5.6	1.2	0.3	1.1	0.87362	1915.1	17.8	1913.7	10.6	1912.1	10.7	-0.2
Spot 74	90	36094.7	1.5	8.4	0.5	5.8	1.0	0.4	0.8	0.83752	1964.9	13.9	1945.7	8.5	1925.3	9.6	-2.1
Spot 75	88	53566.6	2.9	7.1	0.5	7.9	1.1	0.4	1.0	0.88723	2243.7	18.9	2224.4	10.2	2206.6	9.0	-1.7
Spot 76	146	19254.4	3.8	8.0	0.6	5.8	1.0	0.3	0.8	0.78740	1911.7	13.2	1953.8	8.8	1998.7	11.1	4.4
Spot 77	87	103553.5	1.2	7.4	0.7	7.4	1.2	0.4	1.0	0.82586	2170.5	17.7	2158.1	10.4	2146.3	11.5	-1.1
Spot 78	207	126722.9	3.1	7.4	0.4	7.1	0.9	0.4	0.8	0.90092	2122.0	14.2	2129.8	7.8	2137.3	6.6	0.7
Spot 80	120	33709.2	2.4	5.5	0.5	12.5	1.1	0.5	1.0	0.91086	2622.2	21.9	2639.5	10.5	2652.8	7.6	1.2
Spot 81	142	107177.0	2.5	8.5	0.5	5.5	1.0	0.3	0.8	0.83627	1901.8	13.4	1898.2	8.3	1894.2	9.6	-0.4
Spot 82	118	23287.2	1.3	8.2	1.0	5.7	1.3	0.3	0.9	0.69935	1888.8	15.4	1925.6	11.6	1965.4	17.2	3.9
Spot 83	68	96689.6	2.1	8.5	0.7	5.6	1.1	0.4	0.8	0.72306	1949.0	12.9	1922.8	9.1	1894.5	13.2	-2.9
Spot 84	136	104338.2	2.0	7.4	0.6	7.3	1.0	0.4	0.9	0.83701	2171.1	15.7	2151.9	9.1	2133.6	9.7	-1.8
Spot 85	81	154720.7	0.9	5.2	0.6	13.7	1.0	0.5	0.8	0.76957	2736.0	16.9	2730.2	9.3	2725.9	10.4	-0.4
Spot 86	70	137528.0	2.0	7.5	0.7	7.2	1.1	0.4	0.9	0.79642	2152.8	15.8	2133.9	9.6	2115.8	11.5	-1.7
Spot 87	78	201202.6	1.9	8.6	0.6	5.4	1.2	0.3	1.0	0.85196	1891.5	16.2	1887.5	9.9	1883.0	10.9	-0.5
Spot 88	113	92438.5	2.3	8.5	0.5	5.5	1.1	0.3	0.9	0.86788	1896.3	15.4	1893.4	9.3	1890.2	9.7	-0.3
Spot 89	82	668086.7	2.4	5.6	0.6	12.3	1.1	0.5	0.9	0.83206	2628.0	20.5	2628.7	10.7	2629.3	10.5	0.0
Spot 90	78	216451.9	0.9	7.6	0.7	7.1	1.2	0.4	1.0	0.81351	2152.2	17.9	2127.8	10.7	2104.2	12.2	-2.3
Spot 91	97	120036.7	2.5	7.2	0.4	7.8	0.7	0.4	0.5	0.79746	2217.5	10.1	2207.1	6.1	2197.5	7.1	-0.9
Spot 92	79	118644.2	2.9	7.5	0.6	7.2	1.0	0.4	0.8	0.76560	2141.9	14.0	2131.0	8.9	2120.5	11.3	-1.0
Spot 93	141	229277.5	1.9	8.0	0.7	6.0	1.2	0.4	1.0	0.84687	1962.9	17.7	1982.1	10.8	2002.1	11.7	2.0
Spot 94	89	51994.4	2.3	8.4	0.6	5.7	1.0	0.3	0.9	0.82197	1930.0	14.3	1924.1	9.0	1917.8	10.7	-0.6
Spot 95	67	94143.8	2.8	8.5	0.7	5.5	1.2	0.3	1.0	0.83475	1914.6	17.2	1905.7	10.7	1895.9	12.3	-1.0
Spot 96	117	90538.7	3.6	7.2	0.5	7.8	1.0	0.4	0.8	0.83779	2232.8	15.6	2213.8	8.9	2196.2	9.4	-1.7
Spot 97	132	117874.8	3.0	8.6	0.5	5.7	1.2	0.4	1.1	0.89987	1961.9	18.7	1927.3	10.6	1890.1	9.6	-3.8
Spot 98	104	164648.1	2.5	7.4	0.6	7.4	1.2	0.4	1.0	0.83324	2169.4	18.0	2155.4	10.5	2142.0	11.3	-1.3
Spot 99	58	48182.5	1.9	8.3	0.6	5.8	0.9	0.4	0.7	0.77329	1944.9	12.3	1942.5	8.2	1940.0	10.7	-0.3
Spot 100	108	35729.2	2.0	8.3	0.6	5.6	1.0	0.3	0.9	0.83290	1895.9	14.0	1912.2	8.8	1929.8	10.2	1.8
Spot 101	82	23713.2	2.2	8.0	0.8	6.0	1.1	0.4	0.8	0.72417	1963.9	13.8	1980.8	9.8	1998.5	13.8	1.7
Spot 102	117	156717.0	2.5	7.7	0.6	6.8	1.2	0.4	1.1	0.86219	2095.1	19.1	2089.9	11.0	2084.7	11.0	-0.5
Spot 103	101	825751.1	2.0	7.6	0.7	7.1	1.1	0.4	0.8	0.73762	2138.5	14.6	2121.4	9.7	2104.9	12.9	-1.6
Spot 104	131	116959.8	2.5	5.4	0.5	12.9	1.1	0.5	1.0	0.89233	2676.8	22.4	2672.9	10.8	2670.0	8.6	-0.3
Spot 105	87	18530.4	3.3	5.4	0.7	12.8	1.2	0.5	1.0	0.80764	2669.0	22.0	2667.8	11.7	2666.8	12.2	-0.1
Spot 107	15	17247.6	3.0	7.4	1.0	7.4	1.5	0.4	1.1	0.75581	2185.2	21.2	2162.5	13.6	2141.0	17.3	-2.1
Spot 108	86	245022.8	2.5	5.4	0.6	13.4	1.1	0.5	0.9	0.82793	2743.3	19.9	2707.0	10.2	2679.9	10.0	-2.4
Spot 109	80	30837.0	1.5	7.2	0.6	7.7	1.0	0.4	0.8	0.79591	2194.3	14.6	2197.2	8.8	2200.0	10.4	0.3
Spot 110	110	74510.3	2.4	8.5	0.6	5.5	1.0	0.3	0.8	0.82495	1921.3	13.5	1907.8	8.5	1893.1	10.0	-1.5
Spot 111	52	53873.0	1.2	8.3	0.6	5.8	1.1	0.4	0.9	0.82460	1956.4	15.9	1949.2	9.9	1941.6	11.5	-0.8
Spot 112	91	273112.6	1.5	8.2	0.7	6.0	1.2	0.4	1.0	0.81048	1985.2	16.8	1971.1	10.5	1956.3	12.7	-1.5
Spot 113	114	39060.5	2.3	8.1	0.8	6.1	1.3	0.4	1.1	0.81048	1991.7	18.3	1985.0	11.5	1978.0	13.7	-0.7
Spot 114	87	142675.8	2.1	5.5	0.5	12.9	0.9	0.5	0.7	0.82842	2696.3	16.2	2675.4	8.4	2659.7	8.2	-1.4
Spot 115	35	96388.3	1.3	4.4	0.5	18.5	1.2	0.6	1.1	0.89712	3029.1	26.2	3018.1	11.6	3010.7	8.6	-0.6
Spot 116	88	95327.8	1.8	5.5	0.6	12.7	1.0	0.5	0.8	0.81394	2664.9	17.1	2659.9	9.0	2656.0	9.3	-0.3

Spot 117	169	65174.4	1.6	5.4	0.4	12.7	1.0	0.5	0.9	0.91365	2627.4	19.4	2654.8	9.2	2675.8	6.6	1.8
Spot 118	80	317389.8	2.4	5.4	0.6	12.8	1.2	0.5	1.0	0.87087	2659.4	22.5	2664.5	11.2	2668.4	9.6	0.3
Spot 119	128	75365.5	2.2	5.5	0.6	12.5	1.0	0.5	0.8	0.81745	2631.8	17.9	2644.1	9.5	2653.5	9.7	0.8
Spot 120	101	632519.9	2.1	8.4	0.6	5.7	1.1	0.4	0.9	0.83044	1951.8	14.8	1936.0	9.2	1919.2	10.6	-1.7
Spot 121	58	59527.5	1.1	8.1	0.7	6.4	1.3	0.4	1.1	0.85752	2071.3	20.0	2032.8	11.6	1993.9	12.1	-3.9
Spot 122	82	104639.6	6.0	3.7	0.6	24.9	1.1	0.7	1.0	0.85355	3361.2	25.3	3303.9	11.0	3269.3	9.3	-2.8
Spot 123	100	103716.3	2.0	8.5	0.6	5.4	1.2	0.3	1.1	0.87212	1884.1	17.6	1888.6	10.6	1893.7	10.9	0.5
Spot 124	82	7206.1	1.5	7.4	1.3	6.5	1.5	0.4	0.7	0.48256	1958.5	11.9	2043.7	12.9	2130.9	22.4	8.1
Spot 125	105	68957.0	2.5	7.3	0.7	7.5	1.3	0.4	1.2	0.85935	2174.8	21.3	2176.6	12.0	2178.3	11.9	0.2
Spot 126	62	50764.1	1.9	7.2	0.7	7.7	1.0	0.4	0.7	0.70734	2195.8	13.3	2192.2	9.1	2188.7	12.4	-0.3
Spot 127	159	25540.5	2.3	7.3	0.6	6.9	1.0	0.4	0.8	0.81036	2047.5	14.4	2105.0	9.0	2161.7	10.3	5.3
Spot 128	82	105979.4	2.2	7.4	0.6	7.3	1.1	0.4	0.9	0.83216	2163.2	16.2	2146.8	9.5	2131.2	10.3	-1.5
Spot 130	90	53027.7	3.3	7.6	0.6	7.1	0.9	0.4	0.7	0.74660	2135.1	12.1	2119.3	7.9	2104.1	10.4	-1.5
Spot 131	66	96514.4	2.6	5.4	0.7	13.3	1.1	0.5	0.9	0.79596	2723.2	19.7	2697.9	10.5	2679.1	11.1	-1.6
Spot 132	27	61704.2	3.0	6.9	0.7	8.3	1.5	0.4	1.3	0.87831	2281.0	25.5	2265.0	13.7	2250.5	12.5	-1.4
Spot 133	72	85905.4	0.5	5.4	0.6	13.0	1.2	0.5	1.0	0.86040	2663.0	21.7	2677.9	10.9	2689.2	9.7	1.0
Spot 134	32	12042.8	3.3	6.7	0.8	8.3	1.1	0.4	0.8	0.68769	2233.6	14.5	2266.8	10.1	2296.9	13.9	2.8
Spot 135	50	409674.6	2.2	5.4	0.6	13.7	1.1	0.5	0.9	0.81731	2804.4	20.2	2732.5	10.3	2679.8	10.4	-4.6
Spot 136	103	105419.1	1.1	8.5	0.4	5.3	0.9	0.3	0.8	0.88124	1857.8	12.4	1872.6	7.4	1889.1	7.4	1.7
Spot 137	52	63575.7	4.3	7.4	0.6	7.4	1.4	0.4	1.2	0.89849	2177.6	22.8	2156.4	12.3	2136.2	10.5	-1.9
Spot 138	40	290285.6	2.2	7.9	0.6	6.5	1.2	0.4	1.0	0.84179	2072.5	17.7	2051.8	10.5	2031.1	11.3	-2.0
Spot 140	35	218637.2	2.5	6.9	0.5	8.5	1.1	0.4	0.9	0.86338	2302.8	17.9	2288.7	9.7	2276.1	9.3	-1.2
Spot 142	112	386328.5	2.6	5.4	0.5	13.1	1.0	0.5	0.9	0.86365	2712.8	20.0	2688.0	9.9	2669.4	8.7	-1.6
Spot 143	99	100195.8	3.0	5.5	0.5	12.9	1.0	0.5	0.9	0.87228	2697.1	20.1	2671.0	9.9	2651.4	8.5	-1.7
Spot 144	130	465660.7	2.5	4.9	0.5	15.4	1.2	0.6	1.0	0.88347	2838.3	23.6	2838.9	11.1	2839.3	8.9	0.0
Spot 145	104	91858.9	1.6	8.7	0.8	5.4	1.3	0.3	1.0	0.79044	1914.5	17.0	1888.0	11.1	1859.0	14.3	-3.0
Spot 146	92	47065.3	3.3	5.4	0.6	13.3	1.1	0.5	0.9	0.81576	2717.1	19.8	2698.8	10.3	2685.1	10.4	-1.2
Spot 147	92	23692.6	1.7	8.1	1.0	5.7	1.5	0.3	1.1	0.75484	1887.0	18.0	1926.7	12.6	1969.6	17.1	4.2
Spot 148	109	148299.1	2.2	8.4	0.7	5.6	1.1	0.3	0.9	0.78613	1932.5	14.9	1922.8	9.8	1912.2	12.6	-1.1
Spot 149	149	85482.0	2.5	8.4	0.7	5.6	1.2	0.3	1.0	0.82686	1910.6	16.7	1914.0	10.5	1917.8	12.4	0.4
Spot 150	64	212578.0	2.0	4.6	0.7	17.3	1.3	0.6	1.1	0.84805	2986.8	25.7	2951.6	12.2	2927.8	10.9	-2.0
Spot 151	123	12377.0	2.0	7.8	0.7	6.2	1.0	0.4	0.8	0.75776	1991.4	13.4	2010.8	9.0	2030.7	11.9	1.9
Spot 152	74	112663.9	1.5	7.4	0.4	7.5	0.7	0.4	0.6	0.82522	2191.4	10.9	2169.0	6.4	2147.8	7.0	-2.0
Spot 153	72	56550.8	2.4	5.4	0.5	12.7	0.9	0.5	0.7	0.81925	2639.4	15.2	2654.5	8.1	2666.0	8.1	1.0
Spot 154	81	167698.9	2.6	5.4	0.6	13.0	1.1	0.5	1.0	0.85703	2677.9	20.9	2676.6	10.5	2675.5	9.5	-0.1
Spot 155	163	10827.8	1.5	7.6	1.3	5.8	1.8	0.3	1.2	0.67726	1826.3	19.0	1950.3	15.2	2084.7	22.8	12.4
Spot 156	14	21666.9	3.2	7.0	0.9	7.5	1.4	0.4	1.0	0.74558	2112.5	18.3	2168.2	12.2	2221.3	15.7	4.9
Spot 157	58	27775.2	1.9	7.4	0.6	7.3	1.0	0.4	0.8	0.81289	2180.4	15.1	2153.9	9.0	2128.7	10.2	-2.4
Spot 158	105	77233.9	2.1	7.6	0.6	6.9	1.0	0.4	0.9	0.84203	2115.7	15.7	2104.2	9.2	2092.9	9.8	-1.1
Spot 159	23	426049.0	1.7	7.5	0.8	7.0	1.3	0.4	1.1	0.79313	2112.6	19.3	2112.6	12.0	2112.6	14.4	0.0
Spot 160	232	380405.8	1.5	7.7	0.6	6.5	1.1	0.4	0.9	0.85521	2038.2	16.3	2048.1	9.6	2058.1	10.0	1.0
Spot 161	95	705445.8	1.8	8.6	0.6	5.6	1.2	0.4	1.0	0.85763	1942.6	16.7	1910.6	10.0	1876.1	10.8	-3.5
Spot 162	64	108704.7	2.5	5.5	0.7	12.8	1.1	0.5	0.9	0.82206	2675.9	20.7	2664.7	10.8	2656.2	10.9	-0.7

Spot 163	64	286959.7	2.5	5.1	0.5	14.5	1.0	0.5	0.9	0.88057	2815.3	19.8	2783.4	9.4	2760.4	7.7	-2.0
Spot 164	78	24425.5	1.4	8.1	0.7	6.0	1.0	0.4	0.7	0.74417	1987.4	12.8	1978.0	8.7	1968.2	11.9	-1.0
Spot 165	166	184712.4	1.8	5.1	0.3	14.0	0.7	0.5	0.6	0.89695	2729.6	13.9	2747.2	6.6	2760.2	5.1	1.1
Spot 167	119	589398.6	2.3	4.7	0.6	17.0	1.2	0.6	1.0	0.84968	2964.3	23.4	2935.4	11.1	2915.6	9.9	-1.7
Spot 168	169	64781.9	1.9	5.4	0.5	12.7	0.9	0.5	0.7	0.84327	2631.1	16.0	2654.6	8.3	2672.5	7.8	1.5
Spot 169	144	846126.2	2.1	5.4	0.5	12.9	1.1	0.5	1.0	0.90320	2664.1	22.2	2670.4	10.6	2675.2	8.0	0.4
Spot 170	153	117533.9	3.4	5.3	0.5	13.3	1.1	0.5	1.0	0.89430	2718.3	21.7	2703.3	10.3	2692.1	8.1	-1.0
Spot 172	73	110122.9	2.9	5.5	0.5	13.0	1.0	0.5	0.9	0.88737	2714.0	20.1	2681.4	9.6	2656.9	7.8	-2.1
Spot 173	49	297448.4	2.5	7.5	0.5	7.1	1.0	0.4	0.9	0.84956	2131.8	15.7	2119.3	9.0	2107.2	9.4	-1.2
Spot 174	123	1505628.3	2.8	5.4	0.5	13.2	1.1	0.5	1.0	0.90651	2697.5	21.3	2693.7	10.1	2690.8	7.4	-0.2
Spot 175	81	13816.8	2.2	7.1	1.2	7.5	1.5	0.4	0.9	0.60479	2146.0	16.2	2168.6	13.1	2190.0	20.3	2.0
Spot 176	98	208804.6	2.2	8.4	0.6	5.6	1.1	0.3	0.9	0.84808	1927.2	15.7	1920.6	9.6	1913.5	10.5	-0.7
Spot 177	69	1101471.5	2.9	5.4	0.7	13.2	1.2	0.5	1.0	0.84475	2719.8	22.8	2692.3	11.5	2671.7	10.8	-1.8
Spot 178	80	1258721.8	1.4	8.5	0.7	5.4	1.2	0.3	0.9	0.80250	1865.5	15.1	1879.6	9.9	1895.2	12.5	1.6
Spot 179	70	450329.1	1.7	5.4	0.5	13.4	0.9	0.5	0.7	0.77742	2746.5	14.8	2707.5	8.1	2678.5	8.9	-2.5
Spot 180	91	191666.7	3.5	7.2	0.6	7.8	1.2	0.4	1.1	0.85839	2226.1	20.2	2203.3	11.2	2182.2	11.1	-2.0
Spot 181	65	11383.4	1.5	7.6	1.3	6.2	1.4	0.3	0.6	0.41586	1924.4	9.7	2005.3	12.3	2089.7	22.5	7.9
Spot 182	92	90207.0	3.2	7.5	0.7	6.2	1.3	0.3	1.1	0.85090	1906.5	17.6	2007.9	11.0	2113.7	11.6	9.8
Spot 183	65	103954.4	2.2	5.4	0.6	13.2	1.1	0.5	0.9	0.82632	2718.5	20.7	2697.3	10.7	2681.4	10.5	-1.4
Spot 184	130	15743.2	1.3	6.6	0.7	8.1	1.3	0.4	1.0	0.81355	2146.1	18.8	2244.6	11.5	2335.7	12.6	8.1
Spot 185	83	5436801.1	2.9	5.5	0.6	13.1	1.1	0.5	0.9	0.84761	2720.0	19.8	2685.1	9.9	2659.0	9.2	-2.3
Spot 186	67	100763.8	3.3	7.2	0.5	7.7	1.0	0.4	0.9	0.86880	2216.1	16.8	2201.5	9.3	2187.9	8.9	-1.3
Spot 187	128	198008.5	4.0	7.8	0.5	6.8	1.1	0.4	0.9	0.88258	2114.3	16.9	2085.5	9.4	2057.2	8.8	-2.8
Spot 188	107	68455.5	1.7	8.0	0.6	6.1	1.0	0.4	0.8	0.78979	1972.2	13.5	1986.5	8.8	2001.4	10.9	1.5
Spot 189	102	72973.1	2.0	5.4	0.5	13.0	0.8	0.5	0.7	0.78112	2688.0	14.5	2678.0	8.0	2670.6	8.8	-0.7
Spot 190	70	24996.7	3.4	7.3	0.4	7.4	0.8	0.4	0.6	0.83754	2152.1	11.7	2162.3	6.8	2171.9	7.3	0.9
Spot 191	111	100007.8	2.9	7.3	0.7	7.5	1.1	0.4	0.9	0.82088	2167.7	17.3	2168.0	10.3	2168.2	11.4	0.0
Spot 192	51	86224.1	1.6	7.6	0.6	7.1	1.0	0.4	0.8	0.78002	2147.2	13.8	2125.7	8.6	2104.9	10.6	-2.0
Spot 193	92	228733.5	2.5	5.4	0.5	13.1	0.9	0.5	0.8	0.86977	2715.5	17.8	2687.1	8.7	2665.8	7.5	-1.9
Spot 194	117	120784.0	2.9	5.5	0.5	13.0	1.0	0.5	0.9	0.86699	2715.7	19.7	2682.9	9.7	2658.2	8.5	-2.2
Spot 196	89	19671.2	2.5	7.1	0.4	7.4	0.9	0.4	0.8	0.88280	2129.5	14.7	2163.8	8.2	2196.4	7.5	3.0
Spot 197	105	27792.5	3.2	6.9	0.6	7.9	0.9	0.4	0.7	0.75698	2177.6	13.2	2220.8	8.5	2260.9	10.7	3.7
Spot 198	93	10995.4	1.4	5.1	0.6	14.8	1.0	0.6	0.8	0.82097	2845.7	18.5	2802.7	9.3	2772.0	9.2	-2.7
Spot 199	96	17369.2	1.5	7.2	0.7	7.0	1.1	0.4	0.8	0.78387	2046.2	14.4	2116.8	9.3	2186.1	11.4	6.4
Spot 200	189	233652.5	2.7	7.5	0.6	7.0	1.0	0.4	0.8	0.78393	2113.2	14.3	2115.6	9.0	2118.0	11.0	0.2
Spot 201	129	9049.6	2.0	6.9	4.6	6.6	4.8	0.3	1.5	0.31470	1888.3	24.9	2064.4	42.7	2245.1	79.3	15.9
Spot 202	96	10473.7	1.5	7.6	0.7	6.2	1.0	0.4	0.8	0.78217	1940.3	13.7	2008.5	9.2	2079.3	11.5	6.7
Spot 203	38	24699.6	1.2	7.6	0.7	6.7	1.4	0.4	1.2	0.86669	2059.4	21.2	2068.7	12.3	2078.1	12.2	0.9
Spot 204	132	84599.2	1.8	7.1	0.5	7.9	0.8	0.4	0.6	0.77706	2225.3	11.9	2223.9	7.4	2222.5	8.9	-0.1
Spot 205	76	28712.2	1.7	8.0	0.8	6.0	1.2	0.4	0.9	0.74946	1957.2	15.5	1977.5	10.7	1998.8	14.4	2.1
Spot 206	43	100719.2	3.7	5.2	0.6	13.6	1.1	0.5	0.9	0.83527	2700.1	20.0	2721.0	10.2	2736.6	9.8	1.3
Spot 207	153	46403.1	6.5	7.5	0.5	6.8	1.1	0.4	0.9	0.88780	2075.9	16.7	2090.9	9.4	2105.7	8.5	1.4
Spot 209	65	110181.8	1.6	7.4	0.6	7.2	1.1	0.4	0.9	0.81025	2118.4	15.6	2133.5	9.5	2148.1	10.9	1.4

Spot 210	48	99789.6	2.5	8.6	0.6	5.5	1.0	0.3	0.7	0.74662	1906.3	12.0	1893.8	8.3	1880.1	11.7	-1.4
Spot 211	132	32454.1	1.5	8.3	0.8	5.5	1.3	0.3	1.1	0.79940	1865.2	17.2	1897.1	11.4	1932.2	14.3	3.5
Spot 212	118	101189.8	2.4	5.5	0.5	12.9	1.1	0.5	1.0	0.87939	2693.0	21.4	2672.3	10.4	2656.7	8.7	-1.4
Spot 213	133	416265.2	1.5	7.2	0.6	7.9	1.0	0.4	0.9	0.84818	2255.0	16.8	2216.0	9.4	2180.0	9.6	-3.4
Spot 214	86	86698.5	1.4	7.9	0.6	6.6	1.0	0.4	0.9	0.81713	2091.5	15.2	2054.9	9.2	2018.5	10.7	-3.6
Spot 215	42	97859.0	4.2	7.5	0.6	7.4	1.0	0.4	0.8	0.81236	2210.2	15.8	2164.0	9.3	2120.4	10.6	-4.2
Spot 216	84	104188.2	2.2	7.7	0.6	6.9	1.0	0.4	0.8	0.82180	2118.3	15.2	2095.0	9.1	2072.2	10.3	-2.2
Spot 217	80	1442695.4	2.0	7.9	0.6	6.5	1.1	0.4	0.9	0.83303	2069.4	16.4	2051.9	9.8	2034.3	10.9	-1.7
Spot 218	81	108126.7	1.6	8.5	0.7	5.5	1.2	0.3	1.0	0.81988	1905.6	16.4	1901.4	10.4	1896.7	12.5	-0.5
Spot 219	122	64852.4	2.0	5.4	0.6	12.8	1.1	0.5	0.9	0.84140	2658.2	19.7	2663.1	10.1	2666.8	9.6	0.3
Spot 220	87	27355.3	2.5	5.3	0.7	13.3	1.1	0.5	0.9	0.77066	2681.9	19.2	2698.1	10.7	2710.2	11.9	1.0
Spot 221	129	29508.1	2.4	7.9	0.7	6.1	1.3	0.4	1.0	0.81539	1964.1	17.6	1990.0	11.1	2017.0	13.1	2.6
Spot 222	63	3953047.6	2.0	5.3	0.5	13.8	1.1	0.5	1.0	0.89693	2760.1	22.2	2735.9	10.5	2718.1	8.1	-1.5
Spot 223	80	22988.9	1.7	6.9	0.6	8.0	1.0	0.4	0.8	0.80562	2194.9	15.1	2233.0	9.1	2268.0	10.3	3.2
Spot 224	141	126050.8	2.3	5.5	0.5	12.7	1.1	0.5	1.0	0.87844	2660.8	21.0	2657.5	10.3	2655.0	8.7	-0.2
Spot 225	115	300828.8	2.1	7.2	0.7	7.6	1.3	0.4	1.1	0.82705	2184.7	20.1	2185.5	11.8	2186.2	12.8	0.1
Spot 226	85	301128.3	2.0	5.3	0.5	13.6	1.0	0.5	0.9	0.88045	2740.9	20.0	2725.0	9.6	2713.2	7.9	-1.0
Spot 227	22	67724.8	1.2	5.4	0.5	12.5	1.0	0.5	0.9	0.84781	2591.4	18.6	2644.4	9.7	2685.3	9.0	3.5
Spot 228	103	23422.8	1.4	3.0	0.5	32.3	1.0	0.7	0.8	0.84034	3505.9	22.2	3559.3	9.6	3589.5	8.1	2.3
Spot 229	123	92245.3	1.6	7.2	0.6	7.5	1.3	0.4	1.1	0.88867	2169.0	21.1	2178.5	11.6	2187.3	10.3	0.8
Spot 230	52	98528.4	1.6	7.6	0.7	7.0	1.2	0.4	1.0	0.81212	2150.7	18.0	2117.4	10.8	2085.2	12.5	-3.1
Spot 231	127	277841.2	2.5	5.6	0.7	12.2	1.1	0.5	0.8	0.77253	2612.8	17.8	2619.4	10.1	2624.5	11.4	0.4
Spot 232	120	11629.1	2.0	7.6	0.9	6.2	1.2	0.3	0.8	0.64266	1927.6	13.3	2001.3	10.8	2078.3	16.7	7.3
Spot 233	138	7769539.0	3.3	8.5	0.7	5.5	1.1	0.3	0.8	0.77562	1909.2	13.5	1906.4	9.1	1903.3	11.9	-0.3
Spot 234	77	6770.2	2.1	6.6	0.6	7.9	1.0	0.4	0.7	0.76549	2106.8	13.4	2214.2	8.8	2315.1	10.7	9.0
Spot 235	45	28413.5	1.2	5.1	0.7	14.3	1.1	0.5	0.8	0.76654	2777.6	19.1	2771.8	10.5	2767.6	11.6	-0.4
Spot 236	23	19367.6	0.8	7.8	0.7	6.5	1.2	0.4	1.0	0.83072	2045.8	17.3	2039.2	10.5	2032.6	11.7	-0.6
Spot 237	20	31229.9	3.1	7.6	0.7	7.1	1.1	0.4	0.8	0.77095	2141.7	15.3	2121.0	9.7	2101.0	12.1	-1.9
Spot 238	132	175408.5	2.4	5.4	0.6	12.8	1.1	0.5	1.0	0.86273	2632.8	20.6	2661.4	10.4	2683.2	9.2	1.9
Spot 239	31	203112.1	2.8	7.5	0.7	7.1	1.2	0.4	1.0	0.82682	2111.0	18.3	2118.3	10.9	2125.3	12.1	0.7
Spot 240	116	49033.5	1.6	7.4	0.5	7.1	1.0	0.4	0.9	0.84771	2111.1	15.4	2128.8	9.0	2146.0	9.4	1.6
Spot 241	85	265102.5	2.8	5.4	0.7	13.1	1.2	0.5	1.0	0.83082	2685.4	21.8	2684.1	11.3	2683.2	11.0	-0.1
Spot 242	77	309666.1	2.5	5.4	0.6	12.8	1.0	0.5	0.8	0.79165	2665.2	16.4	2666.2	9.0	2666.9	9.6	0.1
Spot 243	76	12985.7	2.1	7.7	1.5	6.0	1.7	0.3	0.7	0.41136	1900.8	11.4	1982.9	14.6	2069.7	27.0	8.2
Spot 244	41	57552.0	2.1	7.5	0.7	7.1	1.3	0.4	1.0	0.82430	2139.6	19.0	2125.6	11.3	2112.0	12.6	-1.3
Spot 245	205	108584.0	4.6	7.4	0.7	6.9	1.3	0.4	1.2	0.87458	2051.2	20.7	2092.7	11.9	2133.8	11.4	3.9
Spot 246	87	3338674.2	2.3	8.6	0.7	5.5	1.0	0.3	0.8	0.75285	1904.2	12.6	1896.8	8.7	1888.8	12.1	-0.8
Spot 247	170	89469.8	1.9	7.2	0.6	7.5	1.3	0.4	1.1	0.88353	2159.5	21.0	2176.6	11.6	2192.7	10.6	1.5
Spot 248	178	8933.3	6.0	5.0	0.6	13.1	1.3	0.5	1.2	0.87900	2545.8	24.5	2684.7	12.5	2791.1	10.3	8.8
Spot 250	88	242147.0	1.3	5.4	0.5	12.9	1.0	0.5	0.9	0.88653	2669.7	19.2	2675.3	9.4	2679.5	7.6	0.4
Spot 251	104	397717.0	2.2	7.6	0.6	7.0	1.1	0.4	1.0	0.85684	2137.4	17.4	2114.4	9.9	2092.1	10.1	-2.2
Spot 252	143	28132.2	2.7	7.9	0.9	5.8	1.6	0.3	1.3	0.81289	1890.2	20.9	1951.8	13.6	2017.8	16.2	6.3
Spot 253	111	1276265.7	1.5	8.5	0.7	5.4	1.2	0.3	1.0	0.79623	1885.2	15.6	1891.9	10.3	1899.2	13.1	0.7

Spot 254	72	128568.3	1.8	8.5	0.6	5.6	1.1	0.4	0.9	0.81058	1938.3	14.4	1917.3	9.2	1894.7	11.2	-2.3
Spot 255	78	19871.6	2.5	4.9	0.5	14.4	0.8	0.5	0.7	0.83128	2687.8	14.8	2776.6	7.7	2841.8	7.3	5.4
Spot 256	220	125923.1	6.1	5.0	0.6	15.1	1.2	0.5	1.0	0.85886	2819.3	22.9	2821.7	11.1	2823.4	9.8	0.1
Spot 257	159	33458.6	1.9	7.5	0.7	6.8	1.2	0.4	1.0	0.83191	2056.6	17.5	2086.7	10.6	2116.4	11.6	2.8
Spot 258	114	36233.9	2.0	7.1	0.7	7.9	1.0	0.4	0.7	0.73006	2230.4	14.1	2222.6	9.2	2215.5	12.1	-0.7
Spot 259	86	17616.8	2.5	8.1	0.6	5.6	1.1	0.3	0.8	0.79335	1870.4	13.5	1920.9	9.1	1976.0	11.4	5.3
Spot 260	125	48784.0	1.7	8.3	0.8	5.5	1.6	0.3	1.3	0.83987	1863.0	21.2	1898.5	13.4	1937.5	15.2	3.8
Spot 261	69	1784031.5	2.3	7.7	0.6	6.9	1.0	0.4	0.8	0.78499	2115.2	14.0	2101.9	8.8	2088.9	10.8	-1.3
Spot 262	108	50165.8	2.6	8.3	0.5	5.7	0.8	0.3	0.7	0.82712	1931.5	11.7	1934.2	7.3	1937.1	8.5	0.3
Spot 263	118	8247.9	1.5	7.4	0.8	6.1	1.0	0.3	0.6	0.61838	1851.5	10.3	1987.6	9.1	2132.3	14.3	13.2
Spot 264	82	659171.6	2.6	5.5	0.7	12.6	1.1	0.5	0.8	0.75800	2666.0	17.6	2650.3	10.0	2638.4	11.5	-1.0
Spot 265	86	4852.8	4.9	6.1	1.3	8.7	1.6	0.4	0.9	0.55480	2143.3	16.4	2304.9	14.7	2451.4	22.8	12.6
Spot 266	99	152475.2	1.8	7.6	0.6	6.9	1.0	0.4	0.8	0.78597	2097.0	14.5	2103.1	9.2	2109.1	11.2	0.6
Spot 267	89	20503.7	2.5	6.8	0.9	7.9	1.3	0.4	0.9	0.73871	2149.3	17.3	2217.9	11.6	2281.9	14.9	5.8
Spot 268	61	234679.8	1.8	8.2	0.5	6.1	0.9	0.4	0.8	0.81510	1998.8	13.2	1986.0	8.2	1972.6	9.7	-1.3
Spot 269	131	84806.4	2.2	7.4	0.7	7.2	1.3	0.4	1.1	0.83990	2124.7	20.1	2133.7	11.8	2142.5	12.5	0.8
Spot 270	51	127183.3	1.4	7.2	0.5	7.8	0.9	0.4	0.7	0.82912	2205.9	13.7	2202.9	8.0	2200.0	8.6	-0.3
Spot 271	49	90287.1	1.7	8.1	0.6	5.9	1.0	0.4	0.8	0.82209	1937.0	13.7	1960.1	8.6	1984.6	10.1	2.4
Spot 272	114	15375.2	1.9	7.9	0.7	5.9	1.0	0.3	0.6	0.66260	1905.0	10.6	1964.8	8.4	2028.4	12.8	6.1
Spot 273	143	247669.7	5.0	7.6	0.6	6.8	1.0	0.4	0.8	0.77017	2067.7	13.7	2080.2	8.9	2092.7	11.3	1.2
Spot 274	44	28294.5	2.5	8.1	0.9	6.0	1.2	0.4	0.8	0.67343	1947.1	13.4	1968.7	10.3	1991.5	15.6	2.2
Spot 275	56	115321.8	1.2	7.3	0.8	7.7	1.3	0.4	1.0	0.79030	2219.5	18.8	2195.2	11.4	2172.5	13.5	-2.2
Spot 276	110	21084.8	1.1	8.0	1.3	5.9	1.4	0.3	0.6	0.41767	1922.5	9.6	1959.3	12.0	1998.3	22.3	3.8
Spot 277	189	71397.7	2.3	8.4	0.5	5.3	1.4	0.3	1.3	0.92819	1820.6	19.9	1867.1	11.5	1919.3	9.0	5.1
Spot 278	37	95054.4	1.1	5.4	0.7	12.6	1.3	0.5	1.0	0.81494	2609.7	22.1	2650.2	11.9	2681.3	12.1	2.7
Spot 279	80	1125120.0	2.4	5.6	0.6	12.7	1.2	0.5	1.0	0.85233	2678.2	22.3	2654.6	11.2	2636.7	10.4	-1.6
Spot 280	68	13931.3	1.6	6.9	0.5	7.7	1.1	0.4	1.0	0.88715	2113.9	18.1	2195.2	10.2	2272.0	9.0	7.0
Spot 281	72	106039.4	2.0	7.6	0.6	6.8	1.2	0.4	1.0	0.86640	2085.2	18.4	2091.1	10.6	2096.9	10.5	0.6
Spot 282	59	57447.9	1.6	7.3	0.8	7.2	1.3	0.4	1.1	0.82779	2103.0	20.0	2135.1	12.0	2166.1	13.1	2.9
Spot 283	139	28534.4	2.2	6.9	0.9	7.5	1.1	0.4	0.7	0.64123	2077.8	12.7	2172.3	10.0	2262.8	14.8	8.2
Spot 284	143	6961213.1	2.6	8.5	0.6	5.5	1.0	0.3	0.8	0.81084	1888.3	13.7	1894.8	8.8	1902.0	10.8	0.7
Spot 285	70	71056.5	2.2	8.5	0.5	5.6	1.0	0.4	0.8	0.85152	1952.1	13.8	1923.2	8.3	1892.1	9.1	-3.2
Spot 287	237	27695.8	2.1	6.9	0.5	7.6	1.4	0.4	1.3	0.92605	2094.2	22.4	2182.4	12.1	2266.4	8.8	7.6
Spot 288	80	93206.6	1.5	5.8	0.6	11.8	1.0	0.5	0.9	0.83133	2611.8	18.7	2591.7	9.8	2576.1	9.7	-1.4
Spot 289	171	109948.3	1.5	7.4	0.5	7.2	1.1	0.4	1.0	0.87966	2135.6	18.3	2137.5	10.2	2139.3	9.5	0.2
Spot 290	33	43867.6	1.3	5.1	0.6	15.0	1.2	0.6	1.0	0.85900	2889.9	23.9	2817.9	11.4	2766.8	10.0	-4.4
Spot 291	130	127009.5	2.6	3.8	0.4	23.0	0.9	0.6	0.8	0.90693	3186.3	20.1	3227.3	8.6	3253.0	5.8	2.1
Spot 292	125	269643.8	2.3	8.6	0.6	5.5	1.1	0.3	1.0	0.84636	1905.8	16.0	1895.9	9.8	1885.0	11.0	-1.1
Spot 293	193	258090.6	4.8	7.7	0.5	6.8	1.1	0.4	1.0	0.89429	2086.3	17.7	2082.4	9.8	2078.6	8.7	-0.4
Spot 294	76	31763.3	2.2	7.3	0.6	7.7	0.8	0.4	0.6	0.74596	2231.8	11.9	2199.3	7.6	2169.2	9.8	-2.9
Spot 295	94	421266.8	1.0	5.3	0.6	13.6	1.0	0.5	0.8	0.81533	2721.9	17.5	2722.0	9.2	2722.1	9.2	0.0
Spot 296	86	104842.0	2.0	8.6	0.4	5.4	1.1	0.3	1.0	0.91239	1887.3	16.1	1886.0	9.3	1884.6	8.0	-0.1
Spot 297	87	108422.2	3.3	6.3	0.6	9.8	1.1	0.5	1.0	0.83302	2428.2	19.4	2420.7	10.6	2414.4	10.8	-0.6

Spot 29€	49	82257.5	1.8	5.5	0.6	13.1	1.0	0.5	0.8	0.82909	2730.0	18.3	2686.9	9.4	2654.6	9.2	-2.8
Spot 29€	26	6522.8	2.8	6.7	1.2	8.1	1.4	0.4	0.8	0.58106	2175.5	15.2	2240.5	12.8	2300.5	19.8	5.4
Spot 30€	76	109250.8	2.0	8.6	0.6	5.5	1.1	0.3	0.9	0.83587	1923.3	15.8	1901.7	9.7	1878.1	11.2	-2.4
Spot 301	95	80888.4	2.0	7.4	0.7	7.2	1.0	0.4	0.7	0.73211	2143.4	13.2	2140.6	8.8	2137.9	11.8	-0.3
Spot 302	116	16334.6	1.6	7.9	0.7	5.4	1.1	0.3	0.8	0.76135	1775.8	12.5	1890.7	9.1	2019.4	12.2	12.1
Spot 303	130	286553.3	2.0	8.6	0.5	5.4	0.9	0.3	0.8	0.84132	1874.8	12.7	1883.0	7.9	1892.0	9.0	0.9
Spot 304	34	55128.1	1.5	5.6	0.8	12.3	1.3	0.5	1.0	0.77966	2645.1	22.4	2629.2	12.4	2617.0	13.8	-1.1
Spot 30€	92	109400.7	1.7	7.3	0.5	7.5	1.1	0.4	0.9	0.88217	2186.8	17.5	2173.2	9.6	2160.3	8.8	-1.2
Spot 30€	37	63880.4	1.8	7.5	0.6	7.2	1.1	0.4	0.9	0.84520	2160.1	16.4	2140.7	9.4	2122.2	9.9	-1.8
Spot 307	97	18133.6	2.0	7.9	1.1	5.9	1.4	0.3	0.8	0.58345	1924.0	13.6	1966.4	12.2	2011.3	20.2	4.3
Spot 30€	150	357066.2	2.2	8.5	0.5	5.4	1.0	0.3	0.8	0.84700	1868.9	13.4	1887.8	8.4	1908.6	9.3	2.1
Spot 30€	90	11881.5	1.8	6.3	1.9	8.7	2.0	0.4	0.8	0.40579	2203.1	15.4	2309.2	18.5	2404.3	31.6	8.4
Spot 31€	73	70023.6	1.6	5.1	0.5	14.6	1.0	0.5	0.9	0.88382	2806.9	19.4	2790.0	9.2	2777.8	7.4	-1.0
Spot 311	132	160237.3	3.5	7.7	0.5	6.6	1.1	0.4	0.9	0.85871	2057.3	16.2	2063.4	9.4	2069.4	9.6	0.6
Spot 312	123	24295.5	1.7	7.2	0.8	7.2	1.2	0.4	0.8	0.70156	2091.1	14.7	2139.5	10.5	2186.2	14.6	4.3
Spot 313	111	9908.8	2.4	6.8	1.0	7.8	1.4	0.4	1.0	0.69861	2127.6	17.5	2202.7	12.4	2273.3	17.1	6.4
Spot 314	119	2345.0	2.9	5.2	2.3	10.8	2.4	0.4	0.8	0.32335	2268.3	15.1	2508.8	22.7	2709.7	38.0	16.3
Spot 31€	29	98809.0	3.1	7.5	0.7	7.4	1.1	0.4	0.9	0.81019	2199.7	17.1	2157.3	10.1	2117.1	11.7	-3.9
Run 2 (discordant)																	
Spot 10€	62	90982.1	4.2	7.3	0.5	8.0	1.0	0.4	0.8	0.86752	2292.2	15.9	2234.1	8.6	2181.2	8.2	-5.1
Spot 127	45	682021.0	1.5	4.7	0.6	18.4	1.1	0.6	0.9	0.85617	3119.7	23.4	3011.0	10.6	2939.2	9.2	-6.1
Spot 13€	43	2492.6	3.4	6.0	3.3	8.3	3.5	0.4	1.1	0.32812	1981.0	19.4	2260.7	31.3	2524.4	54.9	21.5
Spot 141	33	36942.0	1.9	7.1	0.5	8.8	1.1	0.5	1.0	0.89565	2408.4	20.3	2322.6	10.3	2247.9	8.6	-7.1
Spot 16€	85	3006662.6	2.8	8.7	0.7	5.7	1.2	0.4	1.0	0.81683	1974.1	17.2	1926.8	10.7	1876.4	12.8	-5.2
Spot 171	139	6901.3	2.2	7.4	0.9	5.2	1.3	0.3	0.8	0.65544	1578.4	11.5	1847.4	10.7	2165.4	16.5	27.1
Spot 19€	88	615315.9	3.4	8.6	0.6	4.1	1.2	0.3	1.1	0.88454	1464.2	14.2	1647.5	10.0	1890.0	10.3	22.5
Spot 20€	20	61285.8	2.4	7.6	0.7	7.5	1.2	0.4	0.9	0.77374	2248.4	17.3	2178.9	10.6	2114.1	13.1	-6.4
Spot 24€	47	1066254.6	3.3	7.6	0.7	7.5	1.1	0.4	0.9	0.76769	2238.6	16.7	2171.1	10.3	2107.8	12.9	-6.2
Spot 25	25	191517.8	13.6	7.6	0.8	7.7	1.4	0.4	1.1	0.83016	2263.3	21.9	2191.1	12.4	2124.3	13.5	-6.5
Spot 28€	137	12651.5	1.2	7.7	1.5	4.8	1.9	0.3	1.2	0.60868	1531.1	16.1	1786.4	16.3	2099.1	27.0	27.1
Spot 33	72	2667.2	4.0	5.5	1.0	9.4	1.4	0.4	0.9	0.67850	2049.6	16.4	2373.6	12.6	2664.8	16.7	23.1
Spot 4	61	47853.4	1.2	7.7	0.8	5.2	1.3	0.3	1.1	0.81865	1645.4	16.0	1851.3	11.5	2091.3	13.6	21.3
Spot 41	160	3174.3	1.9	6.3	2.4	7.3	2.6	0.3	1.0	0.39751	1858.9	16.8	2145.5	23.3	2432.5	40.6	23.6
Spot 49	24	100400.2	1.8	8.3	0.7	6.3	1.1	0.4	0.9	0.77207	2075.5	15.3	2017.2	9.8	1958.0	12.6	-6.0
Spot 71	145	45697.6	2.5	8.4	0.6	4.2	2.2	0.3	2.1	0.95603	1473.9	27.3	1676.5	17.8	1940.3	11.4	24.0
Spot 79	170	8487.0	1.2	7.6	0.8	4.4	2.9	0.2	2.8	0.95723	1393.1	34.5	1711.5	23.8	2126.6	14.6	34.5
Run 3																	
Spot 1	92	681429.6	1.6	7.6	0.6	7.0	1.0	0.4	0.9	0.83232	2121.7	15.8	2111.4	9.3	2101.4	10.2	-1.0
Spot 2	157	9604.0	1.4	7.6	1.2	6.1	1.7	0.3	1.2	0.72331	1900.5	19.9	1989.2	14.6	2082.6	20.3	8.7
Spot 3	122	249722.6	1.9	5.4	0.6	12.9	1.0	0.5	0.7	0.76600	2665.1	16.0	2671.2	9.0	2675.8	10.2	0.4
Spot 4	220	117228.4	2.6	5.2	0.5	13.7	0.9	0.5	0.8	0.85528	2692.6	17.1	2728.8	8.6	2755.6	7.7	2.3
Spot 5	59	53310.0	1.4	8.5	0.8	5.7	1.4	0.4	1.1	0.81711	1941.5	18.7	1923.9	11.8	1905.0	14.1	-1.9
Spot 6	118	64574.3	1.7	8.3	0.5	5.7	0.8	0.3	0.6	0.78259	1925.9	10.7	1933.1	7.1	1940.8	9.2	0.8

Spot 7	81	146135.3	1.4	6.4	0.6	9.6	1.1	0.5	0.9	0.85770	2405.7	18.9	2401.0	10.1	2396.9	9.6	-0.4
Spot 8	169	53442.4	0.7	7.9	0.6	6.1	1.2	0.4	1.0	0.85172	1950.5	17.3	1988.1	10.5	2027.4	11.2	3.8
Spot 9	215	2006030.7	0.9	7.7	0.5	6.7	1.1	0.4	1.0	0.87964	2078.7	17.2	2077.6	9.7	2076.4	9.2	-0.1
Spot 10	37	141655.0	1.3	5.1	0.6	14.3	1.1	0.5	0.9	0.83727	2766.4	21.2	2768.8	10.7	2770.5	10.1	0.1
Spot 11	187	119428.0	3.3	7.2	0.5	7.6	1.0	0.4	0.9	0.87161	2178.9	16.8	2183.5	9.4	2187.7	8.9	0.4
Spot 12	135	133413.6	2.0	5.6	0.6	12.3	1.0	0.5	0.8	0.82728	2639.5	17.6	2627.7	9.2	2618.7	9.2	-0.8
Spot 13	93	491389.7	1.6	7.6	0.7	7.1	1.0	0.4	0.7	0.71448	2153.2	12.8	2128.8	8.7	2105.3	12.0	-2.3
Spot 15	254	45290.4	2.6	7.7	0.6	6.4	1.2	0.4	1.0	0.86324	1988.3	17.6	2034.4	10.4	2081.5	10.6	4.5
Spot 16	61	760197.3	2.3	7.4	0.6	7.4	1.4	0.4	1.3	0.89240	2163.6	23.5	2160.0	12.8	2156.5	11.3	-0.3
Spot 17	43	190272.9	1.4	7.3	0.6	7.7	1.2	0.4	1.0	0.84289	2224.7	18.9	2194.3	10.7	2166.0	11.2	-2.7
Spot 18	81	254519.2	0.9	8.6	0.5	5.4	0.9	0.3	0.7	0.81554	1890.7	11.7	1886.5	7.5	1881.9	9.1	-0.5
Spot 19	129	55069.1	1.6	5.5	0.6	12.7	1.1	0.5	0.9	0.81081	2658.8	19.5	2656.1	10.4	2654.0	10.7	-0.2
Spot 20	80	62447.2	1.3	7.5	0.7	7.0	1.2	0.4	1.0	0.84328	2107.0	18.9	2112.1	11.1	2116.9	11.7	0.5
Spot 21	134	197280.7	2.3	5.5	0.6	12.9	1.1	0.5	0.9	0.84705	2685.8	20.1	2675.1	10.2	2667.0	9.5	-0.7
Spot 22	60	1264194.3	2.0	7.7	0.8	6.6	1.2	0.4	0.9	0.74756	2041.2	15.8	2061.2	10.7	2081.2	14.1	1.9
Spot 23	126	1317207.5	1.9	5.4	0.6	12.9	1.0	0.5	0.9	0.82505	2675.9	18.9	2672.2	9.8	2669.3	9.8	-0.2
Spot 24	168	78265.2	0.8	5.5	0.5	12.1	1.1	0.5	0.9	0.87365	2564.8	19.5	2612.7	9.9	2650.0	8.5	3.2
Spot 25	66	342377.6	1.2	8.3	0.7	6.0	1.1	0.4	0.9	0.79523	1990.2	14.8	1971.6	9.5	1952.1	11.8	-2.0
Spot 26	201	154946.0	2.2	7.5	0.6	7.1	1.0	0.4	0.8	0.81825	2122.7	15.2	2120.9	9.1	2119.2	10.3	-0.2
Spot 27	183	126481.2	1.2	5.3	0.5	13.2	1.2	0.5	1.0	0.88859	2678.4	22.9	2692.2	11.1	2702.5	8.9	0.9
Spot 28	126	151192.9	1.7	8.6	0.7	5.5	1.1	0.3	0.9	0.75994	1896.0	14.2	1893.3	9.8	1890.3	13.3	-0.3
Spot 29	97	211116.4	2.4	7.6	0.6	6.9	1.0	0.4	0.8	0.80638	2098.0	14.3	2101.1	8.8	2104.1	10.3	0.3
Spot 30	183	154867.6	1.8	8.4	0.7	5.5	1.0	0.3	0.8	0.72782	1888.7	12.5	1906.8	9.0	1926.5	12.9	2.0
Spot 31	127	164695.4	1.2	4.0	0.6	21.9	1.0	0.6	0.8	0.79730	3168.6	20.4	3178.6	9.9	3184.8	9.8	0.5
Spot 32	297	138036.1	2.3	5.7	0.5	11.8	1.0	0.5	0.9	0.87568	2574.1	19.3	2591.9	9.7	2605.8	8.4	1.2
Spot 33	61	26764.4	1.3	5.4	0.8	12.9	1.2	0.5	0.9	0.73400	2673.9	19.2	2673.1	11.3	2672.6	13.5	0.0
Spot 34	29	#####	1.9	7.6	0.7	6.8	1.1	0.4	0.8	0.77513	2090.9	14.9	2092.2	9.6	2093.4	12.0	0.1
Spot 35	9	14434.3	0.6	5.5	0.9	12.4	1.2	0.5	0.8	0.68373	2620.0	17.4	2633.6	11.1	2644.1	14.4	0.9
Spot 36	27	361240.2	2.4	7.3	0.7	7.8	1.2	0.4	1.0	0.82729	2249.1	18.6	2210.3	10.7	2174.6	11.6	-3.4
Spot 37	121	88840.4	1.4	7.3	0.6	7.7	1.0	0.4	0.8	0.80695	2221.5	15.4	2198.4	9.1	2176.9	10.4	-2.0
Spot 38	88	339858.8	1.9	7.6	0.7	7.3	1.1	0.4	0.9	0.79352	2185.5	16.4	2148.9	9.9	2114.2	11.9	-3.4
Spot 39	105	152307.5	2.0	8.6	0.6	5.6	1.1	0.4	0.9	0.81941	1948.6	14.6	1919.5	9.1	1888.2	10.9	-3.2
Spot 40	34	124233.7	3.2	7.1	0.7	8.0	1.2	0.4	1.0	0.82611	2241.0	19.4	2227.9	11.2	2215.9	12.1	-1.1
Spot 41	189	115264.5	1.6	8.5	0.5	5.5	1.0	0.3	0.9	0.89905	1902.1	15.5	1898.2	9.0	1893.9	8.2	-0.4
Spot 42	46	83562.2	2.2	7.3	0.7	7.9	1.2	0.4	1.0	0.81022	2278.5	18.5	2225.2	10.7	2176.5	12.1	-4.7
Spot 43	108	609258.4	4.0	3.9	0.5	23.1	1.1	0.7	1.0	0.88518	3263.7	25.5	3231.1	11.0	3210.8	8.3	-1.6
Spot 44	194	142492.2	1.2	5.4	0.5	13.2	1.0	0.5	0.8	0.86308	2720.4	18.2	2695.1	9.0	2676.2	7.9	-1.7
Spot 45	101	16057.9	1.4	7.8	1.4	5.8	1.9	0.3	1.3	0.66296	1868.5	20.3	1951.3	16.4	2040.4	25.0	8.4
Spot 46	146	73455.8	2.5	6.1	0.5	10.4	1.0	0.5	0.9	0.88894	2465.5	18.7	2472.7	9.5	2478.7	7.9	0.5
Spot 47	219	23335.1	1.6	5.4	1.0	11.4	2.8	0.5	2.6	0.92926	2421.5	52.0	2556.9	25.9	2666.0	17.0	9.2
Spot 48	233	315168.1	1.2	8.6	0.5	5.4	1.0	0.3	0.9	0.89321	1868.5	15.1	1880.2	8.9	1893.1	8.4	1.3
Spot 49	141	32327.6	1.6	8.3	0.6	5.3	1.0	0.3	0.8	0.79933	1794.5	12.7	1864.3	8.7	1942.9	10.9	7.6
Spot 50	82	40569.6	1.9	7.3	0.6	7.3	1.2	0.4	1.0	0.87875	2137.4	18.5	2154.7	10.3	2171.2	9.6	1.6

Spot 51	183	359583.2	2.3	7.6	0.6	6.9	0.9	0.4	0.8	0.80184	2097.9	13.5	2098.3	8.3	2098.6	9.8	0.0
Spot 52	5	6601.3	4.2	5.7	1.0	11.4	1.4	0.5	0.9	0.68068	2544.2	19.4	2558.7	12.7	2570.1	16.6	1.0
Spot 53	205	34041.2	1.5	7.0	0.5	7.9	1.0	0.4	0.9	0.86069	2206.1	16.4	2223.9	9.2	2240.4	9.0	1.5
Spot 54	107	128913.0	1.6	5.5	0.6	13.0	1.2	0.5	1.0	0.83793	2704.7	21.9	2679.4	11.1	2660.2	10.7	-1.7
Spot 55	161	2471318.0	2.6	7.6	0.6	7.2	1.1	0.4	1.0	0.87231	2156.2	18.2	2133.1	10.1	2110.8	9.7	-2.1
Spot 56	88	108651.9	0.8	8.5	0.5	5.5	1.2	0.3	1.0	0.89401	1908.8	17.1	1903.4	9.9	1897.4	9.3	-0.6
Spot 57	132	29604.7	2.1	4.9	0.6	14.7	1.1	0.5	1.0	0.86864	2729.3	21.5	2797.4	10.6	2846.8	9.0	4.1
Spot 58	119	124976.0	1.6	7.4	0.5	7.6	1.1	0.4	0.9	0.87276	2210.5	17.4	2180.6	9.6	2152.6	9.1	-2.7
Spot 59	107	27253.7	1.7	5.4	0.8	13.0	2.0	0.5	1.8	0.90282	2673.2	38.8	2676.9	18.5	2679.6	14.0	0.2
Spot 60	61	92025.0	3.6	7.4	0.6	7.7	1.1	0.4	1.0	0.86316	2235.8	18.4	2196.1	10.1	2159.3	9.9	-3.5
Spot 61	113	1418203.3	1.8	7.3	0.7	7.8	1.3	0.4	1.1	0.86054	2225.1	20.9	2205.7	11.6	2187.7	11.4	-1.7
Spot 62	168	217945.6	2.8	7.7	0.6	7.0	1.3	0.4	1.1	0.87654	2123.9	20.2	2106.8	11.3	2090.1	10.8	-1.6
Spot 63	135	95183.0	1.1	8.6	0.5	5.5	1.0	0.3	0.8	0.84249	1914.7	13.9	1902.3	8.6	1888.7	9.6	-1.4
Spot 64	259	21138.7	2.8	7.9	1.8	5.9	2.1	0.3	1.2	0.54625	1897.9	19.1	1965.8	18.5	2038.0	31.5	6.9
Spot 65	171	12996.2	1.0	7.7	1.6	5.5	2.1	0.3	1.4	0.67237	1754.5	21.8	1900.6	18.1	2064.1	27.5	15.0
Spot 66	144	224466.4	1.7	8.6	0.5	5.5	0.9	0.3	0.7	0.84010	1900.0	12.0	1892.9	7.5	1885.2	8.5	-0.8
Spot 67	48	63071.2	2.3	6.9	0.6	8.7	1.3	0.4	1.1	0.86766	2338.6	21.7	2304.0	11.6	2273.4	10.9	-2.9
Spot 68	197	47805.4	3.5	7.6	0.5	6.9	1.0	0.4	0.9	0.85454	2074.2	15.6	2095.6	9.1	2116.7	9.4	2.0
Spot 69	112	867364.3	2.0	5.1	0.6	15.0	1.1	0.6	0.9	0.82811	2830.0	21.7	2812.3	10.9	2799.6	10.5	-1.1
Spot 71	99	47664.2	1.2	8.7	0.6	5.4	1.2	0.3	1.1	0.89464	1898.9	18.2	1887.0	10.6	1874.0	9.9	-1.3
Spot 72	217	140218.9	1.2	7.6	0.5	7.0	1.0	0.4	0.9	0.86926	2105.2	16.3	2106.2	9.3	2107.2	9.1	0.1
Spot 73	150	95563.5	1.9	8.4	0.5	5.8	0.8	0.4	0.6	0.78417	1959.4	10.6	1945.6	6.9	1931.0	8.9	-1.5
Spot 74	143	120773.8	1.9	5.4	0.6	12.9	1.1	0.5	0.9	0.82775	2652.7	19.0	2669.3	9.9	2681.8	9.8	1.1
Spot 75	151	45002.3	2.4	8.4	0.6	5.6	1.1	0.3	0.8	0.80250	1906.9	13.9	1915.7	9.1	1925.2	11.2	0.9
Spot 76	90	101302.9	1.4	7.7	0.5	7.0	1.0	0.4	0.8	0.86774	2122.2	15.0	2109.2	8.5	2096.5	8.4	-1.2
Spot 77	55	155495.8	1.6	7.0	0.7	8.4	1.2	0.4	0.9	0.78069	2290.3	17.3	2276.5	10.4	2264.0	12.4	-1.2
Spot 78	155	61291.3	2.1	8.2	0.7	6.0	1.0	0.4	0.8	0.76305	1977.9	13.3	1977.1	8.9	1976.3	11.8	-0.1
Spot 79	229	10039.1	1.9	5.1	0.5	12.9	1.1	0.5	1.0	0.88679	2546.2	21.1	2673.1	10.7	2770.5	8.6	8.1
Spot 80	126	31443.3	1.1	7.2	0.5	7.6	1.0	0.4	0.9	0.88851	2158.0	16.3	2181.8	9.0	2204.2	8.0	2.1
Spot 81	290	50052.8	1.8	7.7	0.6	6.5	1.0	0.4	0.7	0.77499	2010.9	13.0	2045.6	8.5	2080.6	10.8	3.4
Spot 82	231	8823.1	1.4	7.5	2.1	5.5	2.7	0.3	1.8	0.65590	1726.3	27.3	1908.3	23.6	2112.3	36.3	18.3
Spot 83	149	99388.7	1.3	6.1	0.6	11.2	1.1	0.5	0.9	0.82921	2583.6	18.9	2536.2	10.0	2498.5	10.1	-3.4
Spot 84	148	267069.7	1.7	8.2	0.5	6.0	1.1	0.4	1.0	0.90633	1991.1	17.3	1981.6	9.7	1971.7	8.4	-1.0
Spot 85	39	41429.8	1.7	5.5	0.6	12.6	1.0	0.5	0.8	0.78646	2651.8	17.3	2653.3	9.5	2654.5	10.4	0.1
Spot 86	253	26626.7	2.2	8.1	0.7	5.5	1.1	0.3	0.9	0.80678	1813.5	14.5	1897.4	9.8	1990.5	11.9	8.9
Spot 87	85	185467.9	2.4	5.4	0.6	12.9	1.3	0.5	1.1	0.87736	2650.7	24.2	2672.4	11.9	2688.9	10.0	1.4
Spot 88	144	615052.6	1.6	8.5	0.5	5.4	0.7	0.3	0.6	0.75732	1872.3	9.2	1889.7	6.4	1908.8	8.7	1.9
Spot 89	204	117159.4	3.0	8.5	0.6	5.6	1.1	0.3	0.9	0.85430	1910.4	15.2	1913.4	9.3	1916.6	10.0	0.3
Spot 90	85	137541.7	1.1	8.3	0.6	6.2	1.0	0.4	0.8	0.77750	2033.0	13.3	1998.0	8.6	1962.0	11.0	-3.6
Spot 91	160	170715.0	1.4	7.6	0.5	7.0	0.9	0.4	0.7	0.77572	2129.8	12.1	2114.8	7.7	2100.2	9.6	-1.4
Spot 92	173	1224868.6	2.0	5.4	0.5	12.9	1.1	0.5	1.0	0.88816	2668.7	21.8	2673.2	10.6	2676.7	8.5	0.3
Spot 93	68	945704.7	2.9	7.6	0.4	7.4	0.9	0.4	0.8	0.88193	2197.1	15.0	2155.8	8.2	2116.7	7.5	-3.8
Spot 94	163	272024.8	1.8	5.4	0.7	12.0	1.1	0.5	0.9	0.77718	2503.4	18.1	2606.0	10.5	2686.7	11.7	6.8

Spot 95	77	88830.2	1.5	7.4	0.7	7.7	1.3	0.4	1.1	0.83400	2231.9	20.9	2196.7	12.0	2164.0	12.8	-3.1
Spot 96	81	94582.8	1.9	7.5	0.7	7.2	1.1	0.4	0.9	0.79817	2146.6	15.7	2139.2	9.6	2132.1	11.4	-0.7
Spot 97	204	24078.3	1.8	7.1	0.6	7.7	1.1	0.4	0.9	0.85729	2157.1	17.2	2193.3	9.8	2227.3	9.8	3.2
Spot 98	76	80258.2	2.2	5.5	0.6	13.0	0.9	0.5	0.6	0.69816	2709.6	13.3	2681.8	8.1	2660.9	10.2	-1.8
Spot 99	220	56156.8	1.2	8.4	0.4	5.5	1.0	0.3	0.9	0.90841	1894.4	14.2	1907.5	8.2	1921.7	7.2	1.4
Spot 100	91	172038.4	1.1	7.3	0.6	7.7	1.1	0.4	1.0	0.86552	2217.2	18.4	2191.6	10.2	2167.7	9.9	-2.3
Spot 101	71	116601.4	2.0	5.5	0.7	12.8	1.1	0.5	0.9	0.78759	2666.9	19.7	2666.2	10.8	2665.6	11.7	-0.1
Spot 102	182	11369.3	1.3	7.7	0.7	5.5	1.3	0.3	1.2	0.86686	1752.6	17.7	1907.2	11.4	2079.7	11.7	15.7
Spot 103	130	228336.6	2.3	8.6	0.7	5.5	1.2	0.3	1.0	0.82045	1897.2	15.8	1897.1	10.0	1897.0	12.0	0.0
Spot 104	190	68528.2	2.0	8.5	0.5	5.5	1.0	0.3	0.8	0.85427	1897.1	13.7	1903.7	8.4	1910.7	9.1	0.7
Spot 105	132	112244.6	1.2	8.6	0.5	5.4	1.2	0.3	1.0	0.88567	1892.9	16.9	1888.1	10.0	1882.9	9.7	-0.5
Spot 106	252	181975.5	1.3	5.5	0.6	12.9	1.2	0.5	1.0	0.84578	2680.4	21.4	2672.4	10.9	2666.4	10.2	-0.5
Spot 107	141	86074.2	1.7	7.6	0.6	7.1	1.1	0.4	1.0	0.83132	2139.9	17.4	2119.5	10.2	2099.8	11.2	-1.9
Spot 108	174	118990.8	1.2	7.9	0.6	6.5	1.1	0.4	0.9	0.82941	2041.6	16.5	2040.5	10.0	2039.4	11.2	-0.1
Spot 109	122	107871.9	1.8	8.3	0.7	6.0	1.3	0.4	1.1	0.83974	1989.9	18.2	1975.1	11.0	1959.7	12.3	-1.5
Spot 110	138	104501.1	2.2	7.2	0.6	7.8	1.1	0.4	1.0	0.84701	2221.7	17.9	2209.7	10.1	2198.7	10.4	-1.0
Spot 111	172	52280.7	1.4	8.4	0.5	5.6	0.9	0.3	0.8	0.85698	1913.7	13.4	1920.4	8.2	1927.6	8.7	0.7
Spot 112	97	244189.6	2.2	7.6	0.7	7.1	1.2	0.4	1.0	0.82620	2140.1	17.9	2129.2	10.6	2118.6	11.8	-1.0
Spot 113	193	60562.0	1.5	7.3	0.7	7.3	1.3	0.4	1.0	0.80831	2106.1	18.2	2145.5	11.2	2183.5	12.9	3.5
Spot 114	249	15539.7	2.0	7.7	1.2	6.1	1.6	0.3	1.0	0.63906	1923.4	16.6	1993.0	13.7	2066.0	21.2	6.9
Spot 115	117	1788293.3	1.1	7.7	0.6	6.7	1.1	0.4	0.9	0.80762	2045.7	15.6	2069.6	9.7	2093.6	11.4	2.3
Spot 116	84	174421.9	1.6	7.6	0.6	7.0	1.1	0.4	0.9	0.83632	2123.1	16.6	2115.2	9.8	2107.5	10.6	-0.7
Spot 117	138	97458.1	1.8	5.5	0.6	13.0	1.1	0.5	0.9	0.85153	2694.3	20.0	2681.6	10.1	2672.0	9.3	-0.8
Spot 118	101	15246.2	1.5	7.1	0.6	7.5	1.0	0.4	0.8	0.79340	2115.3	13.9	2168.1	8.7	2218.4	10.2	4.6
Spot 119	88	144776.8	1.3	7.6	0.5	7.2	0.7	0.4	0.5	0.71905	2152.8	9.8	2132.6	6.6	2113.2	9.1	-1.9
Spot 120	74	206175.2	2.7	7.4	0.6	7.5	1.2	0.4	1.0	0.84013	2202.8	18.4	2173.6	10.5	2146.1	11.1	-2.6
Spot 121	235	1332081.2	1.9	8.6	0.5	5.5	1.0	0.3	0.9	0.88370	1922.2	15.1	1905.6	8.8	1887.6	8.7	-1.8
Spot 122	190	45464.5	1.9	5.5	0.5	12.7	1.2	0.5	1.1	0.91452	2649.5	23.7	2661.0	11.2	2669.7	8.0	0.8
Spot 123	120	350197.8	2.2	5.9	0.5	11.4	1.2	0.5	1.1	0.89128	2559.0	22.5	2556.0	11.1	2553.6	9.1	-0.2
Spot 124	140	156552.0	3.2	7.2	0.5	7.8	0.9	0.4	0.7	0.82181	2216.3	13.3	2205.2	7.7	2194.9	8.5	-1.0
Spot 125	247	564306.1	2.5	7.3	0.6	7.6	1.2	0.4	1.0	0.87324	2191.7	18.9	2181.8	10.4	2172.6	9.9	-0.9
Spot 126	106	77203.2	2.3	8.5	0.7	5.5	1.2	0.3	1.0	0.84200	1901.9	17.0	1900.1	10.5	1898.1	11.9	-0.2
Spot 127	195	25021.6	1.8	8.1	0.9	5.5	1.5	0.3	1.1	0.77080	1817.9	18.0	1893.8	12.6	1978.1	16.7	8.1
Spot 128	97	172876.5	1.4	8.5	0.6	5.6	0.8	0.3	0.6	0.68175	1927.3	9.6	1913.9	7.3	1899.4	11.1	-1.5
Spot 129	95	46687.1	1.2	8.0	0.6	6.1	0.9	0.4	0.7	0.79520	1988.9	12.7	1996.4	8.1	2004.1	10.0	0.8
Spot 130	61	91755.3	2.6	5.6	0.5	12.5	1.0	0.5	0.8	0.83623	2668.5	17.8	2639.4	9.1	2617.2	8.9	-2.0
Spot 131	87	36776.6	1.8	5.3	0.6	13.6	1.0	0.5	0.8	0.78242	2720.1	17.9	2721.8	9.7	2723.0	10.6	0.1
Spot 132	140	29305.3	1.4	8.4	0.6	5.5	1.0	0.3	0.8	0.80705	1878.4	13.4	1903.9	8.8	1931.8	10.8	2.8
Spot 133	111	94977.9	1.6	5.5	0.6	13.2	1.3	0.5	1.1	0.88688	2725.1	24.7	2695.0	11.8	2672.4	9.6	-2.0
Spot 134	245	108048.0	2.1	8.6	0.6	4.9	3.0	0.3	2.9	0.97966	1732.1	44.2	1807.1	25.1	1894.7	10.7	8.6
Spot 135	33	2516.2	2.8	5.2	2.7	11.2	3.0	0.4	1.2	0.41313	2334.0	23.9	2542.2	27.6	2712.7	44.5	14.0
Spot 136	223	39835.3	2.0	8.3	0.7	5.6	1.1	0.3	0.9	0.79156	1884.2	13.9	1911.1	9.2	1940.4	11.7	2.9
Spot 137	270	23639.6	2.0	8.2	0.6	5.5	1.2	0.3	1.1	0.87668	1823.4	17.1	1896.0	10.5	1976.5	10.5	7.7

Spot 13	97	#####	1.6	5.6	0.6	12.4	1.1	0.5	1.0	0.85953	2652.9	21.3	2633.4	10.7	2618.5	9.7	-1.3
Spot 14	223	566620.9	2.7	7.3	0.6	7.6	1.0	0.4	0.8	0.80300	2196.3	14.7	2189.1	8.8	2182.4	10.2	-0.6
Spot 141	154	180542.7	4.5	4.3	0.4	19.5	0.9	0.6	0.8	0.86600	3081.9	19.1	3065.6	8.7	3055.0	7.2	-0.9
Spot 142	77	111807.3	1.0	8.6	0.7	5.6	1.3	0.3	1.1	0.83558	1927.9	17.8	1912.9	11.0	1896.7	12.6	-1.6
Spot 143	96	127670.7	2.4	7.6	0.6	7.0	1.0	0.4	0.9	0.82925	2127.4	15.6	2112.2	9.2	2097.3	10.2	-1.4
Spot 144	37	66548.1	2.2	7.3	0.8	7.5	1.2	0.4	0.9	0.75321	2172.0	16.7	2168.1	10.8	2164.3	13.8	-0.4
Spot 145	236	291606.5	2.1	5.5	0.5	12.9	0.9	0.5	0.7	0.84767	2678.9	16.4	2668.9	8.3	2661.3	7.8	-0.7
Spot 146	155	65626.1	1.0	5.0	0.5	14.5	0.7	0.5	0.6	0.78225	2730.3	12.7	2783.5	6.9	2822.3	7.4	3.3
Spot 147	184	30565.2	1.0	5.4	0.4	12.5	1.0	0.5	0.9	0.88852	2574.3	18.1	2644.5	9.0	2698.6	7.3	4.6
Spot 148	91	601042.7	8.9	4.9	0.5	15.5	1.0	0.6	0.9	0.87830	2862.8	20.5	2847.6	9.6	2836.8	7.9	-0.9
Spot 149	115	65992.6	1.6	8.5	0.6	5.4	1.0	0.3	0.8	0.80848	1865.9	13.2	1880.0	8.6	1895.6	10.6	1.6
Spot 150	273	748803.6	3.4	5.4	0.5	13.1	1.0	0.5	0.9	0.85596	2693.0	19.4	2683.3	9.7	2676.1	8.8	-0.6
Spot 151	94	545282.3	1.3	7.6	0.5	6.9	0.9	0.4	0.7	0.85123	2088.8	13.1	2093.9	7.7	2098.8	8.0	0.5
Spot 152	178	169768.1	4.2	7.5	0.5	7.1	0.9	0.4	0.7	0.82413	2135.1	13.3	2129.1	7.9	2123.4	8.8	-0.6
Spot 153	126	12391.1	2.1	7.8	0.8	5.8	1.0	0.3	0.7	0.68451	1863.6	11.6	1952.8	9.0	2048.7	13.4	9.0
Spot 154	103	1447222.6	1.1	7.4	0.5	7.2	1.0	0.4	0.8	0.83336	2132.9	14.6	2140.0	8.6	2146.8	9.3	0.6
Spot 155	103	628663.3	1.3	7.7	0.7	6.8	1.2	0.4	1.0	0.79873	2080.1	17.1	2084.7	10.6	2089.2	12.7	0.4
Spot 156	68	104836.6	1.0	7.5	0.5	7.2	1.0	0.4	0.8	0.83273	2137.7	14.7	2138.3	8.6	2138.8	9.4	0.1
Spot 157	246	94119.9	2.1	7.5	0.5	6.8	1.0	0.4	0.8	0.82355	2058.3	13.8	2091.8	8.4	2125.0	9.5	3.1
Spot 158	91	173904.2	1.4	7.4	0.4	7.2	1.1	0.4	1.0	0.90843	2118.5	17.2	2134.6	9.4	2150.1	7.7	1.5
Spot 160	149	89076.7	1.1	8.1	0.6	6.1	0.9	0.4	0.7	0.80524	1994.6	12.9	1991.3	8.1	1988.0	9.8	-0.3
Spot 162	55	58408.2	1.8	7.5	0.7	7.2	1.1	0.4	0.9	0.78863	2134.1	16.4	2134.2	10.2	2134.3	12.3	0.0
Spot 163	106	316404.4	1.8	7.4	0.5	7.5	1.2	0.4	1.1	0.88681	2174.4	19.4	2170.4	10.6	2166.6	9.6	-0.4
Spot 164	151	360212.9	1.3	3.7	0.6	21.7	1.0	0.6	0.8	0.80387	2998.4	19.3	3168.6	9.7	3278.2	9.4	8.5
Spot 165	98	107472.7	2.3	8.5	0.6	5.6	0.9	0.3	0.7	0.73523	1920.6	11.2	1915.2	7.9	1909.3	11.1	-0.6
Spot 166	162	163067.3	1.6	8.3	0.5	5.7	1.1	0.3	1.0	0.88127	1920.1	16.4	1935.2	9.7	1951.5	9.4	1.6
Spot 167	413	100679.7	1.7	4.5	0.5	19.2	0.9	0.6	0.8	0.84677	3139.6	19.4	3053.3	8.9	2996.9	7.9	-4.8
Spot 168	126	143814.8	2.1	5.5	0.7	12.9	1.1	0.5	0.9	0.80600	2671.3	20.0	2670.1	10.7	2669.2	11.1	-0.1
Spot 169	199	1179487.9	11.2	7.6	0.4	7.0	1.0	0.4	0.9	0.88977	2112.8	15.4	2115.2	8.5	2117.5	7.7	0.2
Spot 170	41	136117.8	1.8	5.5	0.5	13.0	0.9	0.5	0.8	0.83255	2698.2	17.1	2681.0	8.8	2668.1	8.5	-1.1
Spot 171	184	94044.2	1.9	8.6	0.7	5.8	1.0	0.4	0.8	0.77404	1990.1	13.7	1945.4	9.0	1898.2	11.8	-4.8
Spot 172	177	33327.4	1.4	7.2	0.6	6.8	1.6	0.4	1.5	0.92171	1974.6	25.2	2081.8	14.2	2189.5	10.8	9.8
Spot 173	75	202467.1	0.6	5.7	0.7	12.0	1.1	0.5	0.9	0.78420	2608.3	18.5	2606.2	10.3	2604.6	11.3	-0.1
Spot 174	127	34794.2	1.5	7.3	0.6	7.5	1.0	0.4	0.8	0.78164	2162.6	14.7	2175.2	9.2	2187.1	11.1	1.1
Spot 175	166	112601.9	2.7	7.6	0.5	7.1	1.2	0.4	1.0	0.89695	2140.3	18.9	2121.3	10.3	2102.9	9.0	-1.8
Spot 176	143	2645754.6	1.8	5.5	0.5	12.9	0.9	0.5	0.8	0.83138	2670.6	16.9	2673.6	8.8	2675.9	8.6	0.2
Spot 177	128	94622.9	2.2	8.6	0.5	5.5	1.1	0.3	1.0	0.87834	1917.5	16.0	1904.9	9.5	1891.2	9.5	-1.4
Spot 178	113	194565.0	1.9	5.5	0.6	12.9	1.1	0.5	0.9	0.83451	2672.2	20.2	2674.0	10.4	2675.3	10.1	0.1
Spot 179	219	181685.3	4.8	5.0	0.6	14.9	1.1	0.5	1.0	0.86768	2800.2	22.0	2809.4	10.6	2816.0	9.1	0.6
Spot 180	108	159019.6	1.8	7.0	0.5	8.2	1.0	0.4	0.8	0.84998	2245.7	16.0	2253.4	9.0	2260.3	9.0	0.6
Spot 181	148	32353.2	2.1	8.3	0.7	5.6	1.0	0.3	0.7	0.68613	1877.7	11.0	1914.1	8.4	1953.8	12.7	3.9
Spot 182	59	128699.1	2.4	5.5	0.5	13.3	1.0	0.5	0.8	0.85459	2733.2	18.6	2699.4	9.2	2674.2	8.4	-2.2
Spot 183	206	36868.2	3.3	7.4	0.6	7.1	1.3	0.4	1.2	0.89331	2085.8	21.0	2123.7	11.7	2160.7	10.3	3.5

Spot 184	102	105157.3	2.2	7.3	0.7	7.5	1.0	0.4	0.7	0.67917	2150.6	12.2	2170.9	8.8	2190.1	12.5	1.8
Spot 185	56	36101.7	1.0	7.5	0.6	7.2	1.1	0.4	1.0	0.86756	2141.4	17.6	2134.8	9.9	2128.5	9.7	-0.6
Spot 186	161	95767.8	1.6	7.4	0.5	7.4	0.9	0.4	0.8	0.84881	2173.0	14.7	2160.6	8.4	2148.9	8.7	-1.1
Spot 187	114	105834.7	2.1	5.6	0.6	12.4	0.9	0.5	0.7	0.77812	2628.2	15.9	2633.3	8.9	2637.3	9.9	0.3
Spot 188	106	88595.2	1.5	7.7	0.6	7.0	1.2	0.4	1.0	0.85879	2129.4	18.7	2108.1	10.7	2087.4	10.8	-2.0
Spot 189	255	67873.5	2.4	5.0	0.5	13.8	1.3	0.5	1.2	0.91378	2636.0	25.3	2735.1	12.1	2809.1	8.5	6.2
Spot 190	63	7147.5	1.0	3.9	0.7	21.8	1.1	0.6	0.8	0.78682	3136.1	20.8	3176.7	10.3	3202.5	10.4	2.1
Spot 191	281	119904.8	0.9	7.7	0.4	6.7	0.9	0.4	0.8	0.86652	2070.1	13.6	2077.8	7.8	2085.5	7.8	0.7
Spot 192	157	930948.9	1.7	5.5	0.6	13.3	1.0	0.5	0.8	0.82149	2731.5	18.7	2699.1	9.7	2674.9	9.7	-2.1
Spot 193	63	83898.3	1.5	7.3	0.6	8.0	1.1	0.4	1.0	0.83042	2273.5	18.2	2229.3	10.3	2189.0	11.1	-3.9
Spot 194	101	456696.2	2.2	5.5	0.6	13.0	1.0	0.5	0.9	0.82113	2691.6	18.9	2682.7	9.9	2676.1	9.9	-0.6
Spot 195	23	490383.4	1.4	3.7	0.6	24.8	1.5	0.7	1.3	0.90890	3320.0	35.0	3299.1	14.5	3286.3	9.7	-1.0
Spot 196	164	2164843.5	2.2	5.4	0.6	13.4	1.0	0.5	0.8	0.80393	2735.3	17.1	2709.6	9.0	2690.5	9.4	-1.7
Spot 197	79	417715.1	2.2	5.4	0.6	12.7	1.0	0.5	0.9	0.81602	2627.9	18.4	2659.9	9.8	2684.4	10.0	2.1
Spot 198	81	206129.4	1.5	6.9	0.5	8.6	1.1	0.4	1.0	0.87155	2301.0	18.4	2296.7	9.9	2292.9	9.2	-0.4
Spot 199	132	21408.0	1.0	7.1	0.6	7.6	0.9	0.4	0.6	0.71011	2143.5	11.2	2184.0	7.8	2222.2	10.6	3.5
Spot 200	126	68264.3	1.6	5.4	0.5	13.2	0.9	0.5	0.8	0.83004	2693.0	16.8	2692.0	8.7	2691.3	8.5	-0.1
Spot 201	94	333869.8	2.2	7.2	0.5	7.8	1.0	0.4	0.9	0.85334	2215.2	16.1	2210.9	9.1	2207.0	9.1	-0.4
Spot 202	109	145507.4	1.5	8.6	0.5	5.6	1.1	0.3	0.9	0.85679	1924.1	15.1	1913.6	9.1	1902.2	9.8	-1.2
Spot 203	150	20358.8	3.4	7.0	0.7	7.3	1.3	0.4	1.1	0.83408	2050.6	19.5	2152.5	11.9	2251.2	12.7	8.9
Spot 204	23	15887.1	1.6	7.2	1.1	7.3	1.5	0.4	1.1	0.70451	2107.6	19.6	2149.7	13.8	2190.1	19.1	3.8
Spot 205	189	108004.7	1.3	8.6	0.5	5.4	1.0	0.3	0.9	0.86025	1867.6	14.4	1884.8	8.9	1903.7	9.5	1.9
Spot 206	108	90362.8	2.0	8.5	0.5	5.4	1.0	0.3	0.9	0.85564	1859.7	14.0	1887.0	8.7	1917.1	9.4	3.0
Spot 207	37	67458.5	1.7	5.4	0.6	13.4	0.9	0.5	0.7	0.74250	2729.5	14.9	2711.5	8.5	2698.1	10.0	-1.2
Spot 208	145	48203.0	1.7	8.4	0.6	5.5	1.1	0.3	0.9	0.84806	1881.9	14.6	1903.1	9.0	1926.2	10.0	2.3
Spot 209	119	384927.1	1.9	8.6	0.5	5.6	1.0	0.3	0.8	0.84917	1928.9	13.5	1911.5	8.2	1892.6	9.0	-1.9
Spot 210	81	123799.3	1.9	7.8	0.6	6.6	1.1	0.4	0.9	0.81915	2052.7	16.0	2060.9	9.8	2069.2	11.2	0.8
Spot 211	101	24322.2	1.1	7.9	0.5	6.0	0.8	0.3	0.6	0.78185	1921.5	10.2	1975.7	6.8	2033.0	8.6	5.5
Spot 212	149	362385.0	4.5	4.7	0.5	17.2	0.9	0.6	0.8	0.86357	2954.9	18.6	2945.9	8.7	2939.8	7.4	-0.5
Spot 213	39	96324.6	2.3	6.1	0.6	11.0	1.2	0.5	1.1	0.88706	2558.7	22.6	2518.9	11.2	2487.0	9.4	-2.9
Spot 214	197	580874.7	1.9	5.5	0.6	12.8	1.0	0.5	0.8	0.82585	2651.6	18.0	2666.5	9.5	2677.8	9.4	1.0
Spot 215	68	145329.9	1.6	7.1	0.5	8.2	0.9	0.4	0.7	0.83201	2262.6	14.3	2254.8	8.1	2247.8	8.6	-0.7
Spot 216	72	71554.1	2.3	5.5	0.4	13.0	0.9	0.5	0.8	0.87809	2688.3	18.2	2681.0	8.9	2675.5	7.5	-0.5
Spot 217	199	109452.2	1.3	8.6	0.7	5.5	1.4	0.3	1.2	0.87439	1902.5	20.1	1899.5	12.0	1896.2	12.2	-0.3
Spot 218	137	86111.8	1.3	8.3	0.7	5.6	1.1	0.3	0.8	0.76734	1896.3	13.8	1922.4	9.5	1950.8	12.6	2.8
Spot 219	1168	8108.2	10.1	7.2	1.8	7.4	2.1	0.4	1.2	0.56067	2126.8	21.6	2162.7	19.1	2197.0	30.6	3.2
Spot 220	175	35295.6	0.9	8.4	0.5	5.7	0.9	0.3	0.8	0.83502	1927.4	12.7	1926.9	7.9	1926.3	9.0	-0.1
Spot 221	164	133024.8	1.3	7.9	0.5	6.6	1.0	0.4	0.8	0.83194	2067.9	14.0	2055.5	8.4	2043.1	9.3	-1.2
Spot 222	52	46204.8	1.3	5.5	0.7	12.6	1.1	0.5	0.9	0.79316	2620.4	18.8	2647.4	10.3	2668.1	11.1	1.8
Spot 223	123	91996.9	3.5	8.5	0.6	5.6	1.0	0.3	0.8	0.80125	1924.6	14.0	1919.0	9.0	1912.9	11.3	-0.6
Spot 224	80	49779.6	1.1	8.3	0.8	5.9	1.1	0.4	0.7	0.68122	1974.9	12.7	1967.4	9.5	1959.5	14.3	-0.8
Spot 225	63	100260.7	1.3	8.6	0.7	5.5	1.1	0.3	0.9	0.80984	1893.8	15.2	1898.2	9.8	1903.1	12.1	0.5
Spot 226	205	72195.7	1.4	8.5	0.6	5.6	1.2	0.3	1.0	0.85168	1906.3	16.5	1912.0	10.1	1918.2	11.0	0.6

Spot 227	159	764080.1	1.2	8.7	0.4	5.4	1.0	0.3	1.0	0.92952	1899.4	15.7	1890.8	8.8	1881.4	6.8	-1.0
Spot 228	207	85747.6	2.0	7.7	0.6	6.9	1.0	0.4	0.8	0.83040	2100.3	15.1	2100.4	9.0	2100.5	9.9	0.0
Spot 229	103	868955.5	2.2	5.5	0.6	13.0	1.1	0.5	0.9	0.84169	2692.9	20.4	2680.1	10.4	2670.4	9.9	-0.8
Spot 230	109	101389.7	2.4	7.6	0.6	7.2	0.8	0.4	0.6	0.69397	2141.6	10.6	2133.9	7.5	2126.6	10.6	-0.7
Spot 231	57	19415.9	1.7	7.8	0.9	6.6	1.5	0.4	1.2	0.78975	2062.9	21.3	2064.7	13.5	2066.5	16.5	0.2
Spot 232	121	89575.0	1.2	7.4	0.5	7.4	0.9	0.4	0.7	0.83996	2176.0	13.4	2164.4	7.7	2153.5	8.2	-1.0
Spot 233	77	331088.8	1.7	7.5	0.6	7.3	0.8	0.4	0.6	0.70836	2150.5	11.0	2147.7	7.6	2144.9	10.5	-0.3
Spot 234	46	49011.1	1.3	7.1	0.8	7.9	1.2	0.4	0.9	0.74904	2191.0	17.0	2218.3	11.0	2243.5	14.0	2.3
Spot 235	132	43721.0	1.4	8.3	0.6	5.8	0.8	0.4	0.6	0.73506	1948.5	10.1	1953.3	7.1	1958.4	9.9	0.5
Spot 236	47	216210.5	2.4	7.5	0.7	7.4	1.1	0.4	0.8	0.74587	2188.8	14.7	2157.8	9.5	2128.3	12.4	-2.8
Spot 237	62	71876.0	1.7	7.3	0.6	7.7	1.0	0.4	0.8	0.77551	2197.8	14.5	2193.7	9.0	2189.9	11.0	-0.4
Spot 238	91	685322.2	3.4	7.5	0.5	7.4	1.1	0.4	0.9	0.87779	2181.8	17.1	2161.1	9.4	2141.6	8.8	-1.9
Spot 239	153	283322.2	1.1	7.7	0.6	6.9	1.0	0.4	0.8	0.80749	2121.5	14.1	2104.6	8.6	2088.1	10.0	-1.6
Spot 240	57	180556.7	3.4	7.6	0.5	7.1	0.9	0.4	0.7	0.81949	2128.0	13.5	2122.6	8.1	2117.3	9.2	-0.5
Spot 241	40	42266.8	1.8	7.2	0.5	8.1	0.8	0.4	0.7	0.80464	2283.4	12.9	2245.8	7.6	2211.7	8.6	-3.2
Spot 242	210	90971.2	1.3	8.2	0.4	5.8	1.0	0.3	1.0	0.92624	1913.8	15.9	1944.2	9.0	1976.8	7.0	3.2
Spot 243	130	217693.7	3.0	7.5	0.6	7.1	1.0	0.4	0.8	0.82824	2106.0	14.7	2127.4	8.8	2148.0	9.6	2.0
Spot 244	58	90297.1	1.6	7.5	0.6	7.4	0.9	0.4	0.7	0.75877	2177.2	12.4	2156.7	7.9	2137.1	10.1	-1.9
Spot 245	152	158616.6	2.5	8.4	0.6	5.9	1.0	0.4	0.9	0.84804	1984.2	15.2	1964.6	9.1	1944.0	9.9	-2.1
Spot 246	146	73746.4	1.7	8.2	0.7	5.6	1.4	0.3	1.2	0.86468	1872.6	19.5	1922.4	11.9	1976.5	12.4	5.3
Spot 247	76	58630.2	2.2	6.3	0.5	10.1	0.9	0.5	0.7	0.79541	2440.8	14.6	2443.9	8.3	2446.5	9.3	0.2
Spot 248	185	38497.4	3.4	7.2	0.7	6.9	1.0	0.4	0.8	0.73853	2004.5	13.4	2100.3	9.3	2195.6	12.3	8.7
Spot 249	155	193502.8	2.6	8.6	0.7	5.5	1.2	0.3	1.0	0.81588	1903.8	16.3	1897.7	10.4	1890.9	12.6	-0.7
Spot 250	212	195120.9	1.5	8.6	0.6	5.4	1.3	0.3	1.1	0.88883	1867.6	18.4	1879.3	10.9	1892.3	10.5	1.3
Spot 251	240	23741.1	1.3	8.0	0.5	5.3	1.1	0.3	0.9	0.85624	1732.3	13.8	1867.3	9.1	2021.1	9.7	14.3
Spot 252	123	25747.0	1.7	8.4	0.7	5.7	1.1	0.3	0.8	0.72145	1914.0	12.8	1925.3	9.3	1937.4	13.3	1.2
Spot 253	45	14618.0	1.0	6.7	1.1	8.4	1.3	0.4	0.7	0.53390	2217.3	13.2	2277.6	12.0	2332.2	19.1	4.9
Spot 254	117	120065.2	0.6	8.3	0.5	6.0	0.8	0.4	0.6	0.81588	1977.3	10.9	1968.6	6.8	1959.5	8.1	-0.9
Spot 255	143	435865.1	1.6	7.6	0.8	7.1	1.7	0.4	1.5	0.88597	2122.9	27.2	2121.4	15.1	2119.9	13.8	-0.1
Spot 256	74	15636.3	1.2	7.2	1.0	7.3	1.3	0.4	0.8	0.63241	2081.6	15.1	2144.8	12.0	2205.8	18.0	5.6
Spot 257	120	123944.2	1.2	8.6	0.5	5.4	0.9	0.3	0.7	0.78288	1877.7	11.0	1880.5	7.4	1883.6	9.6	0.3
Spot 258	137	352896.3	1.2	6.9	0.5	8.4	1.0	0.4	0.8	0.85798	2277.9	16.2	2275.3	8.9	2272.8	8.7	-0.2
Spot 259	131	95765.2	2.1	7.1	0.5	7.8	1.0	0.4	0.9	0.85718	2179.9	16.3	2206.6	9.3	2231.4	9.2	2.3
Spot 260	111	9409.1	1.5	5.7	0.8	11.0	1.0	0.5	0.6	0.59671	2427.5	12.3	2523.8	9.4	2602.2	13.6	6.7
Spot 261	92	276775.8	2.6	5.5	0.5	13.0	1.1	0.5	1.0	0.88918	2690.3	22.5	2681.0	10.8	2673.9	8.7	-0.6
Spot 262	173	170510.7	2.0	8.5	0.6	5.5	1.0	0.3	0.8	0.77955	1911.0	12.8	1907.6	8.6	1903.8	11.2	-0.4
Spot 263	55	103770.1	1.0	6.7	0.6	8.9	1.0	0.4	0.8	0.80440	2321.5	16.1	2326.9	9.4	2331.6	10.5	0.4
Spot 264	214	10108.0	1.0	6.6	0.6	8.3	1.3	0.4	1.2	0.89545	2178.2	21.6	2268.4	11.8	2350.7	9.9	7.3
Spot 265	149	192265.0	1.4	7.8	0.5	6.8	0.8	0.4	0.6	0.72758	2099.5	10.2	2081.2	6.9	2063.2	9.4	-1.8
Spot 267	87	403545.2	2.8	7.4	0.6	7.3	0.9	0.4	0.8	0.80333	2156.3	13.9	2152.0	8.4	2147.9	9.8	-0.4
Spot 268	61	107146.7	0.9	7.6	0.7	7.2	1.1	0.4	0.8	0.73444	2166.1	14.4	2134.5	9.5	2104.3	12.7	-2.9
Spot 269	137	625460.7	2.0	5.6	0.5	12.6	0.9	0.5	0.7	0.80752	2663.3	16.4	2650.8	8.7	2641.4	9.1	-0.8
Spot 270	63	#####	2.1	7.6	0.7	7.3	1.0	0.4	0.7	0.70648	2171.6	13.6	2144.0	9.3	2117.7	13.0	-2.5

Spot 271	128	204546.0	2.1	5.5	0.5	12.9	1.1	0.5	1.0	0.89070	2670.2	22.2	2669.6	10.7	2669.1	8.6	0.0
Spot 272	152	942151.4	1.9	8.5	0.7	5.5	1.2	0.3	1.0	0.84687	1897.0	17.1	1904.3	10.6	1912.2	11.7	0.8
Spot 273	133	157937.5	0.9	7.7	0.5	6.7	0.9	0.4	0.7	0.79369	2064.7	12.3	2074.1	7.7	2083.5	9.4	0.9
Spot 274	16	24887.6	1.1	8.5	0.9	5.3	1.3	0.3	0.9	0.71860	1828.4	14.4	1861.4	10.7	1898.5	15.7	3.7
Spot 275	94	36489.5	3.3	7.1	0.6	8.1	1.2	0.4	1.0	0.84815	2284.7	19.8	2246.5	11.0	2211.7	11.2	-3.3
Spot 276	15	15446.1	0.4	5.6	0.7	12.9	1.1	0.5	0.9	0.79397	2731.1	20.1	2675.0	10.7	2632.8	11.5	-3.7
Spot 277	173	259892.7	2.5	5.5	0.6	13.1	1.0	0.5	0.8	0.81005	2718.4	18.2	2690.1	9.5	2668.9	9.8	-1.9
Spot 278	183	12039.1	2.1	7.6	1.0	6.1	1.3	0.3	0.8	0.61711	1898.3	12.9	1988.0	11.1	2082.7	17.7	8.9
Spot 279	141	103481.3	0.7	8.3	0.7	5.5	1.2	0.3	0.9	0.76876	1878.8	14.6	1907.2	10.0	1938.2	13.3	3.1
Spot 280	38	86598.4	2.0	3.8	1.0	24.8	1.5	0.7	1.1	0.75073	3353.9	29.1	3299.8	14.5	3267.2	15.4	-2.7
Spot 281	117	1167701.8	2.6	5.5	0.6	13.0	1.2	0.5	1.0	0.87083	2691.3	22.5	2678.2	11.1	2668.3	9.6	-0.9
Spot 282	149	651684.3	1.8	5.4	0.5	12.7	0.9	0.5	0.8	0.85005	2640.1	17.1	2658.8	8.7	2673.1	8.1	1.2
Spot 283	81	53667.1	1.0	5.6	0.6	12.1	1.0	0.5	0.9	0.83945	2621.1	19.0	2615.9	9.8	2611.8	9.5	-0.4
Spot 284	112	82817.7	1.5	7.6	0.6	7.1	1.1	0.4	0.9	0.82633	2151.5	17.2	2125.4	10.1	2100.2	11.2	-2.4
Spot 285	245	246745.3	4.7	6.3	0.6	9.7	1.3	0.4	1.1	0.88585	2389.3	22.1	2408.3	11.5	2424.4	9.9	1.4
Spot 286	115	42816.6	1.6	7.4	0.5	7.2	0.9	0.4	0.8	0.81527	2150.7	14.0	2142.7	8.4	2135.0	9.5	-0.7
Spot 287	70	90126.0	2.4	7.4	0.5	7.2	1.0	0.4	0.9	0.87025	2127.2	15.5	2135.6	8.8	2143.7	8.5	0.8
Spot 288	28	177639.7	2.7	6.5	0.7	9.7	1.2	0.5	1.0	0.84479	2427.1	21.0	2404.7	11.3	2385.8	11.2	-1.7
Spot 289	281	211266.6	3.1	5.5	0.7	13.0	1.2	0.5	1.0	0.82627	2698.1	21.6	2677.4	11.2	2661.8	11.1	-1.4
Spot 291	76	89704.0	3.4	7.5	0.5	7.2	1.0	0.4	0.9	0.85088	2131.0	15.7	2132.8	9.1	2134.6	9.4	0.2
Spot 292	169	20880.6	5.0	5.5	0.5	11.5	1.0	0.5	0.9	0.87571	2457.0	18.2	2568.1	9.5	2657.0	8.2	7.5
Spot 293	76	199951.9	1.9	5.8	0.6	11.4	1.2	0.5	1.1	0.87461	2558.5	22.3	2558.6	11.3	2558.7	9.8	0.0
Spot 294	199	422392.5	2.2	5.0	0.5	15.2	1.1	0.6	1.0	0.88298	2844.2	22.7	2825.4	10.6	2812.0	8.6	-1.1
Spot 295	92	7204.3	2.0	5.6	1.1	10.9	1.4	0.4	0.8	0.56979	2377.5	15.8	2510.6	12.9	2620.0	19.0	9.3
Spot 296	29	111731.0	0.5	7.6	0.7	7.1	1.1	0.4	0.9	0.78564	2145.8	16.2	2118.6	10.1	2092.2	12.3	-2.6
Spot 297	105	714972.2	1.3	7.2	0.7	7.7	1.1	0.4	0.9	0.80285	2189.0	16.9	2194.6	10.2	2199.8	11.8	0.5
Spot 298	53	117618.5	3.1	7.4	0.6	7.4	1.1	0.4	0.9	0.84052	2173.3	16.9	2164.1	9.7	2155.5	10.3	-0.8
Spot 299	58	580283.8	2.8	7.5	0.6	7.1	0.9	0.4	0.7	0.75391	2121.9	11.8	2118.6	7.7	2115.3	10.0	-0.3
Spot 300	190	317001.4	2.2	5.5	0.5	13.1	1.1	0.5	1.0	0.89122	2728.7	22.0	2684.2	10.5	2650.9	8.4	-2.9
Spot 301	244	1977041.7	1.6	5.5	0.4	12.6	0.9	0.5	0.8	0.86900	2661.3	16.6	2651.5	8.3	2644.1	7.2	-0.6
Spot 302	90	117875.8	1.7	7.6	0.6	6.9	1.0	0.4	0.8	0.76175	2110.7	13.6	2101.1	8.8	2091.6	11.3	-0.9
Spot 303	165	1744640.9	2.0	7.2	0.6	7.7	1.5	0.4	1.4	0.92142	2207.1	26.3	2199.3	13.7	2192.0	10.3	-0.7
Spot 304	158	89769.8	1.3	8.5	0.5	5.3	1.0	0.3	0.9	0.84741	1862.9	13.8	1876.8	8.6	1892.3	9.6	1.6
Spot 305	107	145365.5	2.6	8.6	0.5	5.5	1.1	0.3	1.0	0.88914	1921.2	16.9	1896.5	9.8	1869.6	9.4	-2.8
Spot 306	59	71950.6	1.8	7.5	0.6	7.3	1.1	0.4	0.9	0.81761	2174.5	16.1	2143.1	9.5	2113.1	10.8	-2.9
Spot 307	65	104053.3	1.5	7.3	0.7	7.6	1.0	0.4	0.7	0.71685	2201.2	13.0	2180.4	8.7	2161.0	11.9	-1.9
Spot 308	64	86004.0	2.8	7.5	0.6	7.3	1.0	0.4	0.8	0.81545	2182.2	15.0	2153.6	8.9	2126.5	10.1	-2.6
Spot 309	121	104976.5	0.5	8.3	0.5	5.9	0.9	0.4	0.8	0.84866	1976.0	13.5	1964.2	8.1	1951.8	8.8	-1.2
Spot 311	177	155657.8	1.6	6.3	0.8	9.5	1.2	0.4	0.8	0.69541	2343.4	16.1	2387.4	10.8	2425.1	14.4	3.4
Spot 312	104	102313.9	2.3	5.4	0.5	13.2	1.0	0.5	0.8	0.84712	2729.7	18.3	2696.0	9.2	2670.8	8.5	-2.2
Spot 313	260	7467.0	3.1	7.1	1.1	6.2	1.8	0.3	1.4	0.78137	1834.1	21.8	2010.9	15.3	2197.7	19.0	16.5
Spot 314	112	253871.5	3.7	7.6	0.7	6.9	1.1	0.4	0.9	0.78712	2076.8	15.4	2093.0	9.8	2109.0	12.0	1.5
Spot 315	170	11436.0	1.4	6.5	0.8	7.5	1.2	0.4	1.0	0.77802	1983.3	16.6	2168.1	11.2	2347.9	13.4	15.5

Run 3 (discordant)

Spot 124	746	4559.7	1.8	6.8	1.7	6.7	2.9	0.3	2.4	0.81320	1827.3	37.7	2067.2	25.7	2315.6	29.1	21.1
Spot 14	117	150958.7	1.5	7.4	0.6	5.7	1.5	0.3	1.4	0.91572	1712.4	20.3	1924.3	12.7	2161.0	10.4	20.8
Spot 156	227	6762.6	2.2	7.4	1.9	5.0	2.9	0.3	2.3	0.76618	1547.8	31.0	1827.2	24.9	2162.5	32.9	28.4
Spot 161	1987	73211.9	10.6	9.3	0.6	3.5	1.0	0.2	0.8	0.79480	1351.0	9.3	1520.7	7.5	1765.7	10.6	23.5
Spot 290	126	24243.5	1.0	8.2	0.8	4.6	2.5	0.3	2.4	0.95313	1552.8	33.3	1747.4	21.1	1988.9	13.6	21.9
Spot 310	238	6646.9	1.6	7.3	0.7	5.7	1.3	0.3	1.1	0.82161	1700.2	16.1	1933.8	11.3	2194.3	13.0	22.5
Spot 70	86	63627.2	1.7	8.6	0.6	5.8	1.1	0.4	0.9	0.85414	2001.8	15.7	1950.9	9.3	1897.3	10.0	-5.5