

**Data Repository Item D** – Analytical results from detrital zircons from Beaver Lake  
Formation sandstones and nearby modern rivers

Data Repository Item DRD - U-Pb zircon geochronologic analyses for Beaver Lake Formation sandstones and modern rivers near Beaver Lake

						Isotope ratios						Apparent ages (Ma)							
Analysis	U	206Pb	U/Th	206Pb*	±	207Pb*	±	206Pb*	±	error	206Pb*	±	207Pb*	±	206Pb*	±	Best age	±	
	(ppm)	204Pb		207Pb*	(%)	235U*	(%)	238U	(%)	corr.	238U*	(Ma)	235U	(Ma)	207Pb*	(Ma)	(Ma)	(Ma)	
WP87-T (Beaver Lake Formation tuffaceous siltstone from Eucher Mountain)																			
WP87-T Spot 282	515	24039	0.9	20.5697	1.3	0.1204	2.0	0.0180	1.6	0.78	114.8	1.8	115.4	2.2	128.3	29.9	114.8	1.8	
WP87-T Spot 128	137	12766	3.3	20.1864	2.1	0.1263	3.0	0.0185	2.0	0.69	118.1	2.4	120.7	3.4	172.3	50.0	118.1	2.4	
WP87-T Spot 177	128	5818	2.6	20.2817	2.6	0.1258	3.2	0.0185	1.9	0.59	118.2	2.2	120.3	3.6	161.4	60.6	118.2	2.2	
WP87-T Spot 297	477	76605	1.3	19.8708	1.2	0.1288	2.1	0.0186	1.7	0.80	118.6	1.9	123.0	2.4	209.0	28.6	118.6	1.9	
WP87-T Spot 94	156	4567	3.1	21.6034	2.4	0.1186	2.9	0.0186	1.6	0.55	118.8	1.9	113.8	3.1	11.6	58.6	118.8	1.9	
WP87-T Spot 97	398	15543	1.3	20.6423	1.6	0.1242	2.6	0.0186	2.1	0.81	118.8	2.5	118.8	2.9	120.0	36.7	118.8	2.5	
WP87-T Spot 90	507	47327	1.8	20.8126	1.3	0.1232	2.2	0.0186	1.7	0.80	118.9	2.1	118.0	2.4	100.6	31.1	118.9	2.1	
WP87-T Spot 308	247	245645	2.2	20.6801	1.4	0.1241	2.0	0.0186	1.5	0.74	118.9	1.8	118.8	2.3	115.7	31.9	118.9	1.8	
WP87-T Spot 117	369	40989	2.1	20.7051	1.5	0.1240	2.6	0.0186	2.2	0.83	119.0	2.6	118.7	2.9	112.8	34.3	119.0	2.6	
WP87-T Spot 182	366	473860	2.1	20.7060	1.1	0.1244	1.9	0.0187	1.5	0.80	119.3	1.8	119.0	2.1	112.7	26.7	119.3	1.8	
WP87-T Spot 306	356	45134	2.4	20.3664	1.0	0.1265	2.0	0.0187	1.8	0.86	119.4	2.1	121.0	2.3	151.6	24.4	119.4	2.1	
WP87-T Spot 62	347	17218	2.1	20.7904	1.4	0.1241	2.2	0.0187	1.8	0.79	119.6	2.1	118.8	2.5	103.1	32.4	119.6	2.1	
WP87-T Spot 124	243	38218	2.2	19.8914	1.3	0.1298	2.1	0.0187	1.7	0.78	119.6	2.0	123.9	2.5	206.6	31.1	119.6	2.0	
WP87-T Spot 181	328	18386	1.2	20.3803	1.9	0.1268	2.8	0.0188	2.0	0.74	119.8	2.4	121.2	3.2	150.0	43.9	119.8	2.4	
WP87-T Spot 292	288	11621	2.6	20.4225	1.7	0.1266	2.2	0.0188	1.5	0.66	119.8	1.7	121.0	2.5	145.1	39.5	119.8	1.7	
WP87-T Spot 242	258	19563	2.0	20.7372	1.5	0.1246	2.3	0.0188	1.7	0.75	119.8	2.1	119.3	2.6	109.2	35.8	119.8	2.1	
WP87-T Spot 8	372	32358	1.7	20.4325	1.1	0.1267	2.1	0.0188	1.8	0.86	120.0	2.1	121.2	2.4	144.0	24.9	120.0	2.1	
WP87-T Spot 83	256	81083	2.5	20.4058	1.5	0.1269	2.2	0.0188	1.6	0.72	120.0	1.9	121.3	2.5	147.1	35.9	120.0	1.9	
WP87-T Spot 73	242	19348	2.7	20.7239	1.8	0.1252	2.0	0.0188	1.0	0.50	120.3	1.2	119.8	2.3	110.7	41.7	120.3	1.2	
WP87-T Spot 254	189	5873	2.5	21.6662	1.6	0.1199	2.2	0.0188	1.5	0.69	120.4	1.8	115.0	2.4	4.7	38.0	120.4	1.8	
WP87-T Spot 261	606	68766	2.3	20.3561	1.1	0.1276	2.1	0.0188	1.7	0.84	120.4	2.1	121.9	2.4	152.8	26.3	120.4	2.1	
WP87-T Spot 127	141	5154	2.9	22.1431	3.8	0.1173	4.1	0.0189	1.5	0.37	120.4	1.8	112.6	4.4	NA	NA	120.4	1.8	
WP87-T Spot 139	144	12244	3.0	20.6775	1.7	0.1257	2.2	0.0189	1.5	0.66	120.4	1.8	120.2	2.5	116.0	39.9	120.4	1.8	
WP87-T Spot 59	268	8177	2.4	21.1846	1.8	0.1227	2.2	0.0189	1.4	0.61	120.4	1.6	117.5	2.5	58.5	42.1	120.4	1.6	
WP87-T Spot 146	151	9627	2.6	21.0036	1.8	0.1238	2.3	0.0189	1.4	0.62	120.5	1.7	118.5	2.5	78.9	42.1	120.5	1.7	
WP87-T Spot 39	456	15874	1.3	21.1501	1.2	0.1230	2.2	0.0189	1.9	0.85	120.5	2.2	117.8	2.5	62.4	28.0	120.5	2.2	
WP87-T Spot 93	429	11878	1.7	20.9485	1.0	0.1242	2.1	0.0189	1.9	0.88	120.6	2.2	118.9	2.4	85.2	24.6	120.6	2.2	
WP87-T Spot 50	324	12368	3.0	20.7969	1.1	0.1251	2.0	0.0189	1.7	0.84	120.6	2.0	119.7	2.2	102.4	25.5	120.6	2.0	
WP87-T Spot 249	542	119858	1.2	20.5330	1.5	0.1268	2.6	0.0189	2.1	0.81	120.6	2.5	121.2	3.0	132.5	35.6	120.6	2.5	
WP87-T Spot 37	241	19956	2.2	20.9880	1.7	0.1240	2.2	0.0189	1.4	0.65	120.6	1.7	118.7	2.5	80.7	40.5	120.6	1.7	
WP87-T Spot 262	122	8104	3.7	22.3895	1.9	0.1163	2.4	0.0189	1.5	0.61	120.7	1.8	111.7	2.5	NA	NA	120.7	1.8	
WP87-T Spot 9	182	58961	2.6	20.5924	1.6	0.1265	2.2	0.0189	1.5	0.70	120.7	1.8	121.0	2.5	125.7	36.7	120.7	1.8	
WP87-T Spot 151	301	11853	2.4	20.8420	1.6	0.1251	2.6	0.0189	2.0	0.78	120.8	2.4	119.7	2.9	97.2	38.7	120.8	2.4	
WP87-T Spot 20	209	9358	2.8	20.7418	2.0	0.1257	2.3	0.0189	1.2	0.51	120.8	1.4	120.3	2.6	108.7	47.4	120.8	1.4	
WP87-T Spot 303	256	21110	2.4	20.9032	1.5	0.1248	2.0	0.0189	1.3	0.66	120.9	1.6	119.4	2.3	90.3	35.7	120.9	1.6	
WP87-T Spot 153	104	26037	1.8	19.7507	2.2	0.1321	2.7	0.0189	1.6	0.58	120.9	1.9	126.0	3.2	223.1	50.4	120.9	1.9	
WP87-T Spot 246	382	29038	1.9	20.5754	1.2	0.1270	2.3	0.0190	1.9	0.84	121.0	2.3	121.4	2.6	127.7	29.2	121.0	2.3	
WP87-T Spot 165	259	1281928	2.2	20.4508	1.9	0.1277	2.1	0.0190	1.0	0.48	121.0	1.2	122.1	2.4	141.9	43.5	121.0	1.2	
WP87-T Spot 220	107	6225	2.4	21.4797	2.1	0.1216	2.4	0.0190	1.1	0.48	121.1	1.3	116.5	2.6	25.4	49.8	121.1	1.3	
WP87-T Spot 260	217	15102	2.2	20.8871	1.3	0.1251	1.9	0.0190	1.3	0.71	121.1	1.6	119.7	2.1	92.1	31.0	121.1	1.6	
WP87-T Spot 100	701	72600	1.8	20.3344	1.0	0.1285	2.0	0.0190	1.8	0.86	121.1	2.1	122.7	2.4	155.3	24.3	121.1	2.1	
WP87-T Spot 191	243	15490	2.5	20.9084	1.7	0.1250	2.4	0.0190	1.7	0.70	121.1	2.1	119.6	2.8	89.7	41.2	121.1	2.1	
WP87-T Spot 270	327	13083	1.9	20.8302	1.7	0.1255	2.4	0.0190	1.7	0.70	121.1	2.0	120.1	2.7	98.6	40.3	121.1	2.0	
WP87-T Spot 40	384	19775	2.3	20.5608	1.3	0.1272	2.1	0.0190	1.6	0.78	121.2	1.9	121.6	2.4	129.3	30.9	121.2	1.9	
WP87-T Spot 230	249	10654	2.8	21.2368	1.4	0.1232	1.7	0.0190	1.0	0.59	121.2	1.2	117.9	1.9	52.7	32.8	121.2	1.2	
WP87-T Spot 208	121	5198	3.6	21.7362	3.3	0.1204	3.5	0.0190	1.1	0.31	121.2	1.3	115.4	3.8	NA	NA	121.2	1.3	
WP87-T Spot 180	192	13685	2.6	20.1147	2.0	0.1301	2.6	0.0190	1.7	0.64	121.2	2.0	124.2	3.0	180.6	46.5	121.2	2.0	
WP87-T Spot 223	350	67167	2.6	20.4609	1.6	0.1280	2.4	0.0190	1.8	0.75	121.3	2.1	122.3	2.7	140.8	37.0	121.3	2.1	
WP87-T Spot 287	455	28475	14.3	19.8048	1.5	0.1322	2.3	0.0190	1.7	0.74	121.4	2.1	126.1	2.7	216.7	35.5	121.4	2.1	
WP87-T Spot 105	334	44231	2.2	20.4891	1.2	0.1279	2.2	0.0190	1.8	0.83	121.4	2.2	122.2	2.5	137.5	28.9	121.4	2.2	
WP87-T Spot 206	157	6171	2.6	21.1284	2.1	0.1241	2.5	0.0190	1.3	0.53	121.5	1.6	118.8	2.8	64.8	50.2	121.5	1.6	
WP87-T Spot 125	154	116670	2.4	20.5266	1.7	0.1277	2.6	0.0190	2.0	0.78	121.5	2.5	122.0	3.0	133.2	39.0	121.5	2.5	
WP87-T Spot 48	136	14635	3.5	20.4888	2.3	0.1280	2.9	0.0190	1.6	0.57	121.5	2.0	122.3	3.3	137.6	55.1	121.5	2.0	
WP87-T Spot 154	383	93418	2.1	20.5137	1.5	0.1278	2.2	0.0190	1.5	0.72	121.5	1.9	122.2						

WP87-T Spot 110	259	8809	2.2	21.3718	1.6	0.1233	2.2	0.0191	1.6	0.71	122.1	1.9	118.1	2.5	37.5	37.7	122.1	1.9
WP87-T Spot 218	181	37763	2.8	20.6123	1.8	0.1279	2.3	0.0191	1.5	0.63	122.1	1.8	122.2	2.7	123.4	42.9	122.1	1.8
WP87-T Spot 106	220	26447	3.0	20.7164	1.4	0.1273	2.1	0.0191	1.5	0.71	122.1	1.8	121.6	2.4	111.5	34.2	122.1	1.8
WP87-T Spot 235	292	36489	1.5	20.9597	1.5	0.1258	2.0	0.0191	1.3	0.63	122.2	1.5	120.3	2.3	83.9	36.4	122.2	1.5
WP87-T Spot 307	138	6321	2.4	21.9729	3.1	0.1200	3.4	0.0191	1.4	0.40	122.2	1.7	115.1	3.7	NA	NA	122.2	1.7
WP87-T Spot 205	149	13587	3.4	20.8495	2.1	0.1265	2.3	0.0191	1.1	0.46	122.2	1.3	120.9	2.7	96.4	49.2	122.2	1.3
WP87-T Spot 178	322	14491	2.5	20.4713	1.3	0.1288	2.8	0.0191	2.5	0.88	122.2	3.0	123.0	3.2	139.5	30.9	122.2	3.0
WP87-T Spot 209	176	94411	3.4	20.0751	1.8	0.1314	2.1	0.0191	1.1	0.52	122.2	1.4	125.3	2.5	185.2	42.6	122.2	1.4
WP87-T Spot 134	227	40039	3.2	20.9067	1.7	0.1262	2.1	0.0191	1.2	0.58	122.2	1.5	120.7	2.3	89.9	39.7	122.2	1.5
WP87-T Spot 126	203	12198	2.4	20.5122	2.2	0.1287	2.5	0.0192	1.2	0.47	122.3	1.4	122.9	2.9	134.9	51.5	122.3	1.4
WP87-T Spot 203	267	26064	2.6	20.7326	1.4	0.1273	2.0	0.0192	1.4	0.71	122.3	1.7	121.7	2.3	109.7	33.2	122.3	1.7
WP87-T Spot 233	288	13828	2.2	20.1792	1.6	0.1308	2.1	0.0192	1.3	0.62	122.3	1.6	124.8	2.4	173.2	38.0	122.3	1.6
WP87-T Spot 19	253	21103	2.5	21.1233	1.6	0.1250	2.0	0.0192	1.2	0.58	122.3	1.4	119.6	2.3	65.4	38.8	122.3	1.4
WP87-T Spot 104	251	50579	1.5	19.6424	1.5	0.1345	2.0	0.0192	1.2	0.63	122.4	1.5	128.1	2.4	235.8	34.9	122.4	1.5
WP87-T Spot 173	118	6569	3.6	21.2479	1.3	0.1243	2.0	0.0192	1.5	0.76	122.4	1.8	119.0	2.3	51.4	31.3	122.4	1.8
WP87-T Spot 202	220	13466	2.7	20.5436	1.3	0.1286	1.8	0.0192	1.2	0.68	122.4	1.5	122.8	2.1	131.3	30.8	122.4	1.5
WP87-T Spot 219	217	27474	2.8	20.6204	1.7	0.1281	2.1	0.0192	1.2	0.58	122.4	1.4	122.4	2.4	122.5	39.4	122.4	1.4
WP87-T Spot 13	196	1313601	3.1	20.5847	1.5	0.1284	2.2	0.0192	1.7	0.76	122.4	2.1	122.6	2.6	126.6	34.5	122.4	2.1
WP87-T Spot 111	229	49754	2.4	20.6168	1.5	0.1282	2.2	0.0192	1.6	0.74	122.4	2.0	122.5	2.5	122.9	34.3	122.4	2.0
WP87-T Spot 212	225	10661	2.2	20.8824	1.9	0.1266	2.4	0.0192	1.4	0.60	122.5	1.7	121.0	2.7	92.7	45.0	122.5	1.7
WP87-T Spot 222	328	8255	2.3	21.2332	1.5	0.1245	2.7	0.0192	2.3	0.84	122.5	2.8	119.1	3.1	53.1	35.4	122.5	2.8
WP87-T Spot 77	289	20296	2.2	20.3265	1.7	0.1301	2.3	0.0192	1.6	0.69	122.5	1.9	124.2	2.7	156.2	39.3	122.5	1.9
WP87-T Spot 221	257	37183	3.0	20.3072	1.3	0.1302	2.0	0.0192	1.5	0.76	122.5	1.9	124.3	2.4	158.4	31.4	122.5	1.9
WP87-T Spot 217	165	101139	3.0	19.7008	2.4	0.1342	2.9	0.0192	1.6	0.56	122.5	1.9	127.9	3.4	228.9	54.9	122.5	1.9
WP87-T Spot 313	111	2759	2.7	22.8271	2.2	0.1159	2.6	0.0192	1.5	0.56	122.6	1.8	111.4	2.8	NA	NA	122.6	1.8
WP87-T Spot 200	233	23071	2.1	20.3996	1.9	0.1298	2.4	0.0192	1.4	0.59	122.6	1.7	123.9	2.8	147.8	44.7	122.6	1.7
WP87-T Spot 298	529	27466	2.2	20.9258	1.0	0.1265	2.0	0.0192	1.8	0.86	122.6	2.1	121.0	2.3	87.8	44.5	122.6	2.1
WP87-T Spot 113	163	4655	2.5	21.1619	3.9	0.1252	4.1	0.0192	1.3	0.32	122.7	1.6	119.7	4.6	61.1	92.7	122.7	1.6
WP87-T Spot 279	198	41911	2.4	20.8252	1.6	0.1272	2.1	0.0192	1.4	0.66	122.8	1.7	121.6	2.4	99.2	37.0	122.8	1.7
WP87-T Spot 275	164	16584	2.4	20.7169	1.7	0.1279	2.3	0.0192	1.6	0.70	122.8	2.0	122.2	2.7	111.5	39.2	122.8	2.0
WP87-T Spot 107	291	12406	2.4	20.5173	1.4	0.1292	2.0	0.0192	1.5	0.73	122.8	1.8	123.4	2.4	134.3	32.5	122.8	1.8
WP87-T Spot 176	355	48815	1.9	20.9697	1.4	0.1264	2.6	0.0192	2.2	0.84	122.8	2.6	120.9	2.9	82.8	32.5	122.8	2.6
WP87-T Spot 276	360	29716	2.2	20.7420	1.3	0.1279	2.3	0.0192	1.8	0.81	122.9	2.2	122.2	2.6	108.6	31.8	122.9	2.2
WP87-T Spot 169	240	23109	2.2	20.7692	1.8	0.1277	2.2	0.0192	1.3	0.59	122.9	1.6	122.0	2.5	105.5	41.6	122.9	1.6
WP87-T Spot 119	123	86637	2.3	20.5322	2.1	0.1292	2.5	0.0193	1.4	0.55	122.9	1.7	123.4	2.9	132.6	49.3	122.9	1.7
WP87-T Spot 214	178	49982	2.8	20.3464	1.2	0.1304	1.9	0.0193	1.4	0.76	122.9	1.8	124.5	2.2	153.9	28.7	122.9	1.8
WP87-T Spot 195	182	15587	2.8	20.9511	1.6	0.1267	2.3	0.0193	1.6	0.69	122.9	1.9	121.1	2.6	84.9	38.7	122.9	1.9
WP87-T Spot 241	439	71631	1.5	20.6122	1.3	0.1288	2.3	0.0193	1.9	0.84	123.0	2.3	123.0	2.7	123.4	29.6	123.0	2.3
WP87-T Spot 16	246	27008	2.6	21.1409	1.5	0.1256	1.8	0.0193	0.9	0.48	123.0	1.0	120.1	2.0	63.5	36.7	123.0	1.0
WP87-T Spot 274	138	50655	2.7	20.0261	2.4	0.1326	2.8	0.0193	1.4	0.51	123.0	1.7	126.4	3.4	191.0	56.7	123.0	1.7
WP87-T Spot 245	172	98845	2.6	20.4497	1.3	0.1299	1.6	0.0193	0.9	0.55	123.0	1.1	124.0	1.9	142.0	31.5	123.0	1.1
WP87-T Spot 130	200	53216	2.5	20.3594	1.6	0.1305	2.1	0.0193	1.3	0.62	123.1	1.6	124.6	2.5	152.4	38.5	123.1	1.6
WP87-T Spot 213	319	16194	2.6	20.9068	1.6	0.1271	2.6	0.0193	2.1	0.79	123.1	2.5	121.5	3.0	89.9	37.6	123.1	2.5
WP87-T Spot 187	170	8746	3.1	21.1901	1.9	0.1254	2.4	0.0193	1.4	0.61	123.1	1.7	120.0	2.7	57.9	44.5	123.1	1.7
WP87-T Spot 129	309	38181	2.1	20.5399	1.4	0.1294	1.9	0.0193	1.4	0.70	123.1	1.6	123.6	2.3	131.7	32.7	123.1	1.6
WP87-T Spot 108	127	4082	2.4	21.1975	2.0	0.1254	2.4	0.0193	1.2	0.52	123.2	1.5	120.0	2.7	57.1	48.7	123.2	1.5
WP87-T Spot 247	384	36159	2.1	20.4112	1.3	0.1303	2.5	0.0193	2.1	0.85	123.2	2.6	124.3	2.9	146.5	30.1	123.2	2.6
WP87-T Spot 156	305	434448	2.7	20.4606	1.4	0.1300	2.1	0.0193	1.6	0.77	123.2	2.0	124.1	2.5	140.8	32.3	123.2	2.0
WP87-T Spot 248	142	21537	2.6	20.9858	2.1	0.1268	2.9	0.0193	2.0	0.69	123.3	2.4	121.2	3.3	80.9	49.1	123.3	2.4
WP87-T Spot 314	284	15570	2.3	20.8179	1.6	0.1278	2.1	0.0193	1.3	0.63	123.3	1.6	122.1	2.4	100.0	37.9	123.3	1.6
WP87-T Spot 312	126	3772	3.0	21.8387	2.0	0.1219	2.3	0.0193	1.3	0.55	123.3	1.6	116.7	2.6	NA	NA	123.3	1.6
WP87-T Spot 72	203	12160	3.0	20.9339	1.6	0.1271	2.1	0.0193	1.4	0.64	123.3	1.7	121.5	2.5	86.9	38.9	123.3	1.7
WP87-T Spot 252	242	19945	2.3	20.7289	1.7	0.1284	2.4	0.0193	1.7	0.71	123.3	2.1	122.7	2.8	110.1	40.2	123.3	2.1
WP87-T Spot 5	473	48540	1.5	18.1847	1.5	0.1464	2.3	0.0193	1.8	0.77	123.3	2.2	138.7	3.0	410.9	33.4	123.3	2.2
WP87-T Spot 237	326	24614	2.4	20.7484	1.5	0.1283	2.1	0.0193	1.5	0.72	123.4	1.8	122.6	2.4	107.9	34.3	123.4	1.8
WP87-T Spot 285	156	10186	2.7	21.2849	1.7	0.1251	2.4	0.0193	1.7	0.72	123.4	2.1	119.7	2.7	47.2	69.6	123.4	2.1
WP87-T Spot 149	136	7055	3.1	21.6123	2.4	0.1232	2.8	0.0193	1.3	0.47	123.4	1.6	118.0	3.1	10.7	58.7	123.4	1.6
WP87-T Spot 65	236	19614	2.5	20.5525	1.6	0.1296	2.3	0.0193	1.6	0.69	123.4	1.9	123.7	2.6	130.3	38.5	123.4	1.9
WP87-T Spot 231	188	166044	3.3	20.6903	1.8	0.1288	2.7	0.0193	2.0	0.73	123.4	2.4	123.0	3.1	114.5	43.2	123.4	2.4
WP87-T Spot 266	214	51230	2.8	20.1981	1.6	0.1319	2.1	0.0193	1.3	0.63	123.4	1.6	125.8	2.5	171.0	37.8	123.4	1.6
WP87-T Spot 84	408	15098	2.3	20.9736	1.4	0.1270	2.3	0.0193	1.8	0.79	123.4	2.3	121.4	2.7	82.3	33.9	123.4	2.3
WP87-T Spot 172	240	16228	2.6	21.1370	1.7	0.1261	2.1	0.0193	1.3	0.62	123.5	1.6	120.6	2.4	63.9	39.4	123.5	1.6
WP87-T Spot 197	237	13774	3.2	21.0857	2.0	0.1264	2.3	0.0193	1.2	0.50	123.5	1.4	120.8	2.6	69.7	47.4	123.5	1.4
WP87-T Spot 150	188	6786	3.1	21.6342	1.8	0.1232	2.3	0.0193	1.4	0.61	123.5	1.7	118.0	2.5	8.2	43.8	123.5	1.7
WP87-T Spot 120	163	9683	3.0	20.8139	2.1	0.1281	2.4	0.0193	1.3	0.52	123.5	1.5	122.4	2.8	100.5	49.1	123.5	1.5
WP87-T Spot 271	137	745104	2.8	19.5510	1.9	0.1364	2.4	0.0193	1.3	0.57	123.5	1.6	129.8	2.9	246.5	44.6	123.5	1.6
WP87-T Spot 74	423	25397	1.9	20.7332	1.2	0.1286	2.2	0.0194	1.9	0.85	123.6	2.3	122.9	2.5	109.6	27.3	123.6	2.3
WP87-T Spot 163	135																	

WP87-T Spot 115	91	24918	3.3	21.0009	2.6	0.1276	2.9	0.0194	1.4	0.47	124.1	1.7	121.9	3.4	79.2	61.7	124.1	1.7
WP87-T Spot 53	223	29436	3.0	20.8830	1.9	0.1283	2.5	0.0194	1.6	0.65	124.1	2.0	122.6	2.9	92.6	44.9	124.1	2.0
WP87-T Spot 238	235	5920	2.6	21.0593	1.7	0.1273	2.5	0.0194	1.9	0.75	124.2	2.3	121.6	2.9	72.6	39.8	124.2	2.3
WP87-T Spot 86	241	6244	1.8	21.3401	1.8	0.1256	2.3	0.0194	1.5	0.64	124.2	1.8	120.1	2.6	41.1	42.4	124.2	1.8
WP87-T Spot 272	200	140512	1.8	19.2672	1.9	0.1391	2.3	0.0194	1.4	0.60	124.2	1.7	132.2	2.9	280.1	42.4	124.2	1.7
WP87-T Spot 234	256	5798543	2.2	20.5809	1.5	0.1302	2.1	0.0194	1.4	0.69	124.2	1.8	124.3	2.5	127.0	35.8	124.2	1.8
WP87-T Spot 210	110	8390	3.7	20.8631	1.9	0.1285	2.4	0.0194	1.4	0.60	124.2	1.8	122.7	2.8	94.9	45.4	124.2	1.8
WP87-T Spot 215	293	11533	1.7	21.2196	1.8	0.1263	2.6	0.0194	1.8	0.71	124.2	2.2	120.8	2.9	54.6	42.8	124.2	2.2
WP87-T Spot 99	83	19492	2.9	15.9736	2.2	0.1679	2.5	0.0195	1.2	0.49	124.2	1.5	157.6	3.7	693.8	47.1	124.2	1.5
WP87-T Spot 96	109	102855	3.6	17.5721	2.5	0.1526	2.8	0.0195	1.3	0.46	124.2	1.6	144.2	3.8	487.0	54.8	124.2	1.6
WP87-T Spot 289	232	60147	2.9	20.6614	1.5	0.1298	2.1	0.0195	1.4	0.67	124.3	1.7	123.9	2.4	117.8	36.6	124.3	1.7
WP87-T Spot 24	239	5960	2.8	21.6604	3.0	0.1239	3.3	0.0195	1.4	0.42	124.3	1.7	118.6	3.7	5.3	73.2	124.3	1.7
WP87-T Spot 243	133	3779	2.5	22.7164	1.7	0.1181	2.5	0.0195	1.8	0.72	124.3	2.2	113.3	2.7	NA	NA	124.3	2.2
WP87-T Spot 46	195	34525	3.0	21.2226	1.5	0.1264	1.9	0.0195	1.2	0.64	124.3	1.5	120.9	2.2	54.3	35.5	124.3	1.5
WP87-T Spot 201	289	26098	2.0	20.5390	1.4	0.1306	1.9	0.0195	1.2	0.66	124.3	1.5	124.7	2.2	131.8	33.2	124.3	1.5
WP87-T Spot 281	295	16779	2.7	20.9946	1.7	0.1279	2.5	0.0195	1.8	0.71	124.3	2.2	122.2	2.8	79.9	41.1	124.3	2.2
WP87-T Spot 17	143	19759	2.6	21.5806	1.9	0.1244	2.2	0.0195	1.2	0.53	124.4	1.4	119.0	2.5	14.2	44.8	124.4	1.4
WP87-T Spot 109	379	142145	2.1	20.0820	1.2	0.1337	2.3	0.0195	2.0	0.86	124.4	2.5	127.4	2.8	184.4	28.0	124.4	2.5
WP87-T Spot 253	123	8984	3.7	20.5706	1.7	0.1306	2.2	0.0195	1.5	0.66	124.4	1.8	124.6	2.6	128.2	39.8	124.4	1.8
WP87-T Spot 280	256	30953	1.9	20.7248	1.2	0.1297	1.9	0.0195	1.4	0.75	124.5	1.7	123.8	2.2	110.6	29.1	124.5	1.7
WP87-T Spot 0	143	8074	3.1	21.3795	2.0	0.1257	2.3	0.0195	1.2	0.52	124.5	1.5	120.2	2.6	36.6	47.5	124.5	1.5
WP87-T Spot 85	153	8077	2.6	18.4061	3.0	0.1460	3.3	0.0195	1.3	0.39	124.5	1.6	138.4	4.2	383.7	67.8	124.5	1.6
WP87-T Spot 31	122	50223	3.4	21.1704	2.1	0.1270	2.6	0.0195	1.5	0.59	124.5	1.9	121.4	3.0	60.1	49.7	124.5	1.9
WP87-T Spot 269	297	45762	2.4	20.3885	1.6	0.1318	2.0	0.0195	1.2	0.62	124.5	1.5	125.8	2.4	149.1	37.0	124.5	1.5
WP87-T Spot 21	133	50397	3.0	20.2316	1.8	0.1329	2.2	0.0195	1.4	0.61	124.5	1.7	126.7	2.7	167.1	41.4	124.5	1.7
WP87-T Spot 79	206	34344	2.8	20.4549	1.8	0.1315	2.2	0.0195	1.3	0.60	124.6	1.6	125.4	2.6	141.5	41.3	124.6	1.6
WP87-T Spot 23	248	25232	2.7	20.8355	1.5	0.1291	2.0	0.0195	1.3	0.66	124.6	1.6	123.3	2.3	98.0	35.6	124.6	1.6
WP87-T Spot 43	104	6502	3.3	21.2296	2.4	0.1267	2.8	0.0195	1.6	0.56	124.6	2.0	121.1	3.2	53.5	56.3	124.6	2.0
WP87-T Spot 28	154	5746	2.8	21.7730	1.5	0.1235	2.1	0.0195	1.4	0.67	124.6	1.7	118.3	2.3	NA	NA	124.6	1.7
WP87-T Spot 189	187	12119	2.8	20.7618	2.0	0.1296	2.4	0.0195	1.4	0.58	124.6	1.7	123.7	2.8	106.3	46.4	124.6	1.7
WP87-T Spot 29	135	32772	2.2	20.5584	2.5	0.1309	2.8	0.0195	1.3	0.48	124.6	1.7	124.9	3.3	129.6	57.9	124.6	1.7
WP87-T Spot 11	149	107256	2.8	20.4584	1.3	0.1315	1.9	0.0195	1.3	0.70	124.7	1.6	125.5	2.2	141.0	31.3	124.7	1.6
WP87-T Spot 92	117	5111	3.3	21.6593	1.8	0.1243	2.3	0.0195	1.5	0.62	124.7	1.8	118.9	2.6	5.5	44.2	124.7	1.8
WP87-T Spot 80	201	11579	2.3	21.3574	1.6	0.1260	2.1	0.0195	1.4	0.68	124.7	1.8	120.5	2.4	39.2	37.5	124.7	1.8
WP87-T Spot 273	155	25717	3.2	20.8573	2.2	0.1291	2.6	0.0195	1.4	0.53	124.7	1.7	123.3	3.1	95.5	52.7	124.7	1.7
WP87-T Spot 232	207	10339	2.4	20.9460	2.1	0.1286	2.7	0.0195	1.7	0.61	124.7	2.0	122.8	3.1	85.5	50.2	124.7	2.0
WP87-T Spot 101	245	17966	2.6	20.6252	1.5	0.1306	2.1	0.0195	1.4	0.67	124.8	1.7	124.6	2.4	121.9	36.0	124.8	1.7
WP87-T Spot 36	119	3741	3.1	22.4174	3.3	0.1202	3.8	0.0195	1.8	0.47	124.8	2.2	115.2	4.1	NA	NA	124.8	2.2
WP87-T Spot 22	155	13559	3.4	20.8949	2.0	0.1289	2.6	0.0195	1.6	0.61	124.8	1.9	123.2	3.0	91.3	48.6	124.8	1.9
WP87-T Spot 194	137	17123	2.4	21.1013	1.6	0.1277	2.1	0.0196	1.4	0.64	124.8	1.7	122.0	2.4	67.9	38.9	124.8	1.7
WP87-T Spot 204	219	62214	2.5	20.2183	1.8	0.1333	2.1	0.0196	1.2	0.56	124.9	1.5	127.1	2.5	168.7	41.0	124.9	1.5
WP87-T Spot 161	228	11269	2.5	21.0236	1.7	0.1282	2.3	0.0196	1.5	0.66	124.9	1.8	122.5	2.6	76.7	40.5	124.9	1.8
WP87-T Spot 89	329	23690	3.2	20.1209	1.3	0.1340	2.4	0.0196	2.0	0.83	124.9	2.5	127.7	2.9	179.9	30.9	124.9	2.5
WP87-T Spot 76	219	24359	2.2	20.3313	1.8	0.1327	2.2	0.0196	1.3	0.57	124.9	1.6	126.5	2.6	155.7	42.1	124.9	1.6
WP87-T Spot 283	230	19927	2.8	21.1895	1.9	0.1273	2.3	0.0196	1.3	0.58	125.0	1.7	121.7	2.7	58.0	45.7	125.0	1.7
WP87-T Spot 296	141	5933	3.0	21.7362	2.5	0.1241	3.0	0.0196	1.6	0.55	125.0	2.0	118.8	3.3	NA	NA	125.0	2.0
WP87-T Spot 63	168	31040	3.2	20.5541	2.0	0.1313	2.5	0.0196	1.5	0.60	125.0	1.8	125.2	2.9	130.1	46.5	125.0	1.8
WP87-T Spot 293	212	194799	2.3	20.7749	1.3	0.1299	1.8	0.0196	1.2	0.69	125.0	1.5	124.0	2.1	104.9	30.6	125.0	1.5
WP87-T Spot 56	152	39080	2.7	21.4204	1.9	0.1261	2.4	0.0196	1.5	0.60	125.1	1.8	120.6	2.8	32.1	46.2	125.1	1.8
WP87-T Spot 25	185	3468139	2.9	20.6142	1.4	0.1311	2.0	0.0196	1.5	0.73	125.1	1.8	125.0	2.4	123.2	32.4	125.1	1.8
WP87-T Spot 244	220	108797	2.6	20.4529	1.4	0.1322	1.9	0.0196	1.3	0.68	125.2	1.6	126.0	2.3	141.6	33.1	125.2	1.6
WP87-T Spot 257	138	13335	3.0	20.6142	1.7	0.1311	2.0	0.0196	1.1	0.53	125.2	1.3	125.1	2.4	123.2	40.4	125.2	1.3
WP87-T Spot 27	194	11602	3.1	21.1781	2.3	0.1277	2.8	0.0196	1.6	0.58	125.3	2.0	122.0	3.3	59.3	54.9	125.3	2.0
WP87-T Spot 1	245	8961	2.5	21.1172	1.7	0.1282	2.3	0.0196	1.6	0.70	125.4	2.0	122.5	2.7	66.1	39.6	125.4	2.0
WP87-T Spot 255	109	39136	3.6	20.7468	2.2	0.1305	2.9	0.0196	1.8	0.62	125.4	2.2	124.5	3.3	108.1	52.7	125.4	2.2
WP87-T Spot 190	194	19903	2.4	20.4178	1.9	0.1327	2.3	0.0197	1.2	0.54	125.5	1.5	126.5	2.7	145.7	44.5	125.5	1.5
WP87-T Spot 132	590	41207	1.9	20.4441	1.1	0.1325	2.2	0.0197	2.0	0.88	125.5	2.4	126.3	2.6	142.7	25.0	125.5	2.4
WP87-T Spot 188	278	21189	2.6	21.1323	1.7	0.1282	2.2	0.0197	1.5	0.66	125.5	1.8	122.5	2.6	64.4	39.4	125.5	1.8
WP87-T Spot 15	183	10720	2.7	21.0505	2.1	0.1287	2.6	0.0197	1.5	0.57	125.5	1.8	123.0	3.0	73.7	50.6	125.5	1.8
WP87-T Spot 41	233	22330	2.6	21.1912	1.2	0.1279	2.0	0.0197	1.5	0.78	125.6	1.9	122.2	2.3	57.8	29.2	125.6	1.9
WP87-T Spot 82	111	11731	3.4	20.4939	2.3	0.1323	2.9	0.0197	1.9	0.63	125.6	2.3	126.1	3.5	137.0	53.6	125.6	2.3
WP87-T Spot 301	326	69595	2.2	20.8077	1.9	0.1303	3.5	0.0197	2.9	0.84	125.6	3.6	124.4	4.1	101.1	45.3	125.6	3.6
WP87-T Spot 3	248	9052	2.7	21.5349	2.0	0.1261	2.6	0.0197	1.7	0.66	125.8	2.1	120.6	3.0	19.3	47.0	125.8	2.1
WP87-T Spot 291	90	6686	2.8	18.3673	3.0	0.1479	3.2	0.0197	1.2	0.38	125.8	1.5	140.0	4.2	388.5	67.1	125.8	1.5
WP87-T Spot 138	232	67554	2.8	20.0951	1.6	0.1352	2.1	0.0197	1.4	0.67	125.8	1.8	128.8	2.6	182.9	36.7	125.8	1.8
WP87-T Spot 160	245	90807	2.5	20.2381	1.5	0.1343	1.8	0.0197	1.0	0.58	125.9	1.3	128.0	2.2	166.4	34.2	125.9	1.3
WP87-T Spot 88	183	13761	3.5	20.7388	2.0	0.1312	2.5	0.0197	1.4	0.56	126.0	1.7	125.1	2.9	109.0	48.1	126.0	1.7
WP87-T Spot 152	234	23053	2.7	21.5255	1.7	0												

WP87-T Spot 66	147	3966	3.1	21.8495	1.9	0.1250	2.4	0.0198	1.5	0.63	126.5	1.9	119.6	2.8	NA	NA	126.5	1.9
WP87-T Spot 171	214	52239	2.3	20.5173	1.4	0.1331	2.0	0.0198	1.4	0.69	126.5	1.7	126.9	2.3	134.3	33.3	126.5	1.7
WP87-T Spot 198	149	19082	2.7	21.0340	2.0	0.1299	2.3	0.0198	1.1	0.47	126.5	1.3	124.0	2.7	75.5	48.1	126.5	1.3
WP87-T Spot 168	278	11703	2.5	20.0806	1.6	0.1360	2.1	0.0198	1.3	0.64	126.5	1.7	129.5	2.5	184.6	37.2	126.5	1.7
WP87-T Spot 196	142	68904	3.4	20.8010	1.9	0.1313	2.2	0.0198	1.0	0.46	126.5	1.2	125.3	2.5	101.9	45.1	126.5	1.2
WP87-T Spot 68	140	19810	3.4	20.5072	1.7	0.1332	1.9	0.0198	0.9	0.47	126.5	1.2	127.0	2.3	135.4	40.2	126.5	1.2
WP87-T Spot 226	95	16232	3.7	20.4302	2.7	0.1338	3.1	0.0198	1.5	0.49	126.6	1.9	127.5	3.7	144.3	64.0	126.6	1.9
WP87-T Spot 34	80	8848	3.5	22.2592	2.2	0.1228	2.7	0.0198	1.5	0.56	126.6	1.9	117.6	3.0	NA	NA	126.6	1.9
WP87-T Spot 284	197	579098	2.1	20.3591	1.6	0.1343	2.0	0.0198	1.1	0.56	126.7	1.4	128.0	2.4	152.5	38.1	126.7	1.4
WP87-T Spot 216	214	17718	2.2	20.4250	1.6	0.1339	2.0	0.0198	1.2	0.59	126.7	1.5	127.6	2.4	144.8	38.7	126.7	1.5
WP87-T Spot 148	179	33482	6.3	19.7622	1.7	0.1385	2.2	0.0199	1.4	0.65	126.8	1.8	131.7	2.7	221.7	39.1	126.8	1.8
WP87-T Spot 174	230	31052	3.0	20.5542	1.6	0.1332	2.3	0.0199	1.7	0.73	126.8	2.1	127.0	2.7	130.0	36.5	126.8	2.1
WP87-T Spot 47	198	10540	2.6	20.8217	1.5	0.1316	2.0	0.0199	1.3	0.67	126.9	1.7	125.5	2.3	99.5	34.5	126.9	1.7
WP87-T Spot 199	223	9326	2.2	21.2521	1.7	0.1291	2.3	0.0199	1.5	0.66	127.1	1.9	123.3	2.6	50.9	40.6	127.1	1.9
WP87-T Spot 184	1162	107022	1.1	20.7488	1.0	0.1322	1.9	0.0199	1.6	0.85	127.1	2.0	126.1	2.2	107.8	23.4	127.1	2.0
WP87-T Spot 185	234	34873	2.3	20.6436	1.7	0.1329	2.1	0.0199	1.3	0.61	127.1	1.6	126.7	2.5	119.8	39.3	127.1	1.6
WP87-T Spot 295	140	5010	2.8	21.4894	1.4	0.1278	1.9	0.0199	1.3	0.70	127.2	1.7	122.2	2.2	24.4	32.9	127.2	1.7
WP87-T Spot 186	98	15283	2.9	21.0224	2.3	0.1307	2.7	0.0199	1.4	0.53	127.2	1.8	124.7	3.2	76.8	54.8	127.2	1.8
WP87-T Spot 30	234	13707	2.9	20.7892	1.3	0.1322	2.9	0.0199	2.5	0.89	127.2	3.2	126.0	3.4	103.3	31.4	127.2	3.2
WP87-T Spot 122	100	6650	3.6	21.4967	3.0	0.1280	3.2	0.0200	1.1	0.34	127.4	1.4	122.3	3.7	23.5	72.1	127.4	1.4
WP87-T Spot 251	91	3815	3.0	16.5055	3.5	0.1669	3.8	0.0200	1.4	0.38	127.5	1.8	156.7	5.5	623.6	75.3	127.5	1.8
WP87-T Spot 121	112	81504	3.4	20.1355	1.5	0.1368	2.0	0.0200	1.3	0.65	127.6	1.7	130.2	2.5	178.2	35.9	127.6	1.7
WP87-T Spot 267	82	10565	3.7	21.2727	2.9	0.1296	3.4	0.0200	1.8	0.52	127.7	2.2	123.7	4.0	48.6	69.8	127.7	2.2
WP87-T Spot 118	166	47921	2.8	20.3372	1.7	0.1355	2.3	0.0200	1.6	0.68	127.7	2.0	129.1	2.8	155.0	39.9	127.7	2.0
WP87-T Spot 305	254	31488	2.3	20.3112	1.4	0.1358	2.1	0.0200	1.6	0.76	127.7	2.0	129.3	2.6	158.0	32.1	127.7	2.0
WP87-T Spot 33	164	4347	2.4	21.8101	2.8	0.1266	3.1	0.0200	1.4	0.45	127.8	1.8	121.0	3.6	NA	NA	127.8	1.8
WP87-T Spot 310	119	59970	2.9	19.9097	1.9	0.1388	2.4	0.0200	1.5	0.62	127.9	1.9	131.9	2.9	204.5	43.1	127.9	1.9
WP87-T Spot 286	127	9875	3.6	21.5812	2.6	0.1281	2.9	0.0201	1.2	0.42	128.0	1.5	122.4	3.4	14.1	63.6	128.0	1.5
WP87-T Spot 55	89	14580	3.6	21.3432	2.2	0.1296	2.6	0.0201	1.4	0.53	128.1	1.8	123.7	3.0	40.7	52.8	128.1	1.8
WP87-T Spot 7	140	167328	2.7	19.1324	2.6	0.1446	2.8	0.0201	1.2	0.43	128.1	1.6	137.1	3.7	296.1	58.6	128.1	1.6
WP87-T Spot 309	94	2854	2.5	22.2927	2.4	0.1245	2.8	0.0201	1.5	0.54	128.5	1.9	119.1	3.2	NA	NA	128.5	1.9
WP87-T Spot 159	179	6118	2.4	21.6545	1.7	0.1281	2.4	0.0201	1.6	0.69	128.5	2.1	122.4	2.7	5.9	41.2	128.5	2.1
WP87-T Spot 193	250	27993	2.3	20.9840	1.7	0.1322	2.1	0.0201	1.3	0.60	128.5	1.6	126.1	2.5	81.1	40.4	128.5	1.6
WP87-T Spot 265	135	8847	2.3	21.7296	2.2	0.1277	2.6	0.0201	1.4	0.55	128.5	1.8	122.1	3.0	NA	NA	128.5	1.8
WP87-T Spot 311	187	9773	2.8	21.6586	2.3	0.1285	2.6	0.0202	1.4	0.52	128.8	1.8	122.7	3.1	5.5	54.2	128.8	1.8
WP87-T Spot 70	414	105583	4.9	20.5644	1.3	0.1354	2.2	0.0202	1.8	0.81	128.9	2.3	128.9	2.7	128.9	30.8	128.9	2.3
WP87-T Spot 162	297	10194	2.4	21.0103	1.3	0.1328	2.0	0.0202	1.5	0.74	129.2	1.9	126.6	2.4	78.2	31.9	129.2	1.9
WP87-T Spot 225	201	11081	1.9	20.2860	1.6	0.1382	2.0	0.0203	1.2	0.61	129.8	1.6	131.4	2.4	160.9	36.6	129.8	1.6
WP87-T Spot 98	271	10547	2.4	20.9109	1.5	0.1345	2.0	0.0204	1.3	0.64	130.2	1.7	128.1	2.4	89.5	36.7	130.2	1.7
WP87-T Spot 54	122	18743	3.0	21.4358	2.2	0.1314	2.5	0.0204	1.1	0.46	130.4	1.5	125.3	2.9	30.4	52.8	130.4	1.5
WP87-T Spot 58	120	11194	2.7	20.7545	2.3	0.1357	2.6	0.0204	1.3	0.49	130.4	1.7	129.2	3.2	107.2	54.3	130.4	1.7
WP87-T Spot 179	65	2214	3.1	23.8799	2.7	0.1182	3.2	0.0205	1.6	0.51	130.7	2.1	113.4	3.4	NA	NA	130.7	2.1
WP87-T Spot 114	716	28926	2.5	20.2643	1.1	0.1394	2.2	0.0205	1.9	0.85	130.8	2.4	132.5	2.7	163.3	26.6	130.8	2.4
WP87-T Spot 158	188	14930	2.5	20.7223	1.5	0.1363	2.1	0.0205	1.6	0.73	130.8	2.0	129.7	2.6	110.8	34.3	130.8	2.0
WP87-T Spot 147	395	23754	2.8	21.0553	1.4	0.1345	2.3	0.0205	1.8	0.79	131.1	2.3	128.1	2.7	73.1	32.9	131.1	2.3
WP87-T Spot 45	114	9769	3.0	20.9772	1.8	0.1351	2.2	0.0206	1.3	0.57	131.3	1.6	128.7	2.7	81.9	42.8	131.3	1.6
WP87-T Spot 239	275	16754	2.2	21.5319	1.7	0.1324	2.1	0.0207	1.3	0.61	132.0	1.7	126.3	2.6	19.6	40.8	132.0	1.7
WP87-T Spot 256	74	7440	2.7	14.1663	5.1	0.2055	5.3	0.0211	1.4	0.26	134.8	1.8	189.8	9.1	944.7	104.5	134.8	1.8
WP87-T Spot 302	109	8833	2.7	21.8188	2.8	0.1339	3.1	0.0212	1.3	0.41	135.3	1.7	127.6	3.7	NA	NA	135.3	1.7
WP87-T Spot 236	232	8531	2.1	21.0283	1.4	0.1421	2.1	0.0217	1.6	0.75	138.2	2.2	134.9	2.7	76.1	33.3	138.2	2.2
WP87-T Spot 4	233	30853	1.8	20.2339	1.8	0.1574	2.1	0.0231	1.1	0.52	147.3	1.5	148.4	2.8	166.9	41.3	147.3	1.5
WP87-T Spot 192	355	104013	1.4	20.0283	1.4	0.1603	2.2	0.0233	1.7	0.77	148.5	2.5	151.0	3.1	190.7	32.6	148.5	2.5
WP87-T Spot 140	544	163273	1.7	20.3665	1.1	0.1578	2.1	0.0233	1.8	0.86	148.6	2.6	148.8	2.9	151.6	25.3	148.6	2.6
WP87-T Spot 143	263	19734	2.1	20.1979	1.3	0.1592	1.9	0.0233	1.5	0.75	148.7	2.1	150.0	2.7	171.0	29.6	148.7	2.1
WP87-T Spot 51	63	1246	3.7	5.8446	10.6	0.5531	10.7	0.0235	1.8	0.17	149.5	2.7	447.1	38.8	2567.7	177.3	149.5	2.7
WP87-T Spot 95	212	15636	2.0	20.2675	1.5	0.1602	2.3	0.0236	1.7	0.73	150.1	2.5	150.9	3.2	163.0	35.8	150.1	2.5
WP87-T Spot 294	163	10498	2.0	20.9825	2.2	0.1547	2.6	0.0236	1.3	0.52	150.1	2.0	146.1	3.5	81.3	52.3	150.1	2.0
WP87-T Spot 299	409	35592	1.3	20.1475	1.3	0.1621	2.0	0.0237	1.6	0.77	151.0	2.3	152.6	2.8	176.8	29.6	151.0	2.3
WP87-T Spot 142	142	49853	2.1	20.2242	1.4	0.1632	1.9	0.0240	1.4	0.71	152.6	2.1	153.5	2.7	168.0	31.9	152.6	2.1
WP87-T Spot 164	76	3378	2.1	20.9840	3.1	0.1587	3.5	0.0242	1.6	0.45	153.9	2.4	149.6	4.8	81.1	73.4	153.9	2.4
WP87-T Spot 133	111	8726	2.7	11.5511	4.8	0.2887	5.1	0.0242	1.8	0.36	154.1	2.8	257.5	11.7	1350.1	92.9	154.1	2.8
WP87-T Spot 67	203	64387	2.4	20.3158	1.4	0.1652	1.8	0.0244	1.2	0.67	155.1	1.9	155.3	2.7	157.4	32.1	155.1	1.9
WP87-T Spot 64	286	67206	1.4	20.1672	1.1	0.1666	1.5	0.0244	1.0	0.67	155.2	1.5	156.4	2.1	174.6	25.3	155.2	1.5
WP87-T Spot 49	184	8706	2.4	20.8507	2.0	0.1614	2.4	0.0244	1.4	0.59	155.5	2.2	151.9	3.4	96.3	46.2	155.5	2.2
WP87-T Spot 259	205	11675	2.5	20.4319	1.5	0.1651	2.3	0.0245	1.7	0.74	155.9	2.7	155.2	3.3	144.1	36.2	155.9	2.7
WP87-T Spot 141	288	97227	2.1	19.9593	1.7	0.1703	2.5	0.0247	1.8	0.73	157.0	2.8	159.7	3.7	198.7	39.5	157.0	2.8
WP87-T Spot 52	426	5500684	2.1	20.2618	1.3	0.1691	2.5	0.0249	2.1	0.85	158.3	3.3	158.7	3.6	163.6	30.5	158.3	3.3
WP87-T Spot 268	110	15745	2.3	20.6581	1.7	0.1709												



WP87 Spot 75	100	1741	3.2	23.6845	10.6	0.1093	11.0	0.0188	3.2	0.29	120.0	3.8	105.3	11.0	NA	NA	120.0	3.8
WP87 Spot 17	313	31759	2.2	20.6719	1.8	0.1254	3.8	0.0188	3.3	0.88	120.1	4.0	119.9	4.3	117.6	42.7	120.1	4.0
WP87 Spot 110	711	15408	1.3	20.6299	1.8	0.1257	3.8	0.0188	3.4	0.89	120.2	4.1	120.2	4.4	122.4	42.0	120.2	4.1
WP87 Spot 99	102	1289	2.8	27.3791	6.0	0.0949	6.7	0.0189	3.0	0.45	120.4	3.6	92.0	5.9	NA	NA	120.4	3.6
WP87 Spot 109	77	865	2.8	29.8434	26.2	0.0871	26.4	0.0189	3.4	0.13	120.4	4.1	84.8	21.5	NA	NA	120.4	4.1
WP87 Spot 22	182	3091	1.8	22.1383	3.6	0.1174	4.3	0.0189	2.4	0.55	120.4	2.8	112.7	4.6	NA	NA	120.4	2.8
WP87 Spot 96	287	4064	2.2	22.2858	2.5	0.1166	4.1	0.0189	3.3	0.80	120.4	3.9	112.0	4.4	NA	NA	120.4	3.9
WP87 Spot 85	162	7592	2.8	21.8689	2.0	0.1190	3.2	0.0189	2.5	0.78	120.6	3.0	114.2	3.5	NA	NA	120.6	3.0
WP87 Spot 21	188	33556	2.3	20.1686	2.5	0.1291	3.7	0.0189	2.7	0.73	120.7	3.2	123.3	4.3	175.4	59.4	120.7	3.2
WP87 Spot 40	119	14108	2.7	20.5832	3.0	0.1266	4.7	0.0189	3.7	0.77	120.7	4.4	121.0	5.4	127.8	70.7	120.7	4.4
WP87 Spot 50	94	1559	2.5	25.7363	3.1	0.1015	4.2	0.0190	2.8	0.67	121.0	3.4	98.1	3.9	NA	NA	121.0	3.4
WP87 Spot 24	174	1128	1.8	27.6982	6.8	0.0943	7.3	0.0190	2.7	0.37	121.0	3.2	91.5	6.4	NA	NA	121.0	3.2
WP87 Spot 83	160	1883	2.2	24.0398	2.9	0.1087	4.0	0.0190	2.8	0.70	121.1	3.3	104.8	3.9	NA	NA	121.1	3.3
WP87 Spot 47	146	1326	2.2	25.8975	3.6	0.1009	4.8	0.0190	3.2	0.67	121.1	3.8	97.6	4.5	NA	NA	121.1	3.8
WP87 Spot 74	620	8361	1.3	20.9003	1.3	0.1252	2.9	0.0190	2.6	0.90	121.3	3.1	119.8	3.3	91.7	30.3	121.3	3.1
WP87 Spot 91	188	18816	2.5	19.8225	2.3	0.1323	4.0	0.0190	3.3	0.82	121.5	3.9	126.2	4.7	215.7	52.6	121.5	3.9
WP87 Spot 70	226	4801	2.1	21.0000	1.5	0.1249	3.1	0.0190	2.7	0.87	121.5	3.2	119.5	3.5	80.4	36.3	121.5	3.2
WP87 Spot 12	166	1907	1.8	24.3220	4.4	0.1079	5.3	0.0190	3.1	0.58	121.6	3.7	104.0	5.3	NA	NA	121.6	3.7
WP87 Spot 60	307	6001	2.1	21.1260	2.3	0.1243	3.6	0.0191	2.8	0.78	121.7	3.4	119.0	4.0	66.2	53.7	121.7	3.4
WP87 Spot 30	199	2730	3.1	21.7809	2.0	0.1206	3.6	0.0191	3.0	0.83	121.7	3.6	115.6	3.9	NA	NA	121.7	3.6
WP87 Spot 2	328	8018	2.2	20.7648	1.6	0.1266	2.9	0.0191	2.4	0.83	121.8	2.9	121.0	3.3	107.1	37.3	121.8	2.9
WP87 Spot 78	391	4017	1.2	21.7622	1.7	0.1208	3.0	0.0191	2.5	0.83	121.8	3.0	115.8	3.3	NA	NA	121.8	3.0
WP87 Spot 55	361	13401	1.6	20.1021	1.4	0.1309	3.2	0.0191	2.9	0.89	121.9	3.4	124.9	3.7	183.1	33.1	121.9	3.4
WP87 Spot 35	125	1725	2.1	24.2301	3.7	0.1086	5.0	0.0191	3.4	0.68	122.0	4.1	104.7	5.0	NA	NA	122.0	4.1
WP87 Spot 108	99	1938	2.9	23.1380	4.4	0.1138	5.5	0.0191	3.3	0.60	122.0	4.0	109.4	5.7	NA	NA	122.0	4.0
WP87 Spot 3	237	3067	3.0	22.3820	3.5	0.1176	4.3	0.0191	2.4	0.56	122.0	2.9	112.9	4.6	NA	NA	122.0	2.9
WP87 Spot 64	301	15250	1.8	20.5320	1.8	0.1283	3.4	0.0191	2.8	0.84	122.0	3.4	122.5	3.9	133.6	42.5	122.0	3.4
WP87 Spot 90	264	16159	1.6	20.1418	1.8	0.1308	3.5	0.0191	2.9	0.85	122.1	3.6	124.9	4.1	178.5	42.8	122.1	3.6
WP87 Spot 8	381	17351	2.2	20.8179	1.7	0.1267	3.7	0.0191	3.3	0.89	122.2	4.0	121.1	4.2	101.0	40.2	122.2	4.0
WP87 Spot 5	278	14823	2.1	21.4064	1.8	0.1232	3.8	0.0191	3.4	0.88	122.2	4.1	118.0	4.3	34.7	42.6	122.2	4.1
WP87 Spot 88	143	6279	2.3	21.3225	2.5	0.1237	3.8	0.0191	2.8	0.74	122.2	3.4	118.4	4.2	44.1	60.8	122.2	3.4
WP87 Spot 28	230	21717	2.7	20.8421	1.7	0.1266	3.4	0.0191	2.9	0.87	122.3	3.6	121.0	3.9	98.2	40.0	122.3	3.6
WP87 Spot 26	106	1287	2.7	24.6636	14.8	0.1070	15.3	0.0191	3.8	0.25	122.3	4.6	103.2	15.0	NA	NA	122.3	4.6
WP87 Spot 14	161	3551	3.1	21.4503	3.0	0.1230	4.5	0.0192	3.3	0.74	122.3	4.0	117.8	5.0	29.8	72.8	122.3	4.0
WP87 Spot 81	158	44986	2.3	20.1361	2.5	0.1312	4.0	0.0192	3.1	0.77	122.4	3.7	125.2	4.7	179.2	58.2	122.4	3.7
WP87 Spot 36	101	7024	2.9	19.6599	4.0	0.1344	4.9	0.0192	2.9	0.59	122.5	3.6	128.1	5.9	234.7	91.8	122.5	3.6
WP87 Spot 79	246	7086	2.3	20.2621	2.7	0.1305	3.4	0.0192	2.2	0.64	122.5	2.7	124.6	4.0	164.6	62.1	122.5	2.7
WP87 Spot 32	163	51478	2.7	20.8129	2.3	0.1272	3.5	0.0192	2.7	0.76	122.6	3.2	121.5	4.0	101.6	54.1	122.6	3.2
WP87 Spot 51	163	11659	3.1	21.2738	1.9	0.1245	3.5	0.0192	3.0	0.85	122.7	3.6	119.1	3.9	49.6	44.3	122.7	3.6
WP87 Spot 44	150	4448	2.3	21.8303	2.0	0.1214	3.4	0.0192	2.7	0.80	122.7	3.3	116.3	3.7	NA	NA	122.7	3.3
WP87 Spot 103	154	1942	2.7	23.3923	8.3	0.1133	8.7	0.0192	2.5	0.28	122.8	3.0	109.0	9.0	NA	NA	122.8	3.0
WP87 Spot 4	158	2703714	1.8	19.9899	2.8	0.1327	4.1	0.0193	3.0	0.73	122.9	3.6	126.6	4.9	196.2	64.7	122.9	3.6
WP87 Spot 69	103	21343	3.0	20.7246	1.8	0.1280	3.2	0.0193	2.6	0.81	122.9	3.1	122.3	3.7	111.7	43.5	122.9	3.1
WP87 Spot 19	154	88722	1.8	19.9478	1.9	0.1330	4.1	0.0193	3.7	0.88	122.9	4.5	126.8	4.9	201.1	45.2	122.9	4.5
WP87 Spot 82	171	2236	1.8	23.1152	5.7	0.1148	6.3	0.0193	2.7	0.43	123.0	3.3	110.4	6.6	NA	NA	123.0	3.3
WP87 Spot 73	530	5234	1.7	21.6620	1.7	0.1226	3.4	0.0193	3.0	0.87	123.0	3.7	117.4	3.8	6.2	40.5	123.0	3.7
WP87 Spot 61	249	5935	2.0	21.7706	1.6	0.1220	3.8	0.0193	3.4	0.90	123.1	4.2	116.9	4.2	NA	NA	123.1	4.2
WP87 Spot 67	194	15072	2.8	21.3059	2.4	0.1249	4.1	0.0193	3.3	0.81	123.2	4.0	119.5	4.6	45.9	58.2	123.2	4.0
WP87 Spot 13	181	1724	1.8	23.7878	2.7	0.1119	4.4	0.0193	3.5	0.79	123.3	4.3	107.7	4.5	NA	NA	123.3	4.3
WP87 Spot 52	200	2301	2.3	23.3390	2.9	0.1141	4.3	0.0193	3.2	0.73	123.3	3.9	109.7	4.5	NA	NA	123.3	3.9
WP87 Spot 18	145	1381	2.5	24.0913	3.6	0.1105	4.4	0.0193	2.5	0.57	123.3	3.1	106.4	4.5	NA	NA	123.3	3.1
WP87 Spot 62	323	4091	1.8	21.1913	2.0	0.1256	3.4	0.0193	2.8	0.81	123.4	3.4	120.2	3.9	58.8	47.9	123.4	3.4
WP87 Spot 106	180	5306	2.3	21.5332	2.1	0.1237	4.0	0.0193	3.3	0.84	123.4	4.1	118.4	4.4	20.5	51.5	123.4	4.1
WP87 Spot 89	149	1440	2.6	24.6770	4.6	0.1079	5.4	0.0193	2.8	0.52	123.4	3.4	104.1	5.3	NA	NA	123.4	3.4
WP87 Spot 54	204	143755	1.7	19.9513	2.0	0.1335	3.2	0.0193	2.4	0.76	123.4	2.9	127.2	3.8	200.6	47.4	123.4	2.9
WP87 Spot 53	122	2005	2.8	23.8039	3.9	0.1119	5.1	0.0193	3.3	0.65	123.4	4.0	107.7	5.2	NA	NA	123.4	4.0
WP87 Spot 95	157	1669	2.3	25.1847	4.8	0.1059	5.5	0.0194	2.7	0.50	123.6	3.4	102.2	5.4	NA	NA	123.6	3.4
WP87 Spot 92	114	1380	2.6	25.3125	3.1	0.1054	4.5	0.0194	3.2	0.72	123.6	3.9	101.8	4.3	NA	NA	123.6	3.9
WP87 Spot 38	261	77026	2.9	20.8032	1.7	0.1284	3.6	0.0194	3.2	0.89	123.7	3.9	122.7	4.2	102.7	40.0	123.7	3.9
WP87 Spot 27	252	2605	2.7	23.1590	2.0	0.1154	3.5	0.0194	2.9	0.82	123.8	3.5	110.9	3.7	NA	NA	123.8	3.5
WP87 Spot 25	529	34718	2.0	20.7385	1.5	0.1289	3.4	0.0194	3.1	0.90	123.8	3.8	123.1	4.0	110.1	35.3	123.8	3.8
WP87 Spot 84	191	1909	1.7	24.4851	1.7	0.1092	4.1	0.0194	3.7	0.91	123.9	4.6	105.3	4.1	NA	NA	123.9	4.6
WP87 Spot 105	203	4870	2.3	21.5367	2.1	0.1242	3.6	0.0194	2.9	0.81	124.0	3.6	118.9	4.0	20.2	50.4	124.0	3.6
WP87 Spot 45	178	2049	1.7	23.6247	4.3	0.1134	4.8	0.0194	2.1	0.45	124.1	2.6	109.0	4.9	NA	NA	124.1	2.6
WP87 Spot 16	112	3384	2.5	22.5137	2.1	0.1190	3.6	0.0194	2.9	0.80	124.1	3.6	114.2	3.9	NA	NA	124.1	3.6
WP87 Spot 37	199	13719	2.4	20.6323	1.9	0.1300	3.7	0.0195	3.1	0.85	124.2	3.8	124.1	4.3	122.2	45.1	124.2	3.8
WP87 Spot 7	250	2472	2.2	23.3229	7.1	0.1151	7.6	0.0195	2.6	0.34	124.4	3.2	110.6	7.9	NA	NA	124.4	3.2
WP87 Spot 58	267	8174	2.5	20.6720	2.5	0.1299	4.4	0.0195	3.6	0.82	124.4	4.4	124.0	5.1	117.6	58.7	124.4	4.4
WP87 Spot 76	163	6075	2.4	20.9670	2.3	0.1282	3.8	0.0195	3.1	0.80	124.5	3.8	122.4	4.4	84.1	54.9	124.5	3.8
WP87 Spot 102	32																	

WP87 Spot 87	385	9826	1.7	21.1309	1.9	0.1284	3.8	0.0197	3.3	0.86	125.7	4.1	122.7	4.4	65.6	45.9	125.7	4.1
WP87 Spot 9	154	1679	2.3	25.0751	2.3	0.1083	4.1	0.0197	3.4	0.83	125.8	4.2	104.4	4.0	NA	NA	125.8	4.2
WP87 Spot 107	173	53144	1.8	20.4494	2.4	0.1329	3.8	0.0197	3.0	0.79	125.9	3.8	126.7	4.6	143.1	55.2	125.9	3.8
WP87 Spot 72	225	2238	1.7	23.4093	2.6	0.1161	4.4	0.0197	3.5	0.80	125.9	4.4	111.5	4.6	NA	NA	125.9	4.4
WP87 Spot 104	265	6651	2.1	21.2147	1.8	0.1281	3.8	0.0197	3.4	0.88	125.9	4.2	122.4	4.4	56.2	43.9	125.9	4.2
WP87 Spot 29	164	4411	2.4	21.5922	1.8	0.1260	3.4	0.0197	2.8	0.84	126.0	3.5	120.5	3.8	13.9	43.8	126.0	3.5
WP87 Spot 41	142	2279	2.3	23.9819	1.8	0.1137	3.6	0.0198	3.2	0.88	126.3	4.0	109.3	3.8	NA	NA	126.3	4.0
WP87 Spot 46	242	75769	1.6	20.0199	1.9	0.1364	3.3	0.0198	2.7	0.82	126.5	3.4	129.8	4.1	192.7	44.6	126.5	3.4
WP87 Spot 93	159	2065	2.5	23.6295	3.7	0.1162	4.9	0.0199	3.2	0.66	127.1	4.1	111.6	5.2	NA	NA	127.1	4.1
WP87 Spot 66	445	13932	1.3	20.8396	1.5	0.1320	4.7	0.0200	4.4	0.95	127.4	5.6	125.9	5.5	98.5	34.4	127.4	5.6
WP87 Spot 49	196	21411	1.8	20.7416	2.3	0.1327	3.5	0.0200	2.6	0.74	127.5	3.2	126.5	4.1	109.7	54.8	127.5	3.2
WP87 Spot 57	201	33920	2.3	20.7966	2.0	0.1324	3.7	0.0200	3.1	0.84	127.5	3.9	126.3	4.4	103.5	47.5	127.5	3.9
WP87 Spot 20	263	33615	1.7	20.3292	1.8	0.1361	3.4	0.0201	2.9	0.85	128.2	3.7	129.6	4.1	156.9	41.5	128.2	3.7
WP87 Spot 48	205	3992	2.0	21.6329	2.8	0.1280	3.7	0.0201	2.4	0.65	128.2	3.1	122.3	4.3	9.4	68.2	128.2	3.1
WP87 Spot 97	124	3743	2.3	22.9092	3.0	0.1210	4.4	0.0201	3.2	0.73	128.4	4.1	116.0	4.9	NA	NA	128.4	4.1
WP87 Spot 101	314	12932	2.1	20.5743	2.0	0.1349	3.4	0.0201	2.8	0.82	128.5	3.6	128.5	4.1	128.8	46.0	128.5	3.6
WP87 Spot 34	165	1337	2.1	18.8353	7.2	0.1478	8.0	0.0202	3.6	0.45	128.9	4.6	139.9	10.5	332.7	162.6	128.9	4.6
WP87 Spot 43	232	34264	1.8	20.9147	1.8	0.1346	3.8	0.0204	3.4	0.89	130.3	4.4	128.2	4.6	90.1	42.0	130.3	4.4
WP87 Spot 65	223	13009	1.7	20.7020	2.2	0.1365	3.2	0.0205	2.4	0.73	130.9	3.1	129.9	3.9	114.2	52.0	130.9	3.1
WP87 Spot 63	124	12924	1.4	18.5279	1.8	0.3701	3.6	0.0498	3.2	0.88	313.0	9.7	319.7	10.0	369.9	39.7	313.0	9.7

**JT13LA (Beaver Lake Formation sandstone from Beaver Lake)**

JT13LA Spot 96	401	7407	3.5	21.8642	1.9	0.0608	3.8	0.0096	3.3	0.86	61.9	2.0	59.9	2.2	NA	NA	61.9	2.0
JT13LA Spot 82	108	2761	4.2	22.9693	2.7	0.1092	3.8	0.0182	2.7	0.70	116.3	3.1	105.2	3.8	NA	NA	116.3	3.1
JT13LA Spot 46	188	9729	2.7	20.8472	2.2	0.1211	2.9	0.0183	1.9	0.65	117.1	2.2	116.1	3.2	97.7	52.1	117.1	2.2
JT13LA Spot 20	158	8727	4.3	20.7766	2.6	0.1222	3.9	0.0184	2.9	0.74	117.7	3.4	117.1	4.4	105.7	62.6	117.7	3.4
JT13LA Spot 47	231	80126	2.8	20.5422	2.2	0.1242	3.7	0.0185	3.0	0.81	118.2	3.5	118.9	4.2	132.5	52.1	118.2	3.5
JT13LA Spot 29	97	7802	3.4	21.2134	3.0	0.1204	4.2	0.0185	2.9	0.69	118.4	3.4	115.4	4.6	56.3	72.6	118.4	3.4
JT13LA Spot 32	131	78751	3.8	21.1356	2.3	0.1209	3.0	0.0185	1.9	0.64	118.4	2.3	115.9	3.3	65.1	55.2	118.4	2.3
JT13LA Spot 38	84	28626	2.9	20.7810	2.6	0.1239	3.9	0.0187	2.9	0.75	119.3	3.4	118.6	4.4	105.2	61.6	119.3	3.4
JT13LA Spot 61	374	40076	1.5	20.4276	1.4	0.1262	3.6	0.0187	3.3	0.92	119.4	4.0	120.6	4.1	145.6	33.5	119.4	4.0
JT13LA Spot 33	154	37579	3.3	21.2515	2.1	0.1214	3.3	0.0187	2.5	0.77	119.5	3.0	116.3	3.6	52.0	49.3	119.5	3.0
JT13LA Spot 95	147	14209	3.3	21.5853	1.9	0.1206	3.2	0.0189	2.6	0.81	120.6	3.1	115.6	3.5	14.7	44.8	120.6	3.1
JT13LA Spot 66	74	7758	3.8	21.2679	3.1	0.1226	4.5	0.0189	3.3	0.72	120.8	3.9	117.4	5.0	50.2	74.4	120.8	3.9
JT13LA Spot 3	129	2012	3.7	22.5866	2.4	0.1160	3.5	0.0190	2.5	0.72	121.4	3.0	111.5	3.7	NA	NA	121.4	3.0
JT13LA Spot 98	230	56246	2.1	20.0908	2.1	0.1312	3.7	0.0191	3.1	0.83	122.2	3.8	125.4	4.4	184.4	48.7	122.2	3.8
JT13LA Spot 103	72	3779	3.7	17.9439	5.0	0.1472	5.8	0.0192	3.0	0.51	122.4	3.6	139.5	7.6	441.6	112.2	122.4	3.6
JT13LA Spot 85	131	8959	3.5	21.1300	2.4	0.1268	3.5	0.0194	2.6	0.74	124.1	3.1	121.2	4.0	65.7	56.1	124.1	3.1
JT13LA Spot 101	169	80760	2.8	20.5064	2.0	0.1307	3.5	0.0194	2.9	0.82	124.2	3.5	124.7	4.1	136.5	47.0	124.2	3.5
JT13LA Spot 2	205	9766	2.2	20.8943	2.5	0.1291	3.5	0.0196	2.5	0.71	124.9	3.1	123.3	4.1	92.4	59.4	124.9	3.1
JT13LA Spot 6	187	13056	3.8	21.1101	1.6	0.1280	3.1	0.0196	2.7	0.86	125.2	3.3	122.3	3.6	68.0	38.7	125.2	3.3
JT13LA Spot 45	53	998	3.9	28.9261	3.8	0.0943	4.5	0.0198	2.6	0.56	126.4	3.2	91.5	4.0	NA	NA	126.4	3.2
JT13LA Spot 39	111	6044	3.5	22.0819	3.7	0.1236	4.6	0.0198	2.7	0.60	126.4	3.4	118.3	5.1	NA	NA	126.4	3.4
JT13LA Spot 14	226	13775	2.3	21.1984	1.8	0.1290	3.7	0.0198	3.3	0.87	126.6	4.1	123.2	4.3	58.0	43.1	126.6	4.1
JT13LA Spot 16	74	25045	3.9	19.1336	2.8	0.1433	3.8	0.0199	2.6	0.67	127.0	3.2	136.0	4.9	297.0	64.4	127.0	3.2
JT13LA Spot 26	60	2073	3.9	26.0820	3.5	0.1052	4.3	0.0199	2.4	0.57	127.1	3.1	101.5	4.1	NA	NA	127.1	3.1
JT13LA Spot 28	98	3393	4.4	22.9168	3.8	0.1197	5.0	0.0199	3.3	0.65	127.1	4.1	114.8	5.4	NA	NA	127.1	4.1
JT13LA Spot 59	80	4498	3.8	23.1869	3.5	0.1187	4.6	0.0200	3.0	0.65	127.5	3.8	113.9	5.0	NA	NA	127.5	3.8
JT13LA Spot 92	83	3614	2.6	22.2299	2.9	0.1240	3.8	0.0200	2.5	0.65	127.6	3.1	118.7	4.3	NA	NA	127.6	3.1
JT13LA Spot 105	78	20065	3.0	20.3594	2.9	0.1359	4.6	0.0201	3.6	0.78	128.2	4.5	129.4	5.6	153.4	67.5	128.2	4.5
JT13LA Spot 23	168	17319	3.2	20.7795	2.3	0.1333	3.4	0.0201	2.5	0.74	128.3	3.1	127.1	4.0	105.4	53.6	128.3	3.1
JT13LA Spot 104	132	36949	3.1	20.7405	2.6	0.1336	3.9	0.0201	2.8	0.73	128.3	3.6	127.3	4.6	109.8	62.3	128.3	3.6
JT13LA Spot 93	57	1184	3.8	25.8293	3.0	0.1073	4.1	0.0201	2.8	0.68	128.4	3.6	103.5	4.1	NA	NA	128.4	3.6
JT13LA Spot 68	55	7136	3.8	22.2202	3.2	0.1248	4.8	0.0201	3.7	0.76	128.4	4.7	119.4	5.4	NA	NA	128.4	4.7
JT13LA Spot 65	210	8044	2.9	21.2217	2.1	0.1308	3.4	0.0201	2.7	0.79	128.5	3.4	124.8	4.0	55.4	50.0	128.5	3.4
JT13LA Spot 25	102	9132	4.0	21.3218	2.4	0.1308	3.5	0.0202	2.6	0.74	129.2	3.3	124.8	4.2	44.1	57.0	129.2	3.3
JT13LA Spot 67	41	1784	4.6	22.1245	9.8	0.1261	10.4	0.0202	3.5	0.34	129.2	4.5	120.6	11.9	NA	NA	129.2	4.5
JT13LA Spot 87	97	8604	3.4	20.7544	2.2	0.1346	3.3	0.0203	2.4	0.73	129.4	3.0	128.2	3.9	108.2	52.6	129.4	3.0
JT13LA Spot 15	100	3176	2.8	22.6051	2.8	0.1237	4.7	0.0203	3.8	0.81	129.4	4.8	118.4	5.2	NA	NA	129.4	4.8
JT13LA Spot 110	122	6030	3.1	21.5790	2.5	0.1296	4.0	0.0203	3.1	0.78	129.5	4.0	123.7	4.7	15.4	60.9	129.5	4.0
JT13LA Spot 5	142	6097	2.6	21.4289	3.4	0.1305	4.2	0.0203	2.4	0.58	129.5	3.1	124.5	4.9	32.1	81.3	129.5	3.1
JT13LA Spot 97	59	6455	4.0	20.4667	2.8	0.1369	4.5	0.0203	3.5	0.77	129.7	4.4	130.2	5.4	141.1	66.2	129.7	4.4
JT13LA Spot 50	79	7393	3.2	20.9436	2.7	0.1338	3.7	0.0203	2.4	0.66	129.7	3.1	127.5	4.4	86.8	65.1	129.7	3.1
JT13LA Spot 53	142	33873	3.6	20.3859	2.1	0.1383	3.5	0.0205	2.9	0.81	130.6	3.7	131.6	4.4	150.4	48.8	130.6	3.7
JT13LA Spot 58	86	106350	2.5	20.5392	2.8	0.1377	4.3	0.0205	3.2	0.75	130.9	4.2	131.0	5.3	132.8	67.0	130.9	4.2
JT13LA Spot 13	107	7231	4.2	22.0675	2.5	0.1285	3.6	0.0206	2.6	0.72	131.3	3.3	122.8	4.1	NA	NA	131.3	3.3
JT13LA Spot 17	105	28825	3.9	20.9397	2.3	0.1357	3.7	0.0206	2.9	0.78	131.6	3.8	129.2	4.5	87.2	54.3	131.6	3.8
JT13LA Spot 80	43	2274	5.2	21.7380	4.9	0.1308	5.8	0.0206	3.1	0.53	131.7	4.0	124.9	6.8	NA	NA	131.7	4.0
JT13LA Spot 91	127	29313	2.7	20.1224	2.5	0.1416	3.6	0.0207	2.5	0.71	131.9	3.3	134.5	4.5	180.8	58.9	131.9	3.3
JT13LA Spot 10	150	4891	4.0	22.1713	3.9	0.1290	4.9	0.0207	3.1	0.63	132.4	4.0	123.2	5.7	NA	NA	132.4	4.0</

JT13LA Spot 63	62	8479	2.9	19.7775	3.5	0.1643	4.7	0.0236	3.1	0.66	150.2	4.6	154.4	6.7	220.9	81.8	150.2	4.6
JT13LA Spot 77	67	14471	1.6	21.1090	3.2	0.1542	4.1	0.0236	2.6	0.62	150.5	3.8	145.6	5.6	68.1	76.9	150.5	3.8
JT13LA Spot 102	179	20950	1.9	20.4663	1.8	0.1591	3.9	0.0236	3.4	0.88	150.6	5.1	149.9	5.4	141.2	42.8	150.6	5.1
JT13LA Spot 90	291	34906	2.1	20.4126	1.8	0.1599	2.8	0.0237	2.1	0.77	150.9	3.1	150.6	3.9	147.3	41.4	150.9	3.1
JT13LA Spot 44	232	68484	4.1	19.7564	1.6	0.1654	2.8	0.0237	2.3	0.83	151.1	3.5	155.4	4.1	223.4	36.0	151.1	3.5
JT13LA Spot 79	294	27986	2.5	20.4417	1.6	0.1606	3.4	0.0238	3.0	0.89	151.7	4.5	151.2	4.8	144.0	36.4	151.7	4.5
JT13LA Spot 27	250	36458	4.0	20.8833	1.9	0.1574	4.1	0.0238	3.7	0.89	151.9	5.5	148.4	5.7	93.6	44.2	151.9	5.5
JT13LA Spot 78	116	6464	2.8	21.7180	2.7	0.1519	3.6	0.0239	2.4	0.66	152.5	3.6	143.6	4.9	NA	NA	152.5	3.6
JT13LA Spot 34	465	48680	6.1	20.5865	1.3	0.1612	3.5	0.0241	3.2	0.93	153.4	4.9	151.7	4.9	127.4	29.5	153.4	4.9
JT13LA Spot 99	378	66267	4.0	20.4468	1.5	0.1624	2.9	0.0241	2.5	0.85	153.4	3.7	152.8	4.1	143.4	36.1	153.4	3.7
JT13LA Spot 107	330	20811	3.3	20.3167	1.8	0.1636	3.6	0.0241	3.1	0.87	153.6	4.8	153.9	5.2	158.4	42.1	153.6	4.8
JT13LA Spot 60	342	31024	3.2	20.1233	1.3	0.1661	3.0	0.0242	2.7	0.91	154.4	4.1	156.0	4.3	180.7	29.2	154.4	4.1
JT13LA Spot 11	490	13159	1.6	21.5889	1.9	0.1552	3.2	0.0243	2.5	0.80	154.8	3.9	146.5	4.3	14.3	45.6	154.8	3.9
JT13LA Spot 36	520	40764	2.2	20.8485	1.5	0.1618	3.3	0.0245	2.9	0.89	155.9	4.5	152.3	4.7	97.5	35.8	155.9	4.5
JT13LA Spot 30	282	30145	1.9	20.7898	1.6	0.1624	3.6	0.0245	3.2	0.89	156.0	4.9	152.8	5.1	104.2	38.0	156.0	4.9
JT13LA Spot 35	81	5517	3.9	21.7234	1.9	0.1559	2.6	0.0246	1.8	0.67	156.5	2.7	147.2	3.6	NA	NA	156.5	2.7
JT13LA Spot 64	557	814822	5.9	20.2459	1.5	0.1680	5.2	0.0247	4.9	0.95	157.1	7.6	157.6	7.5	166.5	36.0	157.1	7.6
JT13LA Spot 51	75	25645	3.0	21.0783	3.1	0.1618	4.7	0.0247	3.5	0.75	157.6	5.5	152.3	6.6	71.5	73.2	157.6	5.5
JT13LA Spot 73	82	5692	2.2	11.5750	6.2	0.2963	6.9	0.0249	3.1	0.45	158.4	4.8	263.5	16.0	1347.0	118.9	158.4	4.8
JT13LA Spot 94	46	6124	2.4	20.9420	3.6	0.1650	4.9	0.0251	3.4	0.69	159.6	5.3	155.1	7.0	87.0	84.4	159.6	5.3
JT13LA Spot 84	274	17697	3.4	20.6431	1.8	0.1814	3.5	0.0272	3.0	0.85	172.9	5.1	169.3	5.4	120.9	43.3	172.9	5.1
JT13LA Spot 31	714	25827	3.6	16.9089	1.9	0.3581	3.4	0.0439	2.8	0.83	277.2	7.7	310.8	9.2	572.3	42.2	277.2	7.7
JT13LA Spot 19	221	74674	3.0	18.6017	1.5	0.3293	3.3	0.0444	2.9	0.89	280.3	8.0	289.0	8.2	360.9	33.1	280.3	8.0
JT13LA Spot 71	519	102466	2.7	18.9956	1.6	0.3461	3.5	0.0477	3.1	0.88	300.4	9.0	301.8	9.0	313.5	37.2	300.4	9.0
JT13LA Spot 89	774	505419	3.8	19.1296	1.4	0.3461	3.3	0.0480	3.0	0.91	302.4	8.9	301.8	8.7	297.5	31.9	302.4	8.9
JT13LA Spot 42	156	109596	2.6	18.4915	1.3	0.3584	2.7	0.0481	2.4	0.88	302.8	7.0	311.0	7.2	374.3	28.9	302.8	7.0
JT13LA Spot 70	425	78487	3.7	19.1414	1.3	0.3471	3.9	0.0482	3.6	0.94	303.5	10.8	302.5	10.1	296.0	29.3	303.5	10.8
JT13LA Spot 41	600	51520	4.5	19.1334	1.3	0.3511	3.6	0.0487	3.4	0.93	306.8	10.1	305.6	9.5	297.0	29.4	306.8	10.1
JT13LA Spot 22	473	243087	3.8	19.5755	1.3	0.3521	3.0	0.0500	2.7	0.91	314.6	8.3	306.3	7.9	244.6	29.0	314.6	8.3
JT13LA Spot 83	137	19148	2.6	18.1167	1.3	0.5295	3.1	0.0696	2.9	0.91	433.8	12.0	431.5	11.0	420.2	29.5	433.8	12.0
JT13LA Spot 69	77	27830	2.7	17.7458	1.4	0.5448	2.9	0.0701	2.6	0.88	437.0	10.8	441.6	10.4	466.2	30.6	437.0	10.8
JT13LA Spot 72	195	103192	5.6	17.8386	1.4	0.5457	2.8	0.0706	2.4	0.86	439.9	10.2	442.2	10.0	454.7	31.4	439.9	10.2
JT13LA Spot 62	351	158767	1.9	17.5807	1.2	0.5663	2.7	0.0722	2.5	0.90	449.6	10.7	455.6	10.0	486.9	25.8	449.6	10.7
JT13LA Spot 76	177	83415	4.7	17.4655	1.5	0.5969	2.8	0.0756	2.4	0.85	470.1	10.7	475.3	10.6	501.4	32.2	470.1	10.7
JT13LA Spot 108	155	66205	190.7	17.3044	1.4	0.6828	2.8	0.0857	2.5	0.88	530.3	12.7	528.5	11.7	521.7	29.8	530.3	12.7
JT13LA Spot 43	214	180448	2.4	13.5556	1.2	1.8180	2.8	0.1788	2.5	0.90	1060.5	24.5	1052.0	18.2	1035.2	24.0	1035.2	24.0
JT13LA Spot 54	181	50812	4.0	12.2908	1.0	1.8678	5.0	0.1666	4.9	0.98	993.2	45.2	1069.8	33.2	1230.2	20.0	1230.2	20.0
JT13LA Spot 1	40	11129	2.3	11.3871	1.3	2.9169	2.7	0.2410	2.4	0.88	1391.9	29.7	1386.3	20.3	1378.5	24.3	1378.5	24.3
JT13LA Spot 4	57	28563	0.6	10.1325	1.2	3.6780	2.7	0.2704	2.4	0.90	1542.9	33.1	1566.6	21.3	1599.5	21.5	1599.5	21.5
JT13LA Spot 86	135	91215	1.1	9.7865	1.3	4.0997	3.5	0.2911	3.3	0.93	1647.1	47.3	1654.2	28.5	1664.1	23.5	1664.1	23.5
JT13LA Spot 57	75	1188977	2.3	9.5424	1.2	4.3123	3.2	0.2986	3.0	0.93	1684.3	44.1	1695.7	26.4	1710.7	21.4	1710.7	21.4
JT13LA Spot 81	212	135657	3.4	9.3890	1.1	4.5166	3.2	0.3077	3.0	0.94	1729.4	44.9	1734.0	26.2	1740.5	19.9	1740.5	19.9
JT13LA Spot 74	127	99836	3.5	8.8634	1.3	5.1837	3.4	0.3334	3.1	0.92	1854.7	50.3	1849.9	28.8	1845.4	23.7	1845.4	23.7
JT13LA Spot 56	288	540275	3.2	7.8737	1.0	6.6195	3.0	0.3782	2.8	0.94	2067.7	49.0	2062.0	26.1	2056.9	18.1	2056.9	18.1

**JT03LA (Beaver Lake Formation sandstone from Beaver Lake)**

JT03LA Spot 119	890	27799	1.6	20.6583	1.2	0.1175	2.1	0.0176	1.8	0.84	112.6	2.0	112.8	2.2	118.2	27.2	112.6	2.0
JT03LA Spot 187	655	79946	2.1	20.7525	1.5	0.1177	3.0	0.0177	2.6	0.87	113.2	2.9	112.9	3.2	107.5	35.1	113.2	2.9
JT03LA Spot 122	277	10171700	2.2	20.2911	1.5	0.1209	2.2	0.0178	1.6	0.74	113.8	1.8	115.9	2.4	160.3	34.4	113.8	1.8
JT03LA Spot 298	510	13601	2.0	20.9647	1.5	0.1179	2.8	0.0179	2.3	0.84	114.6	2.6	113.1	2.9	83.3	35.6	114.6	2.6
JT03LA Spot 304	595	120094	1.3	20.3347	1.1	0.1217	1.9	0.0180	1.6	0.83	114.7	1.8	116.6	2.1	155.2	24.7	114.7	1.8
JT03LA Spot 98	577	502471	1.8	19.9447	1.1	0.1241	2.1	0.0180	1.8	0.84	114.8	2.0	118.8	2.4	200.4	26.7	114.8	2.0
JT03LA Spot 88	93	5444	3.5	21.0187	2.0	0.1182	2.5	0.0180	1.5	0.59	115.2	1.7	113.5	2.6	77.2	46.9	115.2	1.7
JT03LA Spot 93	144	7945	2.3	21.2005	2.2	0.1173	2.8	0.0181	1.7	0.61	115.3	1.9	112.7	2.9	56.8	52.0	115.3	1.9
JT03LA Spot 126	633	185206	1.9	20.5212	1.0	0.1214	1.8	0.0181	1.4	0.82	115.5	1.7	116.3	1.9	133.8	23.5	115.5	1.7
JT03LA Spot 222	139	5121	2.4	21.0818	2.3	0.1183	2.6	0.0181	1.2	0.47	115.6	1.4	113.5	2.8	70.1	54.9	115.6	1.4
JT03LA Spot 62	418	13556	2.3	20.8351	1.7	0.1198	2.4	0.0181	1.7	0.71	115.7	1.9	114.9	2.6	98.1	39.8	115.7	1.9
JT03LA Spot 219	466	14462	2.1	20.6940	1.7	0.1208	2.4	0.0181	1.7	0.70	115.9	1.9	115.8	2.6	114.1	39.9	115.9	1.9
JT03LA Spot 117	338	27381	2.0	20.7594	1.4	0.1205	2.3	0.0182	1.9	0.81	116.0	2.2	115.5	2.6	106.7	32.3	116.0	2.2
JT03LA Spot 238	469	31211	1.2	20.6502	1.6	0.1212	2.1	0.0182	1.4	0.67	116.0	1.6	116.2	2.3	119.1	36.7	116.0	1.6
JT03LA Spot 288	85	4311	3.0	21.1598	2.9	0.1185	3.3	0.0182	1.7	0.51	116.2	2.0	113.7	3.6	61.3	68.4	116.2	2.0
JT03LA Spot 248	223	32337	1.8	20.7842	1.5	0.1208	1.9	0.0182	1.2	0.64	116.4	1.4	115.8	2.1	103.8	34.9	116.4	1.4
JT03LA Spot 152	124	163081	2.7	20.2617	2.0	0.1240	2.7	0.0182	1.8	0.67	116.4	2.1	118.7	3.0	163.7	46.3	116.4	2.1
JT03LA Spot 140	213	18922	2.6	21.6999	1.7	0.1159	2.2	0.0182	1.4	0.63	116.5	1.6	111.3	2.4	NA	NA	116.5	1.6
JT03LA Spot 106	139	10255	3.1	20.5593	2.3	0.1223	2.6	0.0182	1.3	0.49	116.6	1.5	117.2	2.9	129.5	53.5	116.6	1.5
JT03LA Spot 230	179	53419	3.0	20.1085	2.1	0.1251	2.6	0.0182	1.6	0.61	116.6	1.9	119.7	3.0	181.4	48.6	116.6	1.9
JT03LA Spot 196	329	24127	2.1	20.7381	1.5	0.1213	2.4	0.0183	1.8	0.76	116.6	2.1	116.3	2.6	109.1	35.9	116.6	2.1
JT03LA Spot 218	265	78918	1.6	20.1259	1.6	0.1250	2.2	0.0183	1.6	0.71	116.6	1.8	119.6	2.5	179.3	36.3	116.6	1.8
JT03LA Spot 43	216	25330	2.0	20.5360	1.8	0.1226	2.3	0.0183	1.4	0.62	116.7	1.7	117.5	2.6	132.1	42.5	116.7	1.7
JT03LA Spot 35	568	27768	2.1	21.0748	1.3	0.1195	2.3	0.0183	1.9	0.82	116.8	2.2	114.7	2.5	70.9	31.3	116.8	2.2
JT03LA Spot 309	345	30737	1.4	21.1743	1.6	0.1191	2.5	0.0183	1.9	0.77	116.9	2.2	114.2	2.7	59.7	37.1	116.9	2.2
JT03LA Spot 110	411	96681	2.6	20.6653	1.2	0.1222	2.3	0.0183	1.9	0.84	117.1	2.3	117.1	2.5	117.4	29.0	117.1	2.3
JT03LA Spot 257	90	5363	2.1	20.5649	2.6	0.1229	3.0	0.0183	1.5	0.52	117.2	1.8	117.7	3.3	128.9	60.1	117.2	1.8
JT03LA Spot 206	268	13050	2.2	20.8868	1.9	0.1211	2.3	0.0184	1.3	0.55	117.3	1.5	116.1	2.5	92.1	45.8	117.3	1.5
JT03LA Spot 241	429	10487	2.1	20.7251	1.5	0.1221	2.4	0.0184	1.9	0.79	117.3	2.2	117.0	2.7	110.5	34.6	117.3	2.2
JT03LA Spot 0	119	92040	5.1	20.7509	2.6	0.1220	3.0	0.0184	1.5	0.51	117.4	1.8	116.9	3.3	107.6	61.6	117.4	1.8
JT03LA Spot 105	86	6989	2.5	20.8917	1.8	0.1213	2.4	0.0184	1.5	0.64	117.5	1.8	116.3	2.6	91.6	43.5	117.5	1.8
JT03LA Spot 171	137	9732	3.0	21.1779	2.2	0.1197	2.6	0.0184	1.5	0.56	117.5	1.7	114.8	2.9	59.3	52.1	117.5	1.7
JT03LA Spot 142	97	118167	2.1	20.3545	1.9	0.1247	2.4	0.0184	1.5	0.63	117.7	1.7	119.3	2.7	153.0	43.7	117.7	1.7
JT03LA Spot 78	224	7580	2.5	21.1605	2.6	0.1200	3.0	0.0184	1.4	0.48	117.7	1.6	115.1	3.2	61.2	62.0	117.7	1.6
JT03LA Spot 2	97	51713	2.5	20.0968	1.9	0.1265	2.6	0.0184	1.8	0.69	117.8	2.1	121.0	2.9	182.7	43.3	117.8	2.1
JT03LA Spot 287	547	35922	2.1	20.3764	1.0	0.1248	2.1	0.0185	1.9	0.89	117.9	2.2	119.4	2.4	150.5	22.7	117.9	2.2



JT03LA Spot 17	193	10733	2.2	20.5118	1.6	0.1240	2.0	0.0185	1.2	0.63	117.9	1.5	118.7	2.2	134.9	36.5	117.9	1.5
JT03LA Spot 79	183	33174	2.3	19.6236	1.6	0.1296	1.9	0.0185	1.0	0.55	117.9	1.2	123.8	2.2	238.0	36.4	117.9	1.2
JT03LA Spot 296	208	15663	2.1	20.9961	1.3	0.1212	1.8	0.0185	1.3	0.69	118.0	1.5	116.2	2.0	79.8	31.7	118.0	1.5
JT03LA Spot 217	329	134167	3.4	20.4398	1.4	0.1246	2.4	0.0185	2.0	0.82	118.1	2.3	119.2	2.7	143.2	32.9	118.1	2.3
JT03LA Spot 178	293	17667	3.5	20.7167	1.3	0.1230	2.0	0.0185	1.6	0.78	118.1	1.9	117.8	2.3	111.5	30.0	118.1	1.9
JT03LA Spot 284	203	8620	1.6	21.2161	1.6	0.1203	2.3	0.0185	1.6	0.70	118.3	1.9	115.3	2.5	55.0	38.8	118.3	1.9
JT03LA Spot 175	84	9498	2.1	20.6223	2.1	0.1239	2.4	0.0185	1.3	0.52	118.4	1.5	118.6	2.7	122.3	49.0	118.4	1.5
JT03LA Spot 74	1003	98604	1.4	20.6740	1.1	0.1236	1.8	0.0185	1.4	0.80	118.4	1.7	118.3	2.0	116.4	25.4	118.4	1.7
JT03LA Spot 146	207	6045	2.1	22.0353	1.5	0.1161	1.9	0.0186	1.2	0.60	118.5	1.4	111.5	2.0	NA	NA	118.5	1.4
JT03LA Spot 107	602	675986	1.4	20.6801	1.0	0.1237	1.8	0.0186	1.5	0.84	118.6	1.8	118.4	2.0	115.7	23.6	118.6	1.8
JT03LA Spot 201	592	131649	1.7	20.3329	1.2	0.1259	2.3	0.0186	2.0	0.86	118.6	2.4	120.4	2.7	155.5	28.0	118.6	2.4
JT03LA Spot 44	264	9287	2.0	20.9077	1.6	0.1224	2.0	0.0186	1.3	0.62	118.6	1.5	117.2	2.2	89.8	37.6	118.6	1.5
JT03LA Spot 85	210	17657	1.9	18.5151	1.8	0.1382	2.2	0.0186	1.4	0.62	118.6	1.6	131.5	2.8	370.5	39.5	118.6	1.6
JT03LA Spot 244	181	73125	2.2	19.7085	1.6	0.1299	2.2	0.0186	1.6	0.70	118.6	1.9	124.0	2.6	228.0	36.6	118.6	1.9
JT03LA Spot 139	100	4431	2.7	22.7884	4.2	0.1123	4.5	0.0186	1.6	0.35	118.6	1.9	108.1	4.6	NA	NA	118.6	1.9
JT03LA Spot 215	186	46740	3.8	20.9139	2.1	0.1224	2.5	0.0186	1.4	0.54	118.7	1.6	117.3	2.8	89.1	50.0	118.7	1.6
JT03LA Spot 289	125	3201	2.4	22.2575	2.1	0.1151	2.4	0.0186	1.3	0.52	118.7	1.5	110.6	2.5	NA	NA	118.7	1.5
JT03LA Spot 16	118	4036	2.5	22.4952	4.5	0.1139	4.7	0.0186	1.5	0.32	118.7	1.8	109.5	4.9	NA	NA	118.7	1.8
JT03LA Spot 262	229	170540	2.0	20.5011	1.6	0.1250	1.9	0.0186	1.1	0.57	118.7	1.3	119.6	2.2	136.1	36.9	118.7	1.3
JT03LA Spot 198	113	70170	2.3	20.4354	1.9	0.1254	2.3	0.0186	1.2	0.52	118.7	1.4	119.9	2.6	143.7	45.7	118.7	1.4
JT03LA Spot 246	91	7335	1.8	20.8501	3.1	0.1230	3.4	0.0186	1.5	0.44	118.8	1.8	117.8	3.8	96.3	72.7	118.8	1.8
JT03LA Spot 252	202	8258	2.2	21.0645	1.8	0.1217	2.3	0.0186	1.5	0.65	118.8	1.8	116.6	2.6	72.1	42.1	118.8	1.8
JT03LA Spot 41	118	1805393	2.5	19.9031	1.8	0.1289	2.2	0.0186	1.2	0.56	118.9	1.4	123.1	2.5	205.3	41.3	118.9	1.4
JT03LA Spot 145	408	123599	3.1	21.0007	1.4	0.1222	2.2	0.0186	1.7	0.77	118.9	2.0	117.1	2.4	79.3	33.1	118.9	2.0
JT03LA Spot 91	110	8211	3.1	21.2045	2.4	0.1210	2.8	0.0186	1.3	0.48	118.9	1.6	116.0	3.1	56.3	58.3	118.9	1.6
JT03LA Spot 77	551	27237	2.2	20.4738	1.5	0.1255	2.5	0.0186	2.1	0.81	119.1	2.4	120.1	2.9	139.3	35.1	119.1	2.4
JT03LA Spot 25	261	8440	2.0	21.2343	1.6	0.1211	2.2	0.0187	1.5	0.68	119.1	1.7	116.0	2.4	52.9	37.8	119.1	1.7
JT03LA Spot 192	571	20072	1.8	21.0178	1.1	0.1224	2.1	0.0187	1.7	0.84	119.2	2.0	117.2	2.3	77.3	26.7	119.2	2.0
JT03LA Spot 169	259	32216	2.4	21.1044	1.7	0.1219	2.4	0.0187	1.6	0.68	119.3	1.9	116.8	2.6	67.6	41.4	119.3	1.9
JT03LA Spot 221	243	27659	1.5	20.0783	2.0	0.1282	2.5	0.0187	1.5	0.61	119.3	1.8	122.5	2.9	184.9	46.0	119.3	1.8
JT03LA Spot 197	134	8083	2.2	20.9048	2.9	0.1233	3.1	0.0187	1.2	0.39	119.4	1.4	118.0	3.5	90.1	68.5	119.4	1.4
JT03LA Spot 166	236	23430	1.8	20.4536	1.5	0.1261	2.1	0.0187	1.5	0.70	119.5	1.8	120.6	2.4	141.6	36.0	119.5	1.8
JT03LA Spot 160	117	15028	2.4	19.8657	2.3	0.1298	2.7	0.0187	1.3	0.48	119.5	1.5	123.9	3.1	209.6	54.0	119.5	1.5
JT03LA Spot 208	83	7559	2.1	20.4199	2.7	0.1263	3.0	0.0187	1.4	0.47	119.5	1.7	120.8	3.5	145.5	62.9	119.5	1.7
JT03LA Spot 237	108	24251	3.3	19.6048	2.4	0.1317	2.7	0.0187	1.3	0.46	119.6	1.5	125.6	3.2	240.2	55.6	119.6	1.5
JT03LA Spot 305	439	96546	1.5	20.4071	1.0	0.1265	2.0	0.0187	1.8	0.87	119.6	2.1	120.9	2.3	147.0	23.0	119.6	2.1
JT03LA Spot 225	630	92262	2.1	20.4955	1.0	0.1260	2.0	0.0187	1.7	0.85	119.7	2.0	120.5	2.2	136.8	24.2	119.7	2.0
JT03LA Spot 86	331	34429	2.9	20.9603	1.5	0.1234	1.9	0.0188	1.3	0.65	119.8	1.5	118.1	2.2	83.8	35.1	119.8	1.5
JT03LA Spot 30	306	74602	1.8	20.6151	1.0	0.1256	1.9	0.0188	1.6	0.85	120.0	1.9	120.1	2.1	123.1	22.7	120.0	1.9
JT03LA Spot 18	173	6739	2.1	21.6893	2.5	0.1194	2.9	0.0188	1.5	0.51	120.0	1.8	114.5	3.2	2.1	60.9	120.0	1.8
JT03LA Spot 75	256	66681	2.4	20.3992	1.3	0.1270	2.1	0.0188	1.6	0.79	120.0	1.9	121.4	2.4	147.8	29.5	120.0	1.9
JT03LA Spot 37	156	8917	1.5	21.6124	2.3	0.1199	2.6	0.0188	1.3	0.48	120.1	1.5	115.0	2.9	10.7	55.5	120.1	1.5
JT03LA Spot 268	102	13522	2.2	21.0534	2.1	0.1233	2.4	0.0188	1.3	0.53	120.3	1.5	118.1	2.7	73.3	49.2	120.3	1.5
JT03LA Spot 189	107	11117	2.4	19.8034	2.1	0.1313	2.5	0.0189	1.4	0.56	120.4	1.7	125.2	3.0	216.9	48.5	120.4	1.7
JT03LA Spot 156	335	95329	2.9	20.9978	1.7	0.1239	2.2	0.0189	1.5	0.66	120.5	1.8	118.6	2.5	79.6	39.7	120.5	1.8
JT03LA Spot 159	934	61387	2.1	20.5735	1.0	0.1264	1.9	0.0189	1.6	0.85	120.5	1.9	120.9	2.1	127.9	23.0	120.5	1.9
JT03LA Spot 290	225	30182	1.8	19.9878	2.0	0.1302	2.6	0.0189	1.7	0.64	120.6	2.0	124.2	3.0	195.4	46.6	120.6	2.0
JT03LA Spot 314	117	4512	1.8	22.2497	2.6	0.1173	3.2	0.0189	1.9	0.60	120.9	2.3	112.6	3.4	NA	NA	120.9	2.3
JT03LA Spot 124	202	5438	2.5	22.0863	1.8	0.1182	2.3	0.0189	1.4	0.62	121.0	1.7	113.4	2.4	NA	NA	121.0	1.7
JT03LA Spot 7	156	7676	2.5	21.4964	1.8	0.1214	2.3	0.0189	1.4	0.62	121.0	1.7	116.4	2.6	23.6	43.7	121.0	1.7
JT03LA Spot 33	58	1888	2.5	24.3211	2.3	0.1074	2.6	0.0189	1.2	0.44	121.0	1.4	103.5	2.6	NA	NA	121.0	1.4
JT03LA Spot 14	171	5637	2.0	21.5774	1.4	0.1210	2.1	0.0189	1.5	0.73	121.0	1.8	116.0	2.3	14.6	34.6	121.0	1.8
JT03LA Spot 299	72	9826	2.9	20.9232	2.4	0.1249	2.8	0.0190	1.5	0.52	121.0	1.7	119.5	3.1	88.1	56.1	121.0	1.7
JT03LA Spot 194	176	6073	3.1	21.2833	3.1	0.1230	3.4	0.0190	1.4	0.42	121.3	1.7	117.8	3.8	47.5	73.1	121.3	1.7
JT03LA Spot 258	117	143970	2.4	19.9783	1.8	0.1311	2.5	0.0190	1.8	0.72	121.3	2.2	125.0	3.0	196.5	40.9	121.3	2.2
JT03LA Spot 141	87	5488	2.9	21.1326	2.0	0.1240	2.6	0.0190	1.6	0.62	121.4	1.9	118.7	2.9	64.4	48.7	121.4	1.9
JT03LA Spot 182	400	23013	2.4	20.5386	1.3	0.1276	2.1	0.0190	1.7	0.80	121.5	2.1	122.0	2.5	131.8	30.1	121.5	2.1
JT03LA Spot 5	67	63256	3.1	21.0198	2.6	0.1247	3.3	0.0190	2.2	0.64	121.5	2.6	119.4	3.8	77.1	60.9	121.5	2.6
JT03LA Spot 259	647	93125	1.9	20.4600	1.0	0.1282	1.7	0.0190	1.4	0.82	121.6	1.7	122.5	2.0	140.9	22.6	121.6	1.7
JT03LA Spot 188	120	14981	3.4	21.2877	2.4	0.1233	2.9	0.0190	1.6	0.57	121.6	2.0	118.0	3.2	46.9	56.6	121.6	2.0
JT03LA Spot 303	336	43208	1.9	20.4155	1.2	0.1286	2.6	0.0191	2.3	0.89	121.7	2.7	122.9	3.0	146.0	27.8	121.7	2.7
JT03LA Spot 125	196	10942	1.9	21.3632	1.7	0.1230	2.2	0.0191	1.4	0.63	121.7	1.7	117.8	2.5	38.5	41.2	121.7	1.7
JT03LA Spot 127	313	11874	2.5	18.4952	3.0	0.1422	3.7	0.0191	2.2	0.59	121.9	2.6	135.0	4.6	372.9	66.9	121.9	2.6
JT03LA Spot 229	638	19959	1.4	19.1246	1.3	0.1378	2.0	0.0191	1.5	0.75	122.1	1.8	131.0	2.5	297.1	30.4	122.1	1.8
JT03LA Spot 21	203	6378	2.0	21.8521	1.7	0.1206	2.1	0.0191	1.1	0.55	122.1	1.4	115.6	2.3	NA	NA	122.1	1.4
JT03LA Spot 134	103	39530	2.2	20.1705	2.4	0.1307	3.0	0.0191	1.7	0.59	122.2	2.1	124.8	3.5	174.2	56.0	122.2	2.1
JT03LA Spot 112	354	14994	1.6	21.0307	1.1	0.1254	1.8	0.0191	1.5	0.82	122.2	1.8	120.0	2.1	75.9	25.2	122.2	1.8
JT03LA Spot 286	307	21277	1.4	20.9131	1.6	0.1262	2.4	0.019										

JT03LA Spot 150	153	77926	2.2	20.6386	2.1	0.1356	2.3	0.0203	1.0	0.43	129.6	1.3	129.2	2.8	120.4	50.0	129.6	1.3
JT03LA Spot 136	270	348441	3.6	19.6343	1.3	0.1426	1.6	0.0203	0.9	0.54	129.7	1.1	135.4	2.0	236.7	30.4	129.7	1.1
JT03LA Spot 223	291	32931	3.6	20.8638	1.3	0.1399	2.1	0.0212	1.6	0.77	135.1	2.2	132.9	2.6	94.8	31.7	135.1	2.2
JT03LA Spot 113	105	11012	2.4	11.2459	8.7	0.2613	8.9	0.0213	1.8	0.20	136.0	2.4	235.7	18.7	1401.6	167.5	136.0	2.4
JT03LA Spot 32	162	84825	2.6	19.9237	1.7	0.1486	2.1	0.0215	1.1	0.55	137.0	1.5	140.7	2.7	202.9	39.8	137.0	1.5
JT03LA Spot 297	39	1586	3.4	6.6854	16.2	0.4429	16.3	0.0215	2.0	0.12	137.0	2.7	372.3	50.9	2340.4	279.3	137.0	2.7
JT03LA Spot 294	210	7495	1.3	21.0497	1.3	0.1437	1.7	0.0219	1.1	0.65	139.9	1.5	136.3	2.1	73.7	29.9	139.9	1.5
JT03LA Spot 129	568	13725	1.8	18.7773	1.3	0.1612	2.6	0.0220	2.2	0.87	140.1	3.1	151.8	3.6	338.7	28.9	140.1	3.1
JT03LA Spot 143	412	26241	2.0	20.4112	1.6	0.1497	2.6	0.0222	2.0	0.78	141.3	2.8	141.6	3.4	146.5	37.5	141.3	2.8
JT03LA Spot 71	115	6997	1.6	21.2705	1.8	0.1439	2.3	0.0222	1.5	0.64	141.6	2.0	136.5	2.9	48.8	42.2	141.6	2.0
JT03LA Spot 164	270	29027	1.4	20.6732	1.6	0.1495	2.4	0.0224	1.7	0.73	143.0	2.4	141.5	3.1	116.5	38.4	143.0	2.4
JT03LA Spot 203	352	33146	5.3	20.6168	1.2	0.1513	2.1	0.0226	1.7	0.82	144.3	2.4	143.1	2.8	122.9	28.6	144.3	2.4
JT03LA Spot 280	372	62780	1.6	19.9907	1.4	0.1571	2.3	0.0228	1.8	0.78	145.3	2.6	148.2	3.2	195.1	33.6	145.3	2.6
JT03LA Spot 228	311	33025	3.0	20.3157	1.7	0.1551	2.8	0.0229	2.2	0.80	145.7	3.2	146.4	3.8	157.4	38.7	145.7	3.2
JT03LA Spot 114	44	2645	1.5	22.4727	2.8	0.1407	3.0	0.0229	1.2	0.40	146.2	1.7	133.7	3.8	NA	NA	146.2	1.7
JT03LA Spot 42	175	15615	1.9	21.0363	1.5	0.1505	1.9	0.0230	1.2	0.61	146.5	1.7	142.4	2.5	75.2	35.7	146.5	1.7
JT03LA Spot 56	609	44432	1.5	20.3890	0.9	0.1557	2.1	0.0230	1.9	0.90	146.8	2.8	146.9	2.9	149.0	21.9	146.8	2.8
JT03LA Spot 11	342	15419	2.4	20.8505	1.5	0.1523	2.4	0.0230	1.8	0.77	146.9	2.6	144.0	3.2	96.3	36.0	146.9	2.6
JT03LA Spot 97	115	16609	2.7	20.5504	1.7	0.1548	2.0	0.0231	1.0	0.52	147.2	1.5	146.2	2.7	130.5	39.6	147.2	1.5
JT03LA Spot 263	347	30298	1.8	20.5908	1.6	0.1548	2.4	0.0231	1.9	0.77	147.4	2.7	146.1	3.3	125.9	36.6	147.4	2.7
JT03LA Spot 19	180	8133	2.7	21.0673	1.4	0.1513	2.0	0.0231	1.4	0.72	147.4	2.1	143.1	2.7	71.8	33.3	147.4	2.1
JT03LA Spot 53	1438	95022	4.9	20.1657	0.9	0.1581	1.7	0.0231	1.5	0.85	147.4	2.2	149.1	2.4	174.7	21.0	147.4	2.2
JT03LA Spot 312	433	21346	2.2	20.4629	1.4	0.1558	2.1	0.0231	1.6	0.74	147.5	2.3	147.1	2.9	140.5	33.1	147.5	2.3
JT03LA Spot 68	136	54902	1.7	20.0457	1.7	0.1592	2.3	0.0232	1.6	0.68	147.6	2.3	150.0	3.2	188.6	39.6	147.6	2.3
JT03LA Spot 40	175	13980	1.8	21.0796	1.6	0.1516	2.0	0.0232	1.3	0.62	147.7	1.8	143.3	2.7	70.4	38.2	147.7	1.8
JT03LA Spot 265	354	95906	2.3	20.0310	1.7	0.1595	2.5	0.0232	1.8	0.73	147.7	2.6	150.3	3.4	190.4	39.0	147.7	2.6
JT03LA Spot 132	146	9711	1.6	20.1619	1.7	0.1585	2.0	0.0232	1.1	0.53	147.8	1.6	149.4	2.8	175.2	39.5	147.8	1.6
JT03LA Spot 172	927	82742	2.8	20.3174	1.0	0.1574	1.7	0.0232	1.4	0.82	147.8	2.1	148.4	2.4	157.3	22.7	147.8	2.1
JT03LA Spot 226	100	6372	2.0	21.4685	2.1	0.1490	2.4	0.0232	1.2	0.51	147.9	1.8	141.0	3.2	26.7	49.7	147.9	1.8
JT03LA Spot 6	324	42792	2.7	20.5534	1.2	0.1567	1.9	0.0234	1.5	0.77	148.9	2.2	147.8	2.6	130.1	28.1	148.9	2.2
JT03LA Spot 20	167	5846	2.1	19.5928	2.3	0.1645	2.7	0.0234	1.3	0.49	149.0	1.9	154.6	3.8	241.6	53.5	149.0	1.9
JT03LA Spot 61	804	28328	2.3	20.2703	1.1	0.1591	2.2	0.0234	1.9	0.86	149.1	2.8	149.9	3.1	162.7	26.7	149.1	2.8
JT03LA Spot 209	421	23532	6.4	21.0193	1.4	0.1537	2.5	0.0234	2.1	0.82	149.4	3.1	145.2	3.4	77.1	34.2	149.4	3.1
JT03LA Spot 232	424	84676	4.5	19.8399	1.4	0.1631	2.2	0.0235	1.7	0.76	149.6	2.5	153.4	3.2	212.6	33.2	149.6	2.5
JT03LA Spot 104	294	25218	1.7	20.4831	1.4	0.1580	2.1	0.0235	1.5	0.74	149.6	2.3	148.9	2.9	138.2	32.7	149.6	2.3
JT03LA Spot 46	220	153303	2.6	20.0813	1.3	0.1617	2.0	0.0236	1.5	0.74	150.1	2.2	152.2	2.8	184.5	30.4	150.1	2.2
JT03LA Spot 269	196	23289	1.7	19.6564	1.7	0.1653	2.2	0.0236	1.4	0.63	150.2	2.1	155.3	3.2	234.1	40.1	150.2	2.1
JT03LA Spot 130	215	59056	2.8	19.8696	1.3	0.1635	1.7	0.0236	1.1	0.65	150.2	1.7	153.8	2.4	209.2	30.1	150.2	1.7
JT03LA Spot 102	200	12300	1.6	20.7776	1.6	0.1564	1.8	0.0236	1.0	0.52	150.2	1.4	147.5	2.5	104.6	36.9	150.2	1.4
JT03LA Spot 240	820	50625	17.4	20.4785	1.1	0.1587	2.0	0.0236	1.7	0.83	150.3	2.5	149.6	2.8	138.7	26.0	150.3	2.5
JT03LA Spot 247	88	17395	2.7	20.1489	2.1	0.1614	2.7	0.0236	1.6	0.61	150.3	2.4	151.9	3.8	176.7	49.2	150.3	2.4
JT03LA Spot 45	221	9325	2.8	20.9459	1.8	0.1553	2.1	0.0236	1.1	0.53	150.4	1.7	146.6	2.9	85.5	42.7	150.4	1.7
JT03LA Spot 163	156	37358	1.5	20.3375	1.3	0.1602	1.7	0.0236	1.1	0.64	150.6	1.7	150.8	2.4	155.0	31.1	150.6	1.7
JT03LA Spot 285	94	2587	1.9	22.2620	2.2	0.1463	2.5	0.0236	1.2	0.49	150.6	1.8	138.7	3.2	NA	NA	150.6	1.8
JT03LA Spot 300	97	5588	3.3	20.6117	2.4	0.1583	2.8	0.0237	1.5	0.53	150.8	2.2	149.2	3.9	123.5	56.2	150.8	2.2
JT03LA Spot 174	261	13513	2.4	20.4759	1.5	0.1596	1.9	0.0237	1.2	0.63	151.1	1.8	150.4	2.7	139.0	35.4	151.1	1.8
JT03LA Spot 49	175	16109	2.6	20.5962	1.7	0.1590	2.0	0.0238	1.2	0.58	151.4	1.8	149.8	2.8	125.2	39.3	151.4	1.8
JT03LA Spot 213	145	15411	2.5	21.4440	1.5	0.1533	1.9	0.0239	1.1	0.58	152.0	1.7	144.8	2.6	29.4	37.1	152.0	1.7
JT03LA Spot 295	727	46383	1.9	20.2346	1.0	0.1625	1.8	0.0239	1.5	0.82	152.0	2.2	152.9	2.5	166.8	23.9	152.0	2.2
JT03LA Spot 99	626	58946	2.6	20.5500	1.1	0.1601	2.3	0.0239	2.0	0.87	152.1	2.9	150.8	3.2	130.5	26.0	152.1	2.9
JT03LA Spot 267	370	95615	5.9	20.0802	1.5	0.1639	2.6	0.0239	2.1	0.80	152.1	3.1	154.1	3.7	184.6	35.5	152.1	3.1
JT03LA Spot 210	573	33598	2.3	20.6446	1.0	0.1596	1.6	0.0239	1.3	0.80	152.3	2.0	150.3	2.3	119.8	23.5	152.3	2.0
JT03LA Spot 154	344	22672	2.2	20.3229	1.3	0.1623	1.9	0.0239	1.5	0.76	152.5	2.2	152.7	2.7	156.6	29.5	152.5	2.2
JT03LA Spot 128	242	36715	2.9	20.3558	1.9	0.1621	2.5	0.0239	1.7	0.67	152.5	2.5	152.5	3.6	152.8	43.8	152.5	2.5
JT03LA Spot 100	347	22278	1.3	20.4132	1.2	0.1617	1.7	0.0240	1.3	0.74	152.6	1.9	152.2	2.4	146.3	27.1	152.6	1.9
JT03LA Spot 199	401	22441	2.8	20.0890	1.5	0.1643	2.5	0.0240	2.1	0.82	152.6	3.1	154.5	3.6	183.6	34.1	152.6	3.1
JT03LA Spot 1	398	25318	2.7	20.2659	1.1	0.1629	1.9	0.0240	1.5	0.82	152.6	2.3	153.2	2.6	163.2	24.7	152.6	2.3
JT03LA Spot 283	156	26403	1.7	20.4467	1.7	0.1618	2.2	0.0240	1.4	0.64	152.9	2.1	152.3	3.1	142.4	40.1	152.9	2.1
JT03LA Spot 158	464	77310	2.8	20.4667	1.1	0.1616	1.6	0.0240	1.2	0.72	152.9	1.8	152.1	2.3	140.1	26.0	152.9	1.8
JT03LA Spot 202	454	49293	2.8	20.0509	1.4	0.1651	2.0	0.0240	1.4	0.72	153.0	2.2	155.1	2.9	188.1	32.8	153.0	2.2
JT03LA Spot 90	113	6051	3.7	21.8511	1.6	0.1515	2.2	0.0240	1.5	0.69	153.0	2.3	143.2	3.0	NA	NA	153.0	2.3
JT03LA Spot 8	94	6758	4.6	20.9643	1.8	0.1580	2.2	0.0240	1.3	0.59	153.1	2.0	149.0	3.1	83.4	42.5	153.1	2.0
JT03LA Spot 308	333	83162	1.5	19.7148	1.0	0.1683	1.7	0.0241	1.3	0.80	153.4	2.0	158.0	2.5	227.3	23.3	153.4	2.0
JT03LA Spot 36	612	31930	2.7	19.9559	1.0	0.1665	1.8	0.0241	1.5	0.84	153.5	2.3	156.4	2.7	199.1	23.2	153.5	2.3
JT03LA Spot 242	170	46022	2.8	20.1855	1.7	0.1649	2.4	0.0241	1.7	0.70	153.8	2.5	155.0	3.4	172.5	39.8	153.8	2.5
JT03LA Spot 65	252	25387	2.6	20.4934	1.3	0.1627	1.7	0.0242	1.1	0.65	154.1	1.7	153.0	2.4	137.1	30.4	154.1	1.7
JT03LA Spot 60	139	10313	1.7	21.1361	2.2	0.1577	2.5	0.0242	1.1	0.44	154.1	1.7	148.7	3.4	64.0	53.2	154.1	1.7
JT03LA Spot 151	590	567																

JT03LA Spot 96	82	27064	2.1	20.4398	2.0	0.1663	2.3	0.0247	1.1	0.49	157.0	1.8	156.2	3.4	143.2	47.5	157.0	1.8
JT03LA Spot 72	456	43941	1.5	20.3251	1.1	0.1672	1.8	0.0247	1.4	0.79	157.0	2.2	157.0	2.6	156.4	25.5	157.0	2.2
JT03LA Spot 193	1844	194092	2.0	20.2296	0.8	0.1683	1.3	0.0247	1.1	0.82	157.3	1.7	157.9	1.9	167.4	17.6	157.3	1.7
JT03LA Spot 282	520	42280	2.6	20.0933	1.2	0.1695	1.8	0.0247	1.3	0.74	157.4	2.1	159.0	2.6	183.1	28.3	157.4	2.1
JT03LA Spot 3	331	51508	2.6	20.4977	1.0	0.1662	1.5	0.0247	1.1	0.74	157.5	1.8	156.2	2.2	136.5	24.5	157.5	1.8
JT03LA Spot 24	461	84998	4.3	19.1678	1.4	0.1779	2.2	0.0247	1.7	0.76	157.5	2.6	166.2	3.3	291.9	32.0	157.5	2.6
JT03LA Spot 115	148	2930	2.0	12.0677	6.8	0.2834	7.1	0.0248	1.9	0.27	158.0	2.9	253.4	15.8	1265.2	133.1	158.0	2.9
JT03LA Spot 121	192	28337	2.5	20.0218	1.2	0.1710	1.7	0.0248	1.2	0.70	158.2	1.9	160.3	2.5	191.5	28.3	158.2	1.9
JT03LA Spot 271	234	8609	2.1	19.4585	2.3	0.1761	3.1	0.0249	2.1	0.68	158.3	3.3	164.7	4.7	257.4	52.3	158.3	3.3
JT03LA Spot 243	282	98265	3.3	19.9475	1.2	0.1724	2.0	0.0250	1.6	0.81	158.9	2.5	161.5	3.0	200.1	27.1	158.9	2.5
JT03LA Spot 224	335	15697	2.0	19.9512	1.1	0.1726	2.1	0.0250	1.8	0.85	159.1	2.8	161.7	3.1	199.7	25.0	159.1	2.8
JT03LA Spot 148	330	37567	3.4	20.1097	1.0	0.1715	1.8	0.0250	1.5	0.83	159.3	2.3	160.7	2.6	181.2	23.2	159.3	2.3
JT03LA Spot 212	460	44688	2.3	20.5113	1.0	0.1684	1.8	0.0251	1.5	0.83	159.6	2.4	158.1	2.7	135.0	23.8	159.6	2.4
JT03LA Spot 220	268	69870	2.4	19.7707	1.5	0.1752	2.1	0.0251	1.5	0.69	160.0	2.3	163.9	3.2	220.7	35.7	160.0	2.3
JT03LA Spot 176	240	52032	3.2	20.5963	1.3	0.1682	1.6	0.0251	0.9	0.56	160.0	1.4	157.8	2.3	125.2	30.6	160.0	1.4
JT03LA Spot 66	234	11111	2.6	20.7588	1.9	0.1669	2.4	0.0251	1.5	0.63	160.1	2.4	156.7	3.5	106.7	44.3	160.1	2.4
JT03LA Spot 161	317	273540	3.0	20.3491	1.2	0.1704	2.0	0.0252	1.6	0.80	160.2	2.5	159.8	3.0	153.6	28.0	160.2	2.5
JT03LA Spot 94	401	27996	2.4	20.7313	1.1	0.1679	1.8	0.0253	1.4	0.80	160.8	2.2	157.6	2.6	109.8	25.2	160.8	2.2
JT03LA Spot 69	74	17252	2.7	20.8692	1.9	0.1678	2.2	0.0254	1.0	0.46	161.7	1.6	157.5	3.1	94.2	45.3	161.7	1.6
JT03LA Spot 52	130	37953	3.0	20.7369	1.9	0.1689	2.6	0.0254	1.7	0.67	161.8	2.8	158.5	3.8	109.2	45.1	161.8	2.8
JT03LA Spot 137	164	29506	1.5	20.3089	1.3	0.1734	2.0	0.0255	1.5	0.75	162.6	2.4	162.3	3.0	158.2	31.3	162.6	2.4
JT03LA Spot 227	346	38610	3.1	19.9056	1.2	0.1799	1.9	0.0260	1.5	0.79	165.3	2.4	167.9	2.9	205.0	26.7	165.3	2.4
JT03LA Spot 183	1319	1594706	1.7	19.5166	1.1	0.2549	2.4	0.0361	2.1	0.89	228.6	4.8	230.6	5.0	250.5	25.6	228.6	4.8
JT03LA Spot 301	339	45246	2.3	19.8054	1.4	0.2534	2.4	0.0364	2.0	0.81	230.5	4.5	229.3	5.0	216.7	32.9	230.5	4.5
JT03LA Spot 103	187	99496	2.6	18.9863	1.3	0.2967	1.7	0.0409	1.0	0.62	258.2	2.6	263.8	3.9	313.6	29.9	258.2	2.6
JT03LA Spot 118	526	68290	2.9	19.1644	0.9	0.3337	1.9	0.0464	1.7	0.87	292.4	4.8	292.4	4.9	292.3	21.4	292.4	4.8
JT03LA Spot 293	894	111037	3.1	18.4939	1.0	0.3488	1.7	0.0468	1.4	0.81	294.8	3.9	303.8	4.4	373.0	22.4	294.8	3.9
JT03LA Spot 38	282	28163	2.3	19.1294	1.1	0.3404	1.6	0.0473	1.2	0.73	297.6	3.4	297.5	4.1	296.5	24.8	297.6	3.4
JT03LA Spot 135	658	189955	2.8	19.0041	0.9	0.3445	1.8	0.0475	1.6	0.88	299.2	4.6	300.6	4.7	311.5	19.6	299.2	4.6
JT03LA Spot 250	498	67221	2.7	18.4538	1.3	0.3566	2.5	0.0477	2.1	0.85	300.6	6.1	309.6	6.6	377.9	29.1	300.6	6.1
JT03LA Spot 313	469	158515	5.1	19.2747	0.9	0.3434	2.0	0.0480	1.8	0.88	302.4	5.2	299.7	5.2	279.2	21.3	302.4	5.2
JT03LA Spot 207	167	22363	2.6	19.1587	1.5	0.3468	1.9	0.0482	1.2	0.62	303.5	3.4	302.3	4.9	293.0	33.2	303.5	3.4
JT03LA Spot 9	120	15277	1.9	15.7268	2.9	0.4236	3.1	0.0483	1.0	0.34	304.3	3.1	358.6	9.4	726.9	61.9	304.3	3.1
JT03LA Spot 261	395	660987	1.7	18.7643	0.8	0.3555	1.6	0.0484	1.4	0.86	304.7	4.1	308.8	4.3	340.3	18.5	304.7	4.1
JT03LA Spot 180	416	294336	2.2	18.9070	0.9	0.3528	1.9	0.0484	1.7	0.87	304.7	4.9	306.9	5.0	323.1	21.0	304.7	4.9
JT03LA Spot 108	193	198118	1.8	19.2271	0.9	0.3476	1.6	0.0485	1.3	0.82	305.3	3.9	302.9	4.2	284.8	21.2	305.3	3.9
JT03LA Spot 31	407	496210	1.4	19.0908	1.0	0.3503	1.7	0.0485	1.3	0.81	305.4	4.0	304.9	4.4	301.1	22.2	305.4	4.0
JT03LA Spot 184	268	25354	1.7	18.8332	1.3	0.3558	1.9	0.0486	1.3	0.71	306.0	4.0	309.1	5.0	332.0	29.6	306.0	4.0
JT03LA Spot 92	321	100936	2.7	19.1791	1.0	0.3501	1.8	0.0487	1.4	0.81	306.6	4.2	304.8	4.6	290.5	23.6	306.6	4.2
JT03LA Spot 253	99	10498	2.0	19.1632	1.4	0.3504	1.9	0.0487	1.3	0.67	306.7	3.8	305.1	5.0	292.5	32.4	306.7	3.8
JT03LA Spot 216	596	148905	1.6	18.9422	0.7	0.3548	1.7	0.0488	1.5	0.89	307.0	4.4	308.3	4.4	318.9	17.0	307.0	4.4
JT03LA Spot 266	330	144188	1.7	18.9472	1.0	0.3551	1.8	0.0488	1.5	0.81	307.2	4.4	308.5	4.7	318.3	23.5	307.2	4.4
JT03LA Spot 306	1252	318679	2.0	19.0657	0.7	0.3534	1.5	0.0489	1.3	0.87	307.7	4.0	307.3	4.0	304.1	17.0	307.7	4.0
JT03LA Spot 95	990	79544	2.2	19.0735	0.8	0.3540	1.8	0.0490	1.7	0.90	308.3	5.0	307.7	4.8	303.2	17.8	308.3	5.0
JT03LA Spot 67	351	122930	2.6	19.1114	1.0	0.3537	2.1	0.0490	1.8	0.86	308.6	5.3	307.5	5.4	298.6	23.8	308.6	5.3
JT03LA Spot 82	1097	246264	1.6	19.0712	0.9	0.3546	1.7	0.0491	1.4	0.85	308.8	4.3	308.2	4.5	303.4	20.4	308.8	4.3
JT03LA Spot 173	659	131455	1.5	18.8919	0.8	0.3583	1.7	0.0491	1.5	0.88	309.1	4.6	311.0	4.7	324.9	18.6	309.1	4.6
JT03LA Spot 275	230	38296	5.7	18.9936	1.4	0.3571	1.8	0.0492	1.1	0.61	309.7	3.4	310.1	4.8	312.7	32.4	309.7	3.4
JT03LA Spot 51	156	75615	1.8	18.9071	0.8	0.3595	1.6	0.0493	1.4	0.86	310.4	4.2	311.9	4.3	323.1	18.9	310.4	4.2
JT03LA Spot 260	140	4834	3.5	12.4698	6.8	0.5475	7.2	0.0495	2.3	0.32	311.7	6.9	443.4	25.8	1200.9	134.5	311.7	6.9
JT03LA Spot 302	490	97247	2.1	19.1672	0.9	0.3573	1.6	0.0497	1.3	0.83	312.6	4.0	310.2	4.2	292.0	19.9	312.6	4.0
JT03LA Spot 70	379	81491	2.6	18.9307	0.7	0.3629	1.5	0.0498	1.3	0.89	313.6	4.1	314.4	4.0	320.3	15.5	313.6	4.1
JT03LA Spot 195	210	24980	2.1	14.9859	1.8	0.4712	2.1	0.0512	1.1	0.52	322.1	3.5	392.0	6.9	828.4	37.8	322.1	3.5
JT03LA Spot 89	323	170668	2.7	18.7107	0.9	0.4201	2.0	0.0570	1.7	0.89	357.6	6.0	356.1	5.9	346.8	20.6	357.6	6.0
JT03LA Spot 157	648	95253	1.7	17.6290	0.8	0.5178	1.6	0.0662	1.4	0.86	413.4	5.6	423.7	5.6	479.9	18.6	413.4	5.6
JT03LA Spot 245	1224	73510	2.0	17.7419	1.1	0.5233	2.1	0.0674	1.8	0.84	420.3	7.2	427.4	7.4	465.8	25.4	420.3	7.2
JT03LA Spot 55	215	94988	1.5	18.0297	0.9	0.5173	1.4	0.0677	1.0	0.75	422.1	4.2	423.4	4.7	430.0	20.2	422.1	4.2
JT03LA Spot 200	1156	108401	1.6	17.1742	0.7	0.5439	1.7	0.0678	1.5	0.90	422.7	6.3	441.0	6.1	537.3	16.2	422.7	6.3
JT03LA Spot 181	335	105370	3.2	17.8725	1.1	0.5241	2.3	0.0680	2.1	0.89	423.9	8.5	427.9	8.2	449.5	24.2	423.9	8.5
JT03LA Spot 57	131	200520	4.0	17.9449	1.3	0.5230	2.1	0.0681	1.6	0.77	424.7	6.5	427.2	7.2	440.5	29.4	424.7	6.5
JT03LA Spot 133	256	32257	1.9	17.9129	1.0	0.5260	1.7	0.0684	1.4	0.80	426.3	5.7	429.1	6.0	444.5	22.9	426.3	5.7
JT03LA Spot 167	336	94749	4.0	18.0082	1.1	0.5255	2.5	0.0687	2.2	0.89	428.1	9.0	428.8	8.6	432.7	25.4	428.1	9.0
JT03LA Spot 144	194	23505	1.6	17.6502	1.3	0.5435	2.2	0.0696	1.8	0.82	433.7	7.6	440.7	7.9	477.2	27.6	433.7	7.6
JT03LA Spot 101	667	90863	1.2	17.5728	1.0	0.5474	2.3	0.0698	2.0	0.89	434.9	8.4	443.3	8.1	486.9	23.0	434.9	8.4
JT03LA Spot 26	229	93283	1.9	18.1595	0.7	0.5319	1.4	0.0701	1.2	0.86	436.7	5.1	433.1	4.9	414.0	15.8	436.7	5.1
JT03LA Spot 168	68	42384	2.2	17.4121	1.4	0.5557	2.0	0.0702	1.4	0.72	437.4	6.1	448.7	7.3	507.2	30.5	437.4	6.1
JT03LA Spot 291	245	23560	3.6	18.2068	1.1	0.5315	1.7	0.0702	1.3	0.77	437.5	5.6	432.8	6.1</				

JT03LA Spot 73	49	34623	2.7	17.0741	1.5	0.7324	2.2	0.0907	1.6	0.73	559.9	8.5	558.0	9.3	550.1	32.5	559.9	8.5
JT03LA Spot 191	229	467034	5.7	16.7765	0.9	0.7504	1.8	0.0913	1.5	0.87	563.5	8.3	568.5	7.7	588.4	18.9	563.5	8.3
JT03LA Spot 205	18	2477	3.0	19.3913	2.3	0.6539	2.8	0.0920	1.5	0.56	567.4	8.3	510.9	11.1	265.4	52.5	567.4	8.3
JT03LA Spot 190	341	76155	1.9	16.2928	1.1	0.8466	2.4	0.1001	2.1	0.88	614.9	12.2	622.8	11.0	651.5	23.9	614.9	12.2
JT03LA Spot 50	173	832506	31.0	15.9583	1.2	0.9975	1.8	0.1155	1.4	0.76	704.6	9.1	702.6	9.1	695.9	24.6	704.6	9.1
JT03LA Spot 233	198	35966	1.9	14.9892	0.8	1.2717	1.6	0.1383	1.3	0.85	835.1	10.4	833.1	8.9	828.0	17.3	835.1	10.4
JT03LA Spot 279	89	61926	2.5	14.2521	1.2	1.4553	2.2	0.1505	1.8	0.84	903.7	15.4	912.1	13.1	932.3	24.2	932.3	24.2
JT03LA Spot 292	178	182398	3.0	14.0518	1.0	1.5072	1.9	0.1537	1.6	0.84	921.5	13.5	933.3	11.4	961.3	20.5	961.3	20.5
JT03LA Spot 211	277	149618	27.5	13.4957	1.3	1.5015	1.7	0.1470	1.1	0.66	884.3	9.3	931.0	10.3	1043.3	25.4	1043.3	25.4
JT03LA Spot 204	403	298035	1.7	13.1886	0.7	1.9072	1.7	0.1825	1.6	0.91	1080.7	15.5	1083.6	11.3	1089.5	13.8	1089.5	13.8
JT03LA Spot 59	207	296189	3.3	12.1610	1.2	2.4933	1.7	0.2200	1.3	0.74	1281.9	14.7	1270.1	12.4	1250.1	22.7	1250.1	22.7
JT03LA Spot 15	89	150930	3.2	11.4629	0.8	2.7051	1.4	0.2250	1.1	0.80	1308.2	13.0	1329.9	10.2	1364.9	16.1	1364.9	16.1
JT03LA Spot 76	447	167927	2.3	11.3376	1.1	3.0164	2.1	0.2481	1.8	0.85	1428.9	23.3	1411.8	16.3	1386.0	21.5	1386.0	21.5
JT03LA Spot 277	746	1384268	2.2	9.6256	0.9	3.5841	1.8	0.2503	1.5	0.87	1440.1	19.9	1546.0	14.1	1693.9	15.9	1693.9	15.9
JT03LA Spot 155	227	212646	1.5	9.4604	1.0	4.5639	1.6	0.3133	1.3	0.81	1756.8	20.2	1742.7	13.6	1725.8	17.7	1725.8	17.7
JT03LA Spot 256	372	2972842	1.2	9.4028	0.9	4.4993	2.2	0.3070	2.0	0.91	1725.7	30.6	1730.8	18.4	1737.0	16.7	1737.0	16.7
JT03LA Spot 281	125	129637	2.2	9.3968	0.8	4.5887	1.5	0.3129	1.3	0.84	1754.8	19.9	1747.2	12.9	1738.1	15.5	1738.1	15.5
JT03LA Spot 310	119	167233	2.3	9.3244	0.8	4.4500	1.3	0.3011	1.0	0.75	1696.6	14.2	1721.7	10.6	1752.3	15.6	1752.3	15.6
JT03LA Spot 12	215	216349	3.5	8.7004	0.8	5.4403	1.3	0.3434	1.1	0.80	1903.2	17.6	1891.2	11.4	1878.1	14.2	1878.1	14.2
JT03LA Spot 276	40	16551	1.6	8.6248	1.0	5.6849	1.6	0.3558	1.2	0.76	1962.1	20.6	1929.1	13.8	1893.8	18.7	1893.8	18.7
JT03LA Spot 47	149	159713	2.8	8.6110	1.2	5.4661	1.9	0.3415	1.5	0.78	1894.0	23.8	1895.3	16.0	1896.7	21.2	1896.7	21.2
JT03LA Spot 13	261	357003	6.3	8.6006	0.8	5.5640	1.2	0.3472	0.9	0.73	1921.3	14.9	1910.6	10.5	1898.9	15.0	1898.9	15.0
JT03LA Spot 58	356	197928	4.8	8.2131	0.9	6.3794	1.7	0.3802	1.4	0.85	2077.1	25.7	2029.4	14.9	1981.3	15.9	1981.3	15.9
JT03LA Spot 111	184	2236295	1.7	8.1058	0.7	6.3898	1.3	0.3758	1.0	0.82	2056.7	18.5	2030.9	11.3	2004.7	13.1	2004.7	13.1
JT03LA Spot 214	89	440566	1.2	7.8475	1.0	6.6210	1.6	0.3770	1.2	0.76	2062.2	21.7	2062.1	14.2	2062.0	18.4	2062.0	18.4
JT03LA Spot 120	551	129848	1.3	5.9412	1.0	9.1782	1.9	0.3957	1.7	0.86	2149.0	30.4	2355.9	17.6	2540.2	16.2	2540.2	16.2
JT03LA Spot 311	50	97685	1.2	5.0350	0.9	14.3216	1.8	0.5232	1.5	0.86	2712.8	33.5	2771.2	16.6	2814.1	14.4	2814.1	14.4
JT03LA Spot 138	41	115068	2.0	4.8838	1.2	16.1490	1.7	0.5723	1.2	0.73	2917.1	29.1	2885.7	16.3	2863.8	19.0	2863.8	19.0

**CHISANA Spot River (modern river sand)**

CHISANA Spot 66	196	250	2.2	8.6705	86.4	0.0117	100.1	0.0007	50.4	0.50	4.7	2.4	11.8	11.7	1885.1	334.6	4.7	2.4
CHISANA Spot 48	201	334	1.7	3.0048	180.7	0.0367	191.8	0.0008	64.4	0.34	5.1	3.3	36.6	69.0	3630.0	967.4	5.1	3.3
CHISANA Spot 21	209	609	1.3	-4.0535	221.3	-0.0298	232.5	0.0009	71.4	0.31	5.7	4.0	-30.8	-72.8	NA	NA	5.7	4.0
CHISANA Spot 36	201	554	2.4	1.2696	377.7	0.0959	380.0	0.0009	42.3	0.11	5.7	2.4	93.0	350.9	NA	NA	5.7	2.4
CHISANA Spot 94	239	568	2.2	2.1201	434.4	0.0578	439.0	0.0009	63.3	0.14	5.7	3.6	57.0	248.2	4155.1	694.1	5.7	3.6
CHISANA Spot 39	223	951	2.2	2.4471	218.7	0.0536	221.5	0.0010	35.3	0.16	6.1	2.2	53.0	114.9	3941.2	1036.9	6.1	2.2
CHISANA Spot 75	168	342	2.2	2.1267	285.9	0.0636	289.6	0.0010	46.1	0.16	6.3	2.9	62.6	177.5	4150.4	991.7	6.3	2.9
CHISANA Spot 55	181	292	1.5	-0.1097	4437.5	-1.2456	4438.0	0.0010	64.7	0.01	6.4	4.1	#NUM!	#NUM!	NA	NA	6.4	4.1
CHISANA Spot 15	152	467	2.1	2.8209	146.9	0.0489	159.0	0.0010	60.8	0.38	6.4	3.9	48.5	75.4	3726.5	1135.4	6.4	3.9
CHISANA Spot 103	206	897	2.2	-1.0349	721.7	-0.1347	724.0	0.0010	56.9	0.08	6.5	3.7	-146.9	#NUM!	NA	NA	6.5	3.7
CHISANA Spot 99	231	477	2.1	-0.6184	1085.6	-0.2259	1086.5	0.0010	45.9	0.04	6.5	3.0	-260.0	#NUM!	NA	NA	6.5	3.0
CHISANA Spot 83	156	436	2.4	-1.0611	268.1	-0.1339	272.4	0.0010	48.5	0.18	6.6	3.2	-146.0	-456.0	NA	NA	6.6	3.2
CHISANA Spot 80	239	472	2.8	-0.9249	637.5	-0.1544	638.9	0.0010	42.1	0.07	6.7	2.8	-170.3	#NUM!	NA	NA	6.7	2.8
CHISANA Spot 06	128	385	3.1	-1.3534	206.2	-0.1058	219.7	0.0010	75.7	0.34	6.7	5.1	-113.5	-270.0	NA	NA	6.7	5.1
CHISANA Spot 77	826	1902	0.6	23.3378	74.6	0.0062	75.3	0.0011	9.8	0.13	6.8	0.7	6.3	4.7	-176.4	2185.4	6.8	0.7
CHISANA Spot 37	372	494	1.2	7.4431	132.8	0.0197	143.9	0.0011	55.3	0.38	6.8	3.8	19.8	28.2	2155.6	259.2	6.8	3.8
CHISANA Spot 20	183	399	1.3	-0.2255	1604.4	-0.6500	1605.8	0.0011	65.0	0.04	6.9	4.4	-1066.1	#NUM!	NA	NA	6.9	4.4
CHISANA Spot 12	201	460	2.6	-1.6033	493.5	-0.0916	495.1	0.0011	39.7	0.08	6.9	2.7	-97.6	-556.9	NA	NA	6.9	2.7
CHISANA Spot 26	148	345	0.6	-0.1074	3788.5	-1.3741	3788.7	0.0011	40.1	0.01	6.9	2.8	#NUM!	#NUM!	NA	NA	6.9	2.8
CHISANA Spot 27	163	343	2.6	-0.9408	548.5	-0.1595	550.4	0.0011	45.9	0.08	7.0	3.2	-176.4	#NUM!	NA	NA	7.0	3.2
CHISANA Spot 07	127	566	1.4	1.3141	200.1	0.1149	205.9	0.0011	48.5	0.24	7.1	3.4	110.5	218.9	NA	NA	7.1	3.4
CHISANA Spot 59	208	498	1.9	3.4441	145.2	0.0441	157.9	0.0011	62.1	0.39	7.1	4.4	43.8	67.8	3419.5	966.1	7.1	4.4
CHISANA Spot 16	1226	1773	0.6	25.8714	31.2	0.0059	32.5	0.0011	9.0	0.28	7.1	0.6	6.0	1.9	-440.2	837.2	7.1	0.6
CHISANA Spot 38	239	788	2.5	0.5728	1169.0	0.2691	1169.7	0.0011	41.4	0.04	7.2	3.0	242.0	#NUM!	NA	NA	7.2	3.0
CHISANA Spot 69	176	515	1.8	4.8307	198.2	0.0320	201.7	0.0011	37.5	0.19	7.2	2.7	32.0	63.6	2882.3	455.7	7.2	2.7
CHISANA Spot 89	135	331	2.5	4.0644	150.8	0.0385	156.6	0.0011	42.4	0.27	7.3	3.1	38.4	59.0	3159.5	794.3	7.3	3.1
CHISANA Spot 70	214	498	2.5	3.4000	326.5	0.0469	329.4	0.0012	43.7	0.13	7.4	3.3	46.5	150.9	3439.5	448.7	7.4	3.3
CHISANA Spot 58	179	341	2.1	-1.2238	876.5	-0.1315	877.6	0.0012	42.3	0.05	7.5	3.2	-143.2	#NUM!	NA	NA	7.5	3.2
CHISANA Spot 22	190	686	2.1	-3.8541	147.7	-0.0419	154.2	0.0012	44.2	0.29	7.6	3.3	-43.5	-68.6	NA	NA	7.6	3.3
CHISANA Spot 79	137	463	2.0	1.0910	495.2	0.1521	497.0	0.0012	42.7	0.09	7.8	3.3	143.8	798.4	NA	NA	7.8	3.3
CHISANA Spot 18	271	823	2.7	0.4017	4010.7	0.4221	4010.8	0.0012	29.0	0.01	7.9	2.3	357.6	#NUM!	NA	NA	7.9	2.3
CHISANA Spot 68	172	529	2.1	8.1620	102.8	0.0211	107.5	0.0012	31.2	0.29	8.0	2.5	21.2	22.5	1993.2	309.1	8.0	2.5
CHISANA Spot 67	213	512	1.9	-1.2843	555.2	-0.1347	556.9	0.0013	44.0	0.08	8.1	3.6	-146.9	#####	NA	NA	8.1	3.6
CHISANA Spot 63	214	552	1.8	4.4582	147.1	0.0422	152.8	0.0014	41.4	0.27	8.8	3.6	42.0	62.9	3011.8	720.9	8.8	3.6
CHISANA Spot 97	244	681	2.0	11.7144	137.9	0.0165	140.5	0.0014	26.9	0.19	9.1	2.4	16.7	23.2	1323.8	320.0	9.1	2.4
CHISANA Spot 03	384	1046	2.3	6.4760	201.8	0.0308	204.2	0.0014	31.2	0.15	9.3	2.9	30.8	61.9	2395.4	124.1	9.3	2.9
CHISANA Spot 33	207	544	2.1	43.2451	87.6	0.0091	89.2	0.0028	16.5	0.18	18.3	3.0	9.2	8.1	-2044.3	1358.9	18.3	3.0
CHISANA Spot 30	327	3591	2.4	22.2436	53.6	0.0198	55.4	0.0032	13.8	0.25	20.5	2.8	19.9	10.9	-58.0	1400.9	20.5	2.8
CHISANA Spot 82	240	3384	2.0	20.6427	87.2	0.0259	88.8	0.0039	16.8	0.19	24.9	4.2	25.9	22.7	120.9	2734.5	24.9	4.2
CHISANA Spot 05	383	12167	1.1	29.0022	37.1	0.0190	37.8	0.0040	7.1	0.19	25.7	1.8	19.1	7.2	-750.4	1072.8	25.7	1.8
CHISANA Spot 91	69	2497	2.8	23.6744	32.6	0.0987	34.0	0.0170	9.5	0.28	108.4	10.2	95.6	31.0	-212.2	837.7	108.4	10.2
CHISANA Spot 51	43	2035	2.7	22.0923	73.5	0.1085	74.5	0.0174	12.2	0.16	111.1	13.4	104.6	74.1	-41.4	2087.1	111.1	13.4
CHISANA Spot 88	104	5496	2.2	17.1538	33.8	0.1439	34.5	0.0179	6.7	0.20	114.4	7.6	136.5	44.0	540.9	759.3	114.4	7.6
CHISANA Spot 04	94	4041	2.1	21.7860	37.7	0.1136	38.4	0.0180	7.5	0.19	114.7	8.5	109.3	39.8	-7.6	939.6	114.7	8.5
CHISANA Spot 49	96	4020	3.0	21.4881	73.6	0.1155	73.8	0.0180	5.8	0.08	115.0	6.6	110.9	77.8	25.6	2069.3	115.0	6.6
CHISANA Spot 44	177	5606	2.5	23.4806	14.4	0.1059	14.6	0.0180	2.4	0.17	115.3	2.8	102.2	14.2	-191.6	362.7	115.3	2.8
CHISANA Spot 47	221	11650	2.3	20.6843	14.4	0.1203	14.6	0.0180	2.2	0.15	115.3	2.5	115.3	15.9	116.2	342.1	115.3	2.5
CHISANA Spot 14	61	2405	2.8	25.7199	42.8	0.0969	43.6	0.0181	8.7	0.20	115.5	9.9	93.9	39.2	-424.8	1166.6	115.5	9.9
CHISANA Spot 11	82	2786	2.0	20.9497	40.9	0.1191	41.6	0.0181	7.8	0.19	115.6	9.0	114.2	45.0	86.1	1007.0	115.6	9.0
CHISANA Spot 17	132	8889	3.2	22.9357	27.6	0.1088	28.5	0.0181	7.0	0.25	115.7	8.1	104.9	28.4	-133.2	693.3	115.7	8.1
CHISANA Spot 01	77	2804	2.7	13.6864	34.1	0.1827	35.9	0.0181	11.3	0.31	115.8	12.9	170.3	56.4	1015.7	711.9	115.8	12.9
CHISANA Spot 41	233	9666	1.9	21.2767	13.7	0.1178	13.8	0.0182	1.8	0.13	116.2	2.1	113.1	14.8	49.2	328.2	116.2	2.1



CHISANA Spot 87	253	22480	2.1	19.9012	14.7	0.1266	15.3	0.0183	4.3	0.28	116.8	5.0	121.1	17.5	206.5	341.8	116.8	5.0
CHISANA Spot 78	238	11173	2.2	20.3976	9.9	0.1236	10.2	0.0183	2.6	0.26	116.8	3.0	118.3	11.4	149.1	231.6	116.8	3.0
CHISANA Spot 72	138	5993	2.2	25.3818	26.8	0.0996	27.1	0.0183	4.2	0.15	117.1	4.8	96.4	25.0	-390.2	708.6	117.1	4.8
CHISANA Spot 46	241	11013	3.4	20.3649	11.4	0.1242	12.0	0.0184	3.5	0.29	117.2	4.1	118.9	13.4	152.8	268.6	117.2	4.1
CHISANA Spot 29	146	3954	2.1	26.2396	22.6	0.0967	23.0	0.0184	4.5	0.19	117.6	5.2	93.8	20.6	-477.5	604.6	117.6	5.2
CHISANA Spot 09	189	11163	1.8	23.4573	16.7	0.1083	16.9	0.0184	2.7	0.16	117.7	3.2	104.4	16.8	-189.1	420.2	117.7	3.2
CHISANA Spot 45	375	12583	2.8	21.4687	8.4	0.1185	8.6	0.0185	1.8	0.21	117.9	2.1	113.7	9.3	27.7	202.5	117.9	2.1
CHISANA Spot 56	143	13662	2.2	17.4377	17.7	0.1461	18.0	0.0185	2.9	0.16	118.0	3.4	138.5	23.3	504.9	392.9	118.0	3.4
CHISANA Spot 98	116	4485	2.1	22.3849	21.2	0.1138	21.6	0.0185	4.4	0.20	118.0	5.2	109.4	22.4	-73.4	522.3	118.0	5.2
CHISANA Spot 105	91	9398	2.9	31.0822	41.9	0.0820	42.3	0.0185	5.4	0.13	118.1	6.3	80.0	32.5	-949.1	1274.6	118.1	6.3
CHISANA Spot 61	58	3428	2.6	14.3848	28.9	0.1774	29.5	0.0185	6.2	0.21	118.2	7.2	165.9	45.2	914.2	605.9	118.2	7.2
CHISANA Spot 57	53	5522	2.5	22.5862	141.5	0.1132	142.0	0.0186	11.7	0.08	118.5	13.8	108.9	147.7	-95.4	1518.9	118.5	13.8
CHISANA Spot 96	90	2918	2.2	19.4980	26.5	0.1314	26.8	0.0186	3.9	0.15	118.7	4.6	125.3	31.6	253.8	618.8	118.7	4.6
CHISANA Spot 50	104	4963	2.2	19.4411	28.3	0.1317	28.7	0.0186	4.5	0.16	118.7	5.3	125.7	33.9	260.5	662.3	118.7	5.3
CHISANA Spot 73	76	9147	1.8	18.8866	76.3	0.1356	76.8	0.0186	9.0	0.12	118.7	10.6	129.1	93.4	326.5	2078.5	118.7	10.6
CHISANA Spot 32	87	2253	2.1	18.1468	51.1	0.1422	51.8	0.0187	8.7	0.17	119.5	10.3	135.0	65.6	416.5	1218.7	119.5	10.3
CHISANA Spot 28	80	3799	2.1	26.7051	41.0	0.0967	41.3	0.0187	4.7	0.11	119.6	5.5	93.7	36.9	-524.3	1136.8	119.6	5.5
CHISANA Spot 90	123	7417	2.6	20.1909	27.7	0.1280	28.2	0.0187	4.9	0.17	119.7	5.8	122.3	32.5	172.8	658.4	119.7	5.8
CHISANA Spot 53	106	4397	2.9	18.2908	21.2	0.1416	21.6	0.0188	4.5	0.21	120.0	5.3	134.5	27.2	398.8	478.8	120.0	5.3
CHISANA Spot 02	101	4851	2.7	21.1077	35.1	0.1228	35.2	0.0188	3.3	0.09	120.1	3.9	117.6	39.2	68.2	858.2	120.1	3.9
CHISANA Spot 81	110	5058	1.7	24.8228	51.3	0.1045	51.5	0.0188	4.5	0.09	120.2	5.4	100.9	49.5	-332.6	1400.8	120.2	5.4
CHISANA Spot 64	134	10847	2.2	20.3046	14.3	0.1281	14.5	0.0189	2.3	0.16	120.5	2.8	122.4	16.7	159.7	336.6	120.5	2.8
CHISANA Spot 95	120	13989	2.6	19.5441	33.5	0.1341	33.7	0.0190	3.9	0.12	121.3	4.7	127.7	40.5	248.3	790.7	121.3	4.7
CHISANA Spot 25	158	8601	3.4	20.7508	18.1	0.1264	18.3	0.0190	3.1	0.17	121.5	3.7	120.9	20.9	108.7	429.7	121.5	3.7
CHISANA Spot 34	60	5137	2.8	19.8154	32.1	0.1324	32.6	0.0190	5.7	0.18	121.5	6.9	126.3	38.7	216.5	761.0	121.5	6.9
CHISANA Spot 65	93	5400	3.3	21.6664	25.8	0.1215	26.2	0.0191	5.0	0.19	121.9	6.0	116.4	28.9	5.7	629.4	121.9	6.0
CHISANA Spot 84	154	9897	1.6	18.5068	13.0	0.1428	13.2	0.0192	2.5	0.19	122.4	3.0	135.6	16.8	372.5	293.7	122.4	3.0
CHISANA Spot 62	262	11883	2.4	20.9643	8.9	0.1261	9.4	0.0192	2.9	0.31	122.4	3.6	120.6	10.7	84.4	211.6	122.4	3.6
CHISANA Spot 93	68	6106	2.6	18.0660	34.8	0.1470	36.3	0.0193	10.4	0.29	123.0	12.7	139.3	47.3	426.5	798.9	123.0	12.7
CHISANA Spot 54	59	4438	2.2	17.8388	34.5	0.1562	37.8	0.0202	15.5	0.41	128.9	19.8	147.3	51.9	454.6	787.7	128.9	19.8
CHISANA Spot 104	93	6674	2.9	21.3217	40.1	0.1457	40.3	0.0225	4.6	0.11	143.6	6.5	138.1	52.1	44.1	993.5	143.6	6.5
CHISANA Spot 101	115	11468	3.6	21.9245	22.1	0.1417	22.5	0.0225	4.1	0.18	143.7	5.9	134.6	28.4	-22.9	541.0	143.7	5.9
CHISANA Spot 08	521	19526	3.9	20.2246	3.9	0.1574	4.0	0.0231	1.0	0.25	147.2	1.5	148.4	5.5	169.0	90.8	147.2	1.5
CHISANA Spot 10	218	8761	3.7	21.8557	5.6	0.1462	6.0	0.0232	2.1	0.36	147.7	3.1	138.5	7.7	-15.3	134.9	147.7	3.1
CHISANA Spot 40	1745	93610	4.0	20.2317	1.4	0.1599	1.6	0.0235	0.7	0.46	149.5	1.1	150.6	2.2	168.1	33.1	149.5	1.1
CHISANA Spot 102	872	110857	7.3	19.3132	2.6	0.2498	2.9	0.0350	1.4	0.47	221.7	3.0	226.4	5.9	275.6	58.4	172.9	5.1
CHISANA Spot 13	383	38929	4.3	19.0694	2.7	0.3500	2.8	0.0484	0.8	0.30	304.7	2.5	304.7	7.4	304.6	61.4	221.7	3.0
CHISANA Spot 85	1566	170098	6.3	18.9847	0.8	0.3725	1.9	0.0513	1.7	0.91	322.4	5.4	321.5	5.2	314.8	17.5	304.7	2.5

**Nenana Spot River (modern river sand)**

Nabesna-Spot 31	122	1061	2.6	24.9334	15.5	0.0046	16.7	0.0008	6.3	0.38	5.3	0.3	4.6	0.8	344.0	400.7	5.3	0.3
Nabesna-Spot 100	103	6920	3.3	22.1038	10.1	0.0161	11.3	0.0026	5.0	0.44	16.6	0.8	16.2	1.8	42.6	246.7	16.6	0.8
Nabesna-Spot 20	164	2078	2.8	23.1134	8.4	0.0175	9.0	0.0029	3.3	0.36	18.8	0.6	17.6	1.6	152.3	209.2	18.8	0.6
Nabesna-Spot 49	291	9849	2.0	20.3226	6.5	0.0222	6.9	0.0033	2.4	0.34	21.1	0.5	22.3	1.5	157.7	152.6	21.1	0.5
Nabesna-Spot 18	263	8454	2.5	22.0197	7.0	0.0218	7.4	0.0035	2.2	0.30	22.4	0.5	21.9	1.6	33.4	170.6	22.4	0.5
Nabesna-Spot 107	207	6242	2.0	20.9528	7.3	0.0234	7.8	0.0036	2.7	0.35	22.9	0.6	23.5	1.8	85.7	173.3	22.9	0.6
Nabesna-Spot 9	64	4323	2.8	29.9370	49.8	0.0469	20.3	0.0037	4.6	0.22	23.5	4.4	47.0	3.4	840.4	574.5	23.5	4.4
Nabesna-Spot 85	89	34219	2.7	18.8952	5.4	0.1303	5.7	0.0179	1.7	0.30	114.1	1.9	124.3	6.7	325.5	123.8	114.1	1.9
Nabesna-Spot 101	125	9121	2.8	20.1016	3.8	0.1232	4.2	0.0180	1.8	0.43	114.8	2.1	118.0	4.7	183.2	88.7	114.8	2.1
Nabesna-Spot 33	128	17015	2.1	19.5141	5.3	0.1276	5.5	0.0181	1.6	0.29	115.3	1.9	121.9	6.3	251.9	121.4	115.3	1.9
Nabesna-Spot 38	94	22829	1.9	19.8388	4.4	0.1256	4.6	0.0181	1.2	0.26	115.4	1.4	120.1	5.2	213.8	102.1	115.4	1.4
Nabesna-Spot 65	243	52273	1.4	19.9012	3.0	0.1254	3.2	0.0181	1.1	0.34	115.6	1.2	120.0	3.7	206.5	70.7	115.6	1.2
Nabesna-Spot 63	161	13162	2.6	20.8506	4.4	0.1198	4.6	0.0181	1.5	0.32	115.7	1.7	114.9	5.0	97.3	103.8	115.7	1.7
Nabesna-Spot 103	181	14706	2.4	20.5158	4.1	0.1218	4.3	0.0181	1.5	0.35	115.8	1.7	116.7	4.8	135.5	95.7	115.8	1.7
Nabesna-Spot 87	216	91804	2.2	19.7409	3.8	0.1268	4.0	0.0181	1.3	0.33	116.0	1.5	121.2	4.6	225.2	87.4	116.0	1.5
Nabesna-Spot 46	279	64003	1.4	19.9356	2.7	0.1255	2.9	0.0182	1.0	0.35	116.0	1.2	120.1	3.2	202.5	62.2	116.0	1.2
Nabesna-Spot 17	211	303553	1.6	19.0640	4.0	0.1313	4.1	0.0182	1.1	0.25	116.0	1.2	125.3	4.9	305.3	91.1	116.0	1.2
Nabesna-Spot 1	300	57388	2.3	20.2575	3.7	0.1236	4.1	0.0182	1.6	0.40	116.0	1.9	118.4	4.5	165.2	87.1	116.0	1.9
Nabesna-Spot 98	507	51439	1.8	20.5092	2.2	0.1221	2.6	0.0182	1.3	0.50	116.1	1.5	117.0	2.8	136.2	52.5	116.1	1.5
Nabesna-Spot 15	1323	236554	2.2	20.4125	1.3	0.1228	1.6	0.0182	1.0	0.60	116.1	1.1	117.6	1.8	147.4	30.2	116.1	1.1
Nabesna-Spot 11	63	14659	3.4	19.1732	6.6	0.1312	6.9	0.0182	2.1	0.30	116.5	2.4	125.1	8.2	292.3	151.0	116.5	2.4
Nabesna-Spot 12	142	140837	1.6	19.5098	4.4	0.1290	4.7	0.0183	1.5	0.32	116.6	1.8	123.2	5.4	252.4	102.2	116.6	1.8
Nabesna-Spot 8	123	14399	2.2	18.9091	5.1	0.1333	5.4	0.0183	1.8	0.33	116.8	2.0	127.0	6.4	323.9	115.2	116.8	2.0
Nabesna-Spot 86	119	56726	1.8	19.8566	3.6	0.1270	3.9	0.0183	1.6	0.40	116.9	1.8	121.4	4.5	211.7	83.4	116.9	1.8
Nabesna-Spot 64	102	39186	3.2	20.4422	5.4	0.1234	5.6	0.0183	1.3	0.24	116.9	1.5	118.2	6.2	143.9	127.6	116.9	1.5
Nabesna-Spot 13	118	18029	3.1	19.9436	3.7	0.1266	4.0	0.0183	1.5	0.38	116.9	1.7	121.0	4.6	201.6	86.6	116.9	1.7
Nabesna-Spot 106	113	45316	1.9	19.8659	4.5	0.1271	4.9	0.0183	1.9	0.38	116.9	2.2	121.5	5.6	210.6	105.0	116.9	2.2
Nabesna-Spot 76	145	44883	1.9	20.3622	3.7	0.1241	4.0	0.0183	1.5	0.37	117.0	1.7	118.7	4.4	153.1	86.4	117.0	1.7
Nabesna-Spot 93	91	17767	3.0	19.8065	5.1	0.1275	5.3	0.0183	1.5	0.29	117.0	1.8	121.9	6.1	217.6	117.2	117.0	1.8
Nabesna-Spot 60	488	270517	4.4	20.0423	2.2	0.1262	2.4	0.0183	1.0	0.40	117.2	1.1	120.7	2.8	190.1	51.9	117.2	1.1
Nabesna-Spot 24	416	119062	4.0	19.9857	2.2	0.1266	2.4	0.0184	1.1	0.43	117.2	1.2	121.1	2.8	196.7	51.3	117.2	1.2
Nabesna-Spot 69	709	64007	2.6	20.6293	1.5	0.1227	1.9	0.0184	1.2	0.63	117.3	1.4	117.5	2.2	122.5	35.5	117.3	1.4
Nabesna-Spot 57	169	27806	2.9	19.4005	4.7	0.1306	5.0	0.0184	1.5	0.31	117.4	1.8	124.7	5.8	265.3	108.9	117.4	1.8
Nabesna-Spot 37	150	35210	1.6	20.0929	3.8	0.1261	4.1	0.0184	1.6	0.38	117.4	1.8	120.6	4.7	184.2	89.1	117.4	1.8
Nabesna-Spot 41	296	64576	3.9	20.5882	2.8	0.1231	3.0	0.0184	1.2	0.40	117.4	1.4	117.9	3.4	127.2	65.2	117.4	1.4
Nabesna-Spot 50	185	50913	2.1	19.7073	4.1	0.1287	4.3	0.0184	1.4	0.32	117.5	1.6	122.9	5.0	229.1	93.7	117.5	1.6
Nabesna-Spot 108	95	12568	2.5	17.5785	7.4	0.1443	7.6	0.0184	2.0	0.26	117.5	2.3	136.9	9.8	487.2	163.3	117.5	2.3
Nabesna-Spot 66	233	69888	2.5	20.5814	2.5	0.1233	2.7	0.0184	1.2	0.42	117.6	1.3	118.0	3.1	128.0	58.5	117.6	1.3
Nabesna-Spot 102	107	17672	2.1	20.0653	4.9	0.1265	5.2	0.0184	2.0	0.37	117.6	2.3	120.9	6.0	187.4	113.5	117.6	2.3
Nabesna-Spot 32	162	56142	1.8	20.9988	4.0	0.1209	4.1	0.0184	1.1	0.26	117.6	1.2	115.9	4.5	80.5	94.8	117.6	1.2
Nabesna-Spot 105	99	6895	2.3	20.7308	5.8	0.1226	6.2	0.0184	2.0	0.33	117.7	2.4	117.4	6.9	110.9	137.9	117.7	2.4
Nabesna-Spot 109	124	24349	3.5	16.3298	5.6	0.1556	5.9	0.0184	1.8	0.31	117.7	2.1	146.9	8.0	647.6	120.3	117.7	2.1

Nabesna-Spot 14	103	50099	1.8	20.8396	4.6	0.1221	4.8	0.0185	1.4	0.29	117.9	1.6	117.0	5.3	98.5	109.7	117.9	1.6
Nabesna-Spot 39	129	20972	2.0	18.9430	4.1	0.1343	4.5	0.0185	1.7	0.39	117.9	2.0	128.0	5.4	319.8	93.3	117.9	2.0
Nabesna-Spot 62	109	25374	3.0	20.7395	4.3	0.1227	4.6	0.0185	1.6	0.35	117.9	1.9	117.5	5.1	109.9	101.7	117.9	1.9
Nabesna-Spot 21	518	405771	3.0	19.7022	2.3	0.1293	2.6	0.0185	1.2	0.48	118.0	1.4	123.4	3.0	229.7	52.4	118.0	1.4
Nabesna-Spot 84	143	14782	1.7	20.6177	3.6	0.1235	3.8	0.0185	1.4	0.35	118.0	1.6	118.3	4.3	123.8	84.2	118.0	1.6
Nabesna-Spot 83	78	7411	2.1	21.5405	5.7	0.1182	6.0	0.0185	1.9	0.31	118.0	2.2	113.5	6.5	19.7	138.1	118.0	2.2
Nabesna-Spot 77	88	52698	2.5	19.7870	6.2	0.1287	6.4	0.0185	1.7	0.26	118.0	2.0	123.0	7.4	219.8	143.4	118.0	2.0
Nabesna-Spot 16	315	54997	2.2	20.1296	3.3	0.1266	3.5	0.0185	1.1	0.33	118.0	1.3	121.0	4.0	179.9	77.5	118.0	1.3
Nabesna-Spot 89	83	16688	2.1	19.7212	6.1	0.1294	6.5	0.0185	2.1	0.33	118.2	2.5	123.5	7.6	227.5	141.9	118.2	2.5
Nabesna-Spot 42	227	196271	3.1	20.3667	3.6	0.1253	4.0	0.0185	1.7	0.42	118.2	1.9	119.9	4.5	152.6	84.7	118.2	1.9
Nabesna-Spot 67	84	34871	1.9	19.0623	6.3	0.1339	6.6	0.0185	1.9	0.29	118.2	2.2	127.6	7.9	305.5	144.4	118.2	2.2
Nabesna-Spot 22	106	9599	2.1	19.7700	5.2	0.1292	5.6	0.0185	2.1	0.37	118.3	2.4	123.4	6.5	221.8	120.0	118.3	2.4
Nabesna-Spot 81	98	26204	2.7	20.6692	5.2	0.1236	5.5	0.0185	1.8	0.32	118.4	2.1	118.3	6.2	118.0	123.1	118.4	2.1
Nabesna-Spot 75	212	44857	2.9	20.3183	3.4	0.1258	3.7	0.0185	1.5	0.42	118.4	1.8	120.3	4.2	158.2	78.6	118.4	1.8
Nabesna-Spot 59	119	45644	2.4	20.6218	4.2	0.1240	4.5	0.0185	1.6	0.36	118.5	1.9	118.7	5.0	123.3	97.9	118.5	1.9
Nabesna-Spot 55	82	60756	1.9	19.5318	4.6	0.1310	5.0	0.0186	1.9	0.37	118.5	2.2	125.0	5.9	249.8	106.8	118.5	2.2
Nabesna-Spot 70	75	12886	2.2	20.5834	5.6	0.1243	5.9	0.0186	2.0	0.34	118.5	2.4	119.0	6.6	127.8	131.1	118.5	2.4
Nabesna-Spot 44	214	15206	2.5	21.0572	3.2	0.1217	3.4	0.0186	1.2	0.34	118.7	1.4	116.6	3.8	73.9	76.5	118.7	1.4
Nabesna-Spot 91	89	8735	3.5	20.9513	5.1	0.1223	5.5	0.0186	2.2	0.40	118.7	2.6	117.2	6.1	85.9	119.9	118.7	2.6
Nabesna-Spot 7	260	48339	1.7	20.3516	3.6	0.1260	3.9	0.0186	1.3	0.33	118.8	1.5	120.5	4.4	154.3	85.3	118.8	1.5
Nabesna-Spot 25	169	453870	1.8	19.6156	3.4	0.1309	3.7	0.0186	1.6	0.43	118.9	1.9	124.9	4.4	239.9	77.4	118.9	1.9
Nabesna-Spot 26	136	142068	1.8	19.8907	4.8	0.1291	4.9	0.0186	1.3	0.27	119.0	1.6	123.3	5.7	207.7	110.5	119.0	1.6
Nabesna-Spot 40	78	467023	2.6	21.1013	5.2	0.1217	5.5	0.0186	1.6	0.30	119.0	1.9	116.6	6.1	68.9	124.8	119.0	1.9
Nabesna-Spot 6	97	48714	1.8	19.2190	4.8	0.1337	5.0	0.0186	1.6	0.31	119.0	1.9	127.4	6.0	286.8	109.6	119.0	1.9
Nabesna-Spot 51	90	61596	1.9	19.7704	4.2	0.1300	4.5	0.0186	1.6	0.35	119.0	1.9	124.1	5.3	221.8	98.1	119.0	1.9
Nabesna-Spot 29	177	392457	3.5	20.0745	3.2	0.1280	3.5	0.0186	1.4	0.40	119.0	1.6	122.3	4.0	186.3	74.9	119.0	1.6
Nabesna-Spot 47	141	127403	2.3	20.1952	3.5	0.1273	3.8	0.0186	1.6	0.40	119.1	1.8	121.7	4.4	172.3	81.9	119.1	1.8
Nabesna-Spot 99	211	108095	1.6	19.7640	3.3	0.1302	3.5	0.0187	1.1	0.33	119.2	1.3	124.3	4.1	222.5	76.4	119.2	1.3
Nabesna-Spot 36	236	111250	2.6	20.3521	3.1	0.1265	3.3	0.0187	1.0	0.31	119.2	1.2	120.9	3.8	154.3	73.7	119.2	1.2
Nabesna-Spot 48	108	23099	2.3	21.0687	4.3	0.1222	4.7	0.0187	1.9	0.41	119.3	2.2	117.1	5.2	72.6	101.3	119.3	2.2
Nabesna-Spot 3	72	8303	2.3	19.8854	5.0	0.1295	5.2	0.0187	1.4	0.27	119.3	1.6	123.6	6.0	208.4	116.1	119.3	1.6
Nabesna-Spot 94	89	77481	2.1	19.8085	4.9	0.1301	5.3	0.0187	2.0	0.39	119.3	2.4	124.2	6.2	217.3	113.3	119.3	2.4
Nabesna-Spot 82	156	36858	1.9	21.0013	4.3	0.1227	4.4	0.0187	0.9	0.20	119.4	1.0	117.6	4.8	80.2	101.4	119.4	1.0
Nabesna-Spot 79	129	33235	1.8	21.0102	4.6	0.1227	4.8	0.0187	1.6	0.33	119.4	1.9	117.5	5.4	79.2	108.4	119.4	1.9
Nabesna-Spot 92	274	70744	1.7	20.5461	2.8	0.1258	3.2	0.0187	1.4	0.45	119.7	1.7	120.3	3.6	132.0	66.5	119.7	1.7
Nabesna-Spot 4	70	18278	3.1	19.8495	6.5	0.1303	6.8	0.0188	1.9	0.28	119.8	2.3	124.3	7.9	212.5	150.2	119.8	2.3
Nabesna-Spot 23	108	22195	2.8	20.6530	4.2	0.1253	4.5	0.0188	1.7	0.37	119.9	2.0	119.9	5.1	119.8	99.1	119.9	2.0
Nabesna-Spot 35	49	29647	2.2	20.7339	6.5	0.1249	6.8	0.0188	1.9	0.29	119.9	2.3	119.5	7.7	110.6	154.3	119.9	2.3
Nabesna-Spot 53	80	160264	1.8	19.7715	6.3	0.1310	6.6	0.0188	2.0	0.30	120.0	2.4	125.0	7.8	221.6	146.7	120.0	2.4
Nabesna-Spot 110	61	76049	2.7	21.6639	5.9	0.1196	6.0	0.0188	1.2	0.20	120.0	1.4	114.7	6.5	5.9	141.4	120.0	1.4
Nabesna-Spot 95	168	21079	1.9	20.6081	3.2	0.1258	3.5	0.0188	1.5	0.43	120.1	1.8	120.3	4.0	124.9	74.6	120.1	1.8
Nabesna-Spot 61	95	17459	2.9	21.7304	5.0	0.1193	5.2	0.0188	1.4	0.27	120.1	1.7	114.4	5.6	1.4	121.2	120.1	1.7
Nabesna-Spot 19	70	39378	2.8	20.6061	5.2	0.1259	5.4	0.0188	1.4	0.27	120.1	1.7	120.4	6.1	125.1	122.8	120.1	1.7
Nabesna-Spot 43	129	21209	3.0	20.0222	4.6	0.1296	4.8	0.0188	1.5	0.31	120.2	1.8	123.8	5.6	192.4	106.2	120.2	1.8
Nabesna-Spot 74	86	22990	2.0	20.5483	5.2	0.1264	5.5	0.0188	1.8	0.33	120.3	2.2	120.8	6.3	131.7	121.8	120.3	2.2
Nabesna-Spot 96	70	33959	2.6	19.6545	5.8	0.1321	6.3	0.0188	2.4	0.38	120.3	2.8	126.0	7.5	235.4	134.9	120.3	2.8
Nabesna-Spot 45	108	30812	2.5	19.8423	3.4	0.1309	3.8	0.0188	1.5	0.41	120.3	1.8	124.9	4.4	213.4	79.7	120.3	1.8
Nabesna-Spot 27	60	21485	2.7	20.1810	5.8	0.1290	6.2	0.0189	2.0	0.33	120.6	2.4	123.2	7.2	174.0	136.0	120.6	2.4
Nabesna-Spot 72	69	12559	2.8	20.1595	6.3	0.1295	6.5	0.0189	1.4	0.22	120.9	1.7	123.6	7.6	176.5	147.7	120.9	1.7
Nabesna-Spot 68	89	16337	2.6	20.6750	4.0	0.1262	4.3	0.0189	1.8	0.41	120.9	2.1	120.7	4.9	117.3	93.5	120.9	2.1
Nabesna-Spot 97	125	83254	1.7	20.6517	4.3	0.1264	4.7	0.0189	1.9	0.40	120.9	2.3	120.9	5.4	119.9	101.6	120.9	2.3
Nabesna-Spot 104	59	15610	2.4	19.6185	7.4	0.1331	7.8	0.0189	2.3	0.29	120.9	2.7	126.9	9.2	239.6	171.2	120.9	2.7
Nabesna-Spot 73	124	16219	2.6	21.2922	4.4	0.1229	4.8	0.0190	1.9	0.39	121.2	2.2	117.7	5.3	47.5	104.7	121.2	2.2
Nabesna-Spot 5	68	4707	2.8	22.2282	5.4	0.1178	5.8	0.0190	2.0	0.34	121.3	2.4	113.1	6.2	56.3	132.0	121.3	2.4
Nabesna-Spot 58	97	15318	2.2	20.4983	5.6	0.1282	5.9	0.0191	1.7	0.29	121.7	2.0	122.5	6.8	137.5	132.7	121.7	2.0
Nabesna-Spot 80	98	11107	2.3	21.5385	5.4	0.1221	5.8	0.0191	2.0	0.34	121.8	2.4	117.0	6.4	19.9	130.1	121.8	2.4
Nabesna-Spot 56	23	41623	3.1	22.7104	7.9	0.1159	8.4	0.0191	2.8	0.34	121.9	3.4	111.4	8.9	108.8	195.5	121.9	3.4
Nabesna-Spot 28	39	8608	3.3	20.7611	6.2	0.1269	6.6	0.0191	2.2	0.33	122.1	2.6	121.4	7.5	107.5	146.4	122.1	2.6
Nabesna-Spot 10	79	23597	2.3	21.1642	5.4	0.1253	5.6	0.0192	1.5	0.26	122.8	1.8	119.9	6.3	61.9	128.2	122.8	1.8
Nabesna-Spot 52	77	40826	2.4	19.8320	6.0	0.1341	6.3	0.0193	1.7	0.27	123.2	2.1	127.8	7.5	214.6	140.0	123.2	2.1
Nabesna-Spot 54	69	23875	2.5	15.5511	5.6	0.1713	6.0	0.0193	2.3	0.38	123.3	2.8	160.5	9.0	751.6	118.2	123.3	2.8
Nabesna-Spot 30	120	25284	4.2	20.3750	3.4	0.1348	3.6	0.0199	1.2	0.34	127.2	1.5	128.4	4.3	151.7	78.7	127.2	1.5
Nabesna-Spot 2	407	9884	2.0	8.6824	48.0	0.3485	48.4	0.0204	4.8	0.40	428.0	2.3	280.8	44.5	4882.6	327.5	428.0	2.3
Nabesna-Spot 34	618	64663	1.8	20.0822	2.1	0.1552	2.4	0.0226	1.2	0.49	144.1	1.7	146.5	3.3	185.4	48.5	144.1	1.7
Nabesna-Spot 90	90	54856	1.6	18.9687	3.7	0.3403	4.0	0.0468	1.6	0.38	295.0	4.5	297.4	10.4	316.7	85.0	172.9	5.1
Nabesna-Spot 71	915	120731	2.0	18.8385	1.3	0.3431	1.6	0.0469	1.0	0.60	295.3	2.8	299.5	4.1	332.3	28.9	295.0	4.5
Nabesna-Spot 88	231	135630	2.6	13.0846	1.0	1.9678	1.4	0.1867	1.1	0.75	1103.7	10.9	1104.6	9.7	1106.2	19.1	295.3	2.8