



GEO-ing d.o.o.

za geodeziju, projektiranje i zastupanje
Ogulin, B. Frankopana 4

MB 1732536, žiro rač. 2402006-1100402093

E-mail : geo.ing.og@gmail.com

mobilni tel / 098 861-536

tel / 047-801 536

fax./047-801 538

Naručitelj:

HOC BJELOLASICA d.o.o. u stečaju

Vrelo bb, Jasenak,

OIB: 50919159681.

GEODETSKI SNIMAK

**Geodetski snimak trase postojećeg vodovoda
prema pokazivanju stanovnika naselja Vrelo
K.O. Jasenak**

Izradio:

GEO – ing d.o.o

Ogulin

Ovlašteni inženjer

Dragan Furić, dipl.ing. geod.

listopad, 2022 god.

SADRŽAJ

- 1) TEHNIČKO IZVJEŠĆE
- 2) GEODETSKI SNIMAK TRASE POSTOJEĆEG VODOVODA
PREMA POKAZIVANJU STANOVNIKA NASELJA VRELO U
MJERILU 1:500
- 3) POPIS KOORDINATA TRASE VODOVA

TEHNIČKI IZVJEŠTAJ

Na zahtjev naručitelja HOC BJELOLASICA d.o.o. u stečaju Vrelo bb, Jasenak,
OIB: 50919159681 izvršili smo geodetsko snimanje vodocrpilišta Vrelo i dijela
vodovodne mreže naselja Vrelo prema pokazivanju stanovnika naselja u K.O. Jasenak.
Na tako snimljeni detalj preklopljen je važeći katastarski plan.

Snimanje smo izvršili dvofrekventnim TOPCON-ovim GPS uređajem. Kao sustav za
pozicioniranje korišten je CROPOS s kojim je uspostavljena veza putem mobilnog interneta.
Od usluga koje CROPOS pruža koristili smo VPPS (visoko precizni servis
pozicioniranja).

Snimanje na terenu vodio je diplomirani inženjer geodezije Dragan Furić.

Obrada podataka i geodetska računanja obavljena su uz pomoć programskog paketa
TOPCON, a crtanje u programu CAD software (programa) Autodesk Civil 3D 2008 SLM i
Geo Suite 6.00.74 SL.

U Ogulinu 04.10.2022. god.

Izvještaj sastavio:

Dragan Furić dipl.ing.geod.

POPIS KOORDINATA SNIMLJENIH TOČKA

Br. točke	E	N	h
159	382881.92	5013991.49	632.63
160	382887.87	5013988.13	632.63
161	382892.23	5013988.34	632.43
162	382892.23	5013986.95	632.46
163	382892.10	5013985.66	632.46
164	382912.37	5013982.80	631.86
165	382912.70	5013984.00	631.83
166	382912.92	5013985.26	631.76
167	382928.29	5013983.64	631.79
168	382928.42	5013982.36	631.86
169	382928.36	5013980.96	631.90
170	382942.71	5013979.78	631.63
171	382943.27	5013981.00	631.60
172	382943.68	5013982.17	631.62
173	382949.24	5013980.93	631.24
174	382949.12	5013979.74	631.22
175	382948.87	5013978.41	631.23
176	382955.85	5013976.23	630.82
177	382956.53	5013977.52	630.86
178	382957.09	5013978.75	630.82
179	382971.64	5013973.40	630.44
180	382971.53	5013972.41	630.46
181	382971.24	5013971.11	630.41
182	382983.54	5013968.08	630.27
183	382984.02	5013969.20	630.27
184	382984.31	5013970.49	630.27
185	382991.86	5013969.16	630.17
186	382991.88	5013967.99	630.20
187	382991.84	5013966.58	630.20
188	382997.64	5013966.45	630.14
189	382997.62	5013967.84	630.09
190	383000.01	5013969.05	630.00
191	383002.73	5013970.11	629.95
192	383003.37	5013968.87	630.02
193	383003.89	5013967.56	630.03
194	383012.02	5013970.23	629.99
195	383011.62	5013971.57	629.94
196	383011.32	5013972.82	629.90
197	383014.77	5013975.20	630.06
198	383017.27	5013975.20	629.84
199	383018.05	5013974.07	629.87
200	383018.69	5013972.91	629.90
201	383026.89	5013976.57	629.80
202	383026.29	5013977.95	629.78
203	383026.04	5013979.13	629.73
204	383032.87	5013982.62	629.59
205	383033.65	5013981.54	629.67
206	383034.10	5013980.28	629.70

207	383032.08	5013983.25	629.75
208	383040.33	5013984.21	629.53
209	383039.61	5013985.26	629.51
210	383039.08	5013986.50	629.48
211	383041.63	5013989.13	629.64
212	383051.14	5013996.44	629.55
213	383051.43	5013995.66	629.31
214	383052.13	5013994.76	629.36
215	383053.01	5013993.74	629.41
216	383063.32	5014002.35	629.27
217	383062.70	5014003.48	629.22
218	383061.80	5014004.67	629.21
219	383070.45	5014012.51	629.11
220	383071.27	5014011.65	629.15
221	383072.15	5014010.70	629.18
222	383077.08	5014015.66	629.22
223	383076.22	5014016.61	629.21
224	383075.45	5014017.67	629.20
225	383082.82	5014023.38	629.26
226	383083.42	5014022.25	629.29
227	383084.05	5014021.16	629.29
228	383090.23	5014026.51	629.43
229	383089.64	5014027.56	629.41
230	383090.94	5014025.46	629.43
231	383100.04	5014031.09	629.93
232	383099.27	5014032.19	629.92
233	383098.69	5014033.39	629.86
234	383107.55	5014038.68	630.71
235	383109.01	5014036.38	630.76
236	383113.58	5014038.48	631.08
237	383112.60	5014041.23	630.98
238	383112.66	5014039.72	631.03
239	383119.66	5014044.42	630.87
240	383120.40	5014043.02	630.88
241	383121.01	5014041.72	630.86
242	383119.37	5014045.48	630.79
243	383118.33	5014048.07	630.30
244	383129.50	5014045.15	630.39
245	383128.47	5014048.33	630.37
246	383129.28	5014048.65	630.31
247	383131.66	5014049.51	630.21
248	383135.62	5014050.67	630.07
249	383136.30	5014049.28	630.06
250	383136.80	5014047.67	630.04
251	383139.20	5014051.86	629.92
252	383144.24	5014049.56	629.70
253	383145.42	5014049.10	629.80
254	383150.04	5014049.94	629.42
255	383149.96	5014051.50	629.43
256	383157.15	5014052.61	629.06

257	383157.07	5014051.26	629.07
258	383157.08	5014049.84	629.06
259	383156.41	5014050.33	629.09
260	383156.43	5014051.60	629.11
261	383154.88	5014051.60	629.19
262	383154.93	5014050.30	629.19
263	383155.71	5014050.82	629.12
264	383164.65	5014052.28	628.49
265	383164.59	5014050.83	628.51
266	383164.57	5014049.55	628.52
267	383169.20	5014049.28	628.31
268	383170.09	5014048.11	628.38
269	383171.06	5014046.50	628.40
270	383184.40	5014052.30	627.58
271	383188.66	5014049.07	627.51
272	383180.71	5014055.80	627.62
273	383171.55	5014053.08	627.99
274	383168.39	5014053.13	628.06
275	383168.42	5014052.47	628.15
276	383163.30	5014053.57	628.74
277	383165.87	5014053.85	628.53
278	383156.65	5014053.94	629.31
279	383154.89	5014054.08	629.32
280	383148.73	5014054.78	629.86
281	383142.22	5014055.40	629.64
282	383150.30	5014038.77	633.43
283	383151.77	5014045.94	630.95
284	383160.37	5014046.11	629.30
285	383164.29	5014046.14	629.53
286	383166.88	5014052.51	628.83
287	383167.30	5014053.92	628.72
288	383139.23	5014042.91	632.26
289	383122.45	5014038.07	632.97
290	383130.77	5014019.95	636.67
291	383143.26	5014018.34	639.42
292	383130.21	5014016.01	637.83
293	383122.40	5014045.69	632.50
294	383243.18	5013687.06	688.08
295	383242.95	5013684.08	688.63
296	383244.84	5013682.00	688.87
297	383247.55	5013681.83	688.83
298	383246.33	5013690.15	686.93
299	383252.85	5013679.09	688.46
300	383244.33	5013674.03	690.63
301	383242.82	5013677.06	688.50
302	383240.54	5013681.63	688.61
303	383239.22	5013683.67	687.98
304	383243.43	5013689.06	687.86
305	383246.05	5013687.99	687.89
306	383115.73	5014029.36	631.85

307	383117.97	5014030.88	631.78
308	383113.59	5014033.41	631.42
309	383116.29	5014035.05	631.35
310	383111.97	5014037.66	630.99
311	383116.40	5014037.32	631.15
312	383117.63	5014040.26	630.97
313	383180.40	5014055.76	627.64
314	383163.76	5014064.67	627.31
315	383151.79	5014064.16	627.46
316	383158.21	5014071.45	626.57
317	383146.70	5014086.43	625.25
318	383138.38	5014089.37	624.41
319	383122.60	5014092.40	626.60
320	383112.44	5014094.29	627.20
321	383191.42	5014047.42	627.50
322	383190.74	5014042.76	627.66
323	383206.14	5014039.71	627.18
324	383222.73	5014050.10	624.84
325	383223.91	5014036.30	626.16
326	383226.97	5014031.30	626.26
327	383250.39	5014044.03	624.45
328	383288.91	5014022.46	623.41
329	383311.05	5014005.58	622.27
330	383362.21	5013974.50	620.10
331	383376.50	5013967.88	619.61
332	383398.46	5013959.26	619.28
333	383403.94	5013957.68	619.23
334	383413.10	5013954.00	619.10
335	383403.58	5013971.49	619.51
336	383401.53	5013972.89	619.85
337	383431.18	5013981.77	618.76
338	383432.23	5013986.03	618.78
339	383433.82	5013990.69	618.91
340	383469.10	5014029.49	618.95
341	383469.64	5014032.53	619.00
342	383480.66	5014043.08	619.07
343	383466.05	5014049.71	619.37
344	383459.33	5014043.57	618.98
345	383423.03	5013947.06	618.77
346	383424.66	5013949.26	618.93
347	383436.52	5013936.76	618.40
348	383451.14	5013924.95	618.15
349	383462.60	5013937.90	618.77
350	383471.25	5013947.48	618.46
351	383463.26	5013914.77	617.83
352	383464.64	5013916.11	617.93
353	383472.19	5013906.76	617.67
354	383468.02	5013900.73	617.32
355	383464.79	5013889.59	620.28
356	383451.92	5013892.20	620.10

357	383492.05	5013891.03	616.90
358	383494.60	5013895.55	617.81
359	383491.52	5013890.27	617.17
360	383515.24	5013870.12	616.85
361	383506.26	5013860.85	617.22
362	383511.12	5013865.72	616.89
363	383525.86	5013852.57	616.82
364	383523.67	5013850.14	617.13
365	383530.34	5013856.84	616.79
366	383545.60	5013843.26	616.56
367	383559.25	5013830.45	616.32
368	383574.14	5013817.24	616.20
369	383579.86	5013823.56	617.81
370	383595.43	5013798.44	615.76
371	383596.34	5013799.64	615.77
372	383602.92	5013792.44	615.66
373	383605.37	5013791.19	615.56
374	383617.20	5013806.46	622.43
375	383589.21	5013777.14	616.04
376	383587.77	5013778.20	615.97
377	383616.78	5013781.93	615.37
378	383619.40	5013785.16	615.27
379	383625.32	5013777.13	616.04
380	383641.01	5013765.88	614.99
381	383644.01	5013754.03	614.94
382	383649.19	5013760.33	614.82
383	383649.39	5013760.78	614.85
384	383654.60	5013765.61	615.15
385	383658.10	5013753.57	614.80
386	383665.90	5013748.68	614.59
387	383681.57	5013739.77	614.29
388	383695.83	5013729.37	614.24
389	383723.11	5013703.95	613.65
390	383757.48	5013666.59	613.49
391	383754.33	5013661.85	613.12
392	383750.66	5013657.95	613.08
393	383700.17	5013567.54	612.93
394	383699.71	5013567.59	613.02
395	383775.17	5013684.17	613.47
396	383793.10	5013701.90	613.81
397	383797.19	5013706.62	613.57
398	383797.82	5013706.03	613.47
399	383797.44	5013720.45	614.73
400	383847.08	5013751.55	613.53
401	383863.01	5013788.68	613.82
402	383823.67	5013785.42	614.07
403	383820.92	5013827.36	614.01
404	383859.93	5013832.64	614.09
405	383860.63	5013844.55	614.25
406	383855.72	5013890.59	614.32

407	383843.10	5013889.65	614.48
408	383853.90	5013921.20	614.66
409	383849.60	5013961.55	614.74
410	383814.93	5013956.91	615.04
411	383848.42	5013990.36	614.70
412	383805.71	5013988.02	615.21
413	383755.14	5013980.72	615.50
414	383739.27	5013978.23	615.34
415	383691.47	5013956.75	615.93
416	383674.29	5013950.76	616.75
417	383663.00	5013935.98	615.40
418	383664.23	5013934.72	616.25
419	383662.66	5013935.97	616.04
420	383659.09	5013939.09	616.05
421	383649.72	5013924.87	615.99
422	383653.96	5013921.21	616.14
423	383650.64	5013924.15	616.14
424	383754.54	5013970.78	615.30
425	383773.75	5013973.54	616.33
426	383758.76	5013925.62	615.26
427	383778.13	5013928.30	615.58
428	383758.76	5013913.68	614.96
429	383762.18	5013842.03	614.77
430	383779.80	5013845.07	614.78
431	383762.06	5013813.08	614.51
432	383763.65	5013798.94	614.39
433	383782.90	5013801.83	614.19
434	383768.24	5013753.82	614.21
435	383785.93	5013759.15	614.01
436	383771.88	5013740.76	613.68
437	383779.05	5013722.16	614.36
438	383384.60	5013909.58	619.11
439	383377.75	5013888.23	617.70
440	383366.84	5013861.35	618.50
441	383360.22	5013814.28	618.59
442	383545.32	5013844.20	616.95
443	383560.10	5013830.61	616.72
444	383559.41	5013829.42	616.63
445	383556.67	5013826.96	616.57
446	383542.79	5013842.40	616.80
447	383540.89	5013837.38	616.85
448	383538.19	5013840.55	616.84
449	383529.42	5013851.22	616.91
450	383528.02	5013849.63	617.13
451	383524.71	5013852.69	617.22
452	383526.03	5013854.29	616.96
453	383524.75	5013860.12	617.04
454	383522.43	5013854.88	617.12
455	383523.56	5013855.97	616.99
456	383520.95	5013858.13	617.03

457	383519.79	5013857.48	617.11
458	383513.01	5013868.72	617.11
459	383510.70	5013867.50	617.13
460	383512.13	5013865.95	617.10
461	383512.24	5013864.35	617.13
462	383508.31	5013866.23	617.28
463	383507.76	5013866.45	617.29
464	383505.93	5013876.70	617.16
465	383504.75	5013872.87	617.18
466	383502.35	5013874.85	617.18
467	383483.19	5013866.65	618.31
468	383476.92	5013859.85	618.18
469	383475.83	5013861.06	617.84
470	383473.92	5013862.70	617.89
471	383490.39	5013881.88	617.65
472	383493.64	5013878.76	617.79
473	383493.36	5013879.44	617.57
474	383496.60	5013880.13	617.27
475	383491.76	5013884.48	617.37
476	383495.12	5013886.25	617.29
477	383492.43	5013888.58	617.33
478	383489.06	5013887.02	617.42
479	383486.31	5013889.11	617.49
480	383490.65	5013891.30	617.53
481	383485.40	5013896.26	617.69
482	383469.33	5013903.36	617.93
483	383472.71	5013906.11	617.86
484	383471.15	5013907.56	617.91
485	383469.82	5013908.35	617.94
486	383467.68	5013903.58	618.20
487	383459.22	5013918.73	618.45
488	383445.98	5013922.36	618.50
489	383453.40	5013923.76	618.46
490	383450.28	5013926.59	618.47
491	383453.09	5013922.33	618.31
492	383451.44	5013918.83	619.57
493	383448.76	5013921.49	618.31
494	383449.82	5013925.79	618.40
495	383437.55	5013931.27	618.51
496	383439.56	5013934.47	618.62
497	383428.24	5013944.49	619.19
498	383420.28	5013947.94	619.17
499	383416.71	5013945.60	619.15
500	383415.69	5013950.67	619.27
501	383407.32	5013968.68	619.76
502	383404.65	5013971.27	619.86
503	383407.40	5013974.47	619.88
504	383413.43	5013975.01	619.74
505	383412.13	5013977.90	619.78
506	383421.40	5013979.95	619.60

507	383420.70	5013983.72	619.54
508	383428.71	5013985.63	619.16
509	383429.00	5013981.49	619.26
510	383433.91	5013982.50	619.02
511	383470.52	5014015.38	618.94
512	383473.30	5014014.02	618.97
513	383470.91	5014011.28	618.93
514	383468.76	5014012.05	618.94
515	383446.89	5013989.54	618.99
516	383445.67	5013991.26	618.95
517	383420.40	5013982.85	619.50
518	383420.89	5013980.69	619.41
519	383407.57	5013973.70	619.77
520	383405.31	5013971.18	619.78
521	383407.33	5013969.70	619.59
522	383403.72	5013959.11	619.56
523	383401.12	5013959.31	619.60
524	383400.00	5013957.74	619.60
525	383404.34	5013955.97	619.52
526	383401.04	5013952.32	619.45
527	383392.95	5013954.39	619.65
528	383393.54	5013958.17	619.71
529	383398.87	5013958.33	619.79
530	383396.95	5013958.30	619.77
531	383383.75	5013961.96	620.14
532	383370.70	5013966.33	620.35
533	383370.70	5013966.33	620.35
534	383369.02	5013961.59	620.23
535	383369.87	5013965.33	620.20
536	383320.68	5013991.75	621.92
537	383318.17	5013988.95	621.91
538	383282.44	5014016.55	623.98
539	383284.03	5014020.00	623.97
540	383259.94	5014026.91	625.20
541	383256.71	5014029.51	625.13
542	383256.24	5014033.31	625.21
543	383253.12	5014030.35	625.25
544	383252.30	5014029.22	625.41
545	383242.10	5014032.23	625.77
546	383229.22	5014035.73	626.23
547	383225.62	5014040.33	626.43
548	383224.70	5014036.70	626.44
549	383207.63	5014040.41	627.21
550	383207.68	5014044.22	627.13
551	383186.42	5014044.24	628.13
552	383137.43	5014105.53	627.57
553	383133.23	5014111.41	627.70
554	383130.75	5014118.57	627.69
555	383131.91	5014116.93	627.66
556	383130.86	5014119.73	627.68

557	383130.62	5014123.55	627.70
558	383135.21	5014128.67	627.96
559	383138.63	5014126.65	627.95
560	383137.12	5014122.72	627.77
561	383137.08	5014116.20	627.63
562	383133.75	5014112.74	627.61
563	383137.75	5014106.30	627.64
564	383140.90	5014107.90	627.63
565	383144.59	5014102.47	627.58
566	383141.99	5014100.05	627.55
567	383145.75	5014094.28	627.45
568	383148.81	5014096.58	627.43
569	383155.35	5014087.45	627.23
570	383154.70	5014082.21	627.21
571	383159.83	5014081.11	627.32
572	383164.36	5014065.34	627.71
573	383162.56	5014068.81	627.62
574	383166.04	5014072.97	627.56
575	383174.16	5014063.40	627.87
576	383167.99	5014059.05	628.08
577	383177.97	5014046.03	628.44
578	383170.26	5014054.38	628.33
579	383168.83	5014052.84	628.46
580	383776.07	5013727.08	614.06
581	383770.40	5013744.14	614.22
582	383768.42	5013753.95	614.24
583	383768.17	5013756.70	614.34
584	383766.30	5013777.42	614.48
585	383766.01	5013780.37	614.47
586	383764.60	5013796.80	614.64
587	383764.33	5013799.69	614.70
588	383763.66	5013820.17	614.90
589	383763.75	5013823.13	614.87
590	383763.21	5013839.40	615.03
591	383763.17	5013842.26	614.99
592	383762.88	5013854.09	615.04
593	383762.52	5013870.94	615.20
594	383761.65	5013883.10	615.26
595	383759.90	5013906.65	615.06
596	383758.46	5013924.11	615.55
597	383758.05	5013927.10	615.53
598	383754.99	5013926.71	615.67
599	383754.94	5013924.22	615.66
600	383745.42	5013926.54	615.47
601	383745.77	5013921.66	615.46
602	383746.88	5013912.39	615.41
603	383755.72	5013913.16	615.53
604	383758.21	5013885.53	615.37
605	383749.17	5013876.34	615.17
606	383759.15	5013869.53	615.27

607	383750.50	5013855.83	615.05
608	383750.82	5013850.52	615.04
609	383750.86	5013850.56	615.03
610	383760.22	5013841.75	615.10
611	383760.14	5013839.49	615.06
612	383750.73	5013840.17	614.95
613	383751.24	5013820.71	614.76
614	383760.67	5013822.36	614.98
615	383760.76	5013820.18	614.95
616	383761.61	5013799.24	614.77
617	383761.66	5013796.96	614.74
618	383752.70	5013797.32	614.63
619	383753.87	5013777.23	614.51
620	383762.93	5013779.64	614.64
621	383763.32	5013777.44	614.64
622	383765.90	5013756.16	614.40
623	383766.26	5013753.81	614.37
624	383766.80	5013750.10	614.39
625	383758.16	5013746.41	614.28
626	383767.99	5013719.71	614.08
627	383776.53	5013722.84	614.13
628	383781.51	5013716.04	613.99
629	383790.58	5013702.97	613.91
630	383783.58	5013675.28	613.81
631	383777.63	5013667.35	613.74
632	383774.26	5013658.37	613.56
633	383772.50	5013646.36	613.37
634	383775.93	5013638.36	613.30
635	383755.13	5013661.46	613.34
636	383758.42	5013660.78	613.41
637	383764.82	5013663.86	613.75
638	383772.41	5013673.54	613.85
639	383777.11	5013680.91	613.81
640	383778.30	5013684.84	613.71
641	383778.62	5013691.75	613.78
642	383791.78	5013684.10	613.79
643	383778.43	5013695.79	613.85
644	383776.65	5013704.01	613.94
645	383784.81	5013708.64	613.95
646	383791.49	5013699.79	613.85
647	383793.98	5013698.70	613.84
648	383799.18	5013691.45	613.86
649	383806.07	5013698.01	613.88
650	383803.28	5013702.16	613.75
651	383818.20	5013715.91	613.89
652	383821.57	5013712.70	613.92
653	383839.13	5013729.40	613.97
654	383840.16	5013735.76	613.91
655	383847.48	5013737.35	614.00
656	383853.55	5013749.46	613.95

657	383857.25	5013747.07	614.01
658	383868.66	5013763.87	614.04
659	383865.05	5013766.09	613.93
660	383868.53	5013785.57	613.92
661	383872.78	5013786.25	613.98
662	383870.43	5013821.98	614.29
663	383869.76	5013827.56	614.35
664	383865.90	5013824.10	614.31
665	383864.02	5013846.46	614.45
666	383867.55	5013851.39	614.39
667	383863.51	5013853.95	614.43
668	383867.39	5013857.05	614.36
669	383863.05	5013857.64	614.42
670	383865.96	5013873.56	614.39
671	383861.39	5013872.68	614.48
672	383860.82	5013875.26	614.52
673	383857.93	5013879.80	614.58
674	383862.59	5013884.46	614.57
675	383863.65	5013900.75	614.67
676	383855.36	5013901.25	614.78
677	383854.26	5013912.67	614.91
678	383854.28	5013922.85	614.95
679	383857.59	5013923.31	614.92
680	383857.61	5013925.12	614.89
681	383861.70	5013925.84	614.93
682	383859.16	5013964.10	614.95
683	383854.64	5013963.96	615.04
684	383846.80	5013999.74	615.21
685	383849.66	5013999.68	615.23
686	383855.57	5014000.65	615.27
687	383859.81	5014001.24	615.29
688	383861.76	5013995.87	615.21
689	383860.48	5013995.40	615.20
690	383858.34	5013993.34	615.22
691	383857.19	5013989.58	615.16
692	383857.10	5013988.24	615.17
693	383853.06	5013987.36	615.01
694	383850.89	5013992.47	615.04
695	383847.59	5013994.39	614.97
696	383841.15	5013995.44	615.04
697	383840.45	5013999.32	615.15
698	383806.33	5013996.83	615.52
699	383805.87	5013992.59	615.46
700	383804.06	5013990.13	615.61
701	383804.56	5013983.11	615.66
702	383790.22	5013981.84	615.58
703	383795.48	5013995.96	615.65
704	383787.40	5013995.43	615.79
705	383787.50	5013991.06	615.68
706	383765.58	5013989.72	615.82

707	383764.67	5013994.06	616.03
708	383752.94	5013992.22	616.18
709	383747.47	5013988.50	616.16
710	383247.81	5013688.57	686.91
711	383755.90	5013985.38	615.80
712	383751.74	5013979.80	615.73
713	383743.21	5013981.47	616.05
714	383741.27	5013968.87	615.83
715	383751.36	5013969.55	615.72
716	383751.64	5013967.42	615.72
717	383756.99	5013981.88	615.70
718	383754.73	5013978.07	615.67
719	383754.55	5013976.09	615.69
720	383192.42	5014054.21	626.50
721	383754.99	5013970.19	615.65
722	383755.33	5013967.43	615.70
723	383756.36	5013952.36	615.48
724	383144.18	5014051.29	629.67
725	383753.79	5013937.88	615.71
726	383744.79	5013937.28	615.57
727	383431.37	5013973.21	619.23
728	383744.13	5013937.28	615.51
729	383742.59	5013953.73	615.59
730	383642.28	5013751.93	614.94
731	383739.29	5013949.29	615.53
732	383738.43	5013943.61	615.53
733	383732.86	5013947.39	615.57
734	383733.17	5013948.14	615.54
735	383733.34	5013948.89	615.55
736	383678.37	5013949.60	615.99
737	383677.82	5013951.60	616.06
738	383644.12	5013928.23	616.30
739	383647.32	5013930.85	616.35
740	383676.14	5013948.13	616.25
741	383674.22	5013949.90	616.29
742	383673.61	5013946.02	616.30
743	383671.09	5013946.51	616.32
744	383667.82	5013943.73	616.50
745	383667.27	5013939.40	616.32
746	383659.10	5013933.26	616.36
747	383655.69	5013934.27	616.42
748	383654.58	5013930.28	616.33
749	383650.18	5013930.37	616.33
750	383653.20	5013928.29	616.39
751	383649.56	5013925.93	616.30
752	383648.32	5013922.83	616.26
753	383645.54	5013924.55	616.80
754	383645.06	5013918.81	616.17
755	383642.78	5013915.03	616.17
756	383638.84	5013912.81	616.03

757	383579.13	5013825.01	616.58
758	383581.56	5013828.22	616.65
759	383587.77	5013841.08	616.83
760	383589.63	5013839.40	616.81
761	383569.97	5013819.85	616.54
762	383568.76	5013815.54	616.45
763	383574.33	5013816.17	616.48
764	383573.76	5013811.37	616.43
765	383587.06	5013804.77	616.23
766	383585.22	5013801.28	616.22
767	383590.45	5013801.74	616.19
768	383588.35	5013798.59	616.19
769	383601.43	5013793.54	615.94
770	383599.32	5013789.75	615.96
771	383602.41	5013787.75	615.85
772	383602.31	5013789.99	615.92
773	383606.73	5013789.14	615.77
774	383608.96	5013782.28	615.77
775	383611.77	5013779.88	615.69
776	383615.54	5013782.25	615.60
777	383618.27	5013780.00	615.55
778	383614.60	5013776.84	615.89
779	383622.31	5013778.13	615.52
780	383638.34	5013766.13	615.35
781	383634.75	5013761.77	615.50
782	383638.07	5013765.17	615.21
783	383640.37	5013763.18	615.16
784	383636.35	5013761.56	615.24
785	383642.37	5013755.83	615.21
786	383645.21	5013759.46	615.09
787	383645.78	5013760.18	615.21
788	383650.90	5013756.03	615.19
789	383653.81	5013746.85	615.14
790	383657.31	5013751.21	615.11
791	383683.21	5013731.32	614.49
792	383678.95	5013729.72	614.48
793	383678.03	5013728.86	614.50
794	383682.36	5013725.28	614.44
795	383683.07	5013726.29	614.33
796	383687.88	5013720.50	614.44
797	383692.53	5013726.45	614.37
798	383717.37	5013698.12	613.82
799	383714.16	5013695.16	614.08
800	383715.66	5013704.81	613.89
801	383714.43	5013704.09	613.91
802	383721.95	5013696.13	613.73
803	383741.14	5013665.79	614.09
804	383740.57	5013666.24	614.15
805	383753.57	5013663.80	613.51
806	383753.47	5013662.69	613.37

807	383750.78	5013659.69	613.34
808	383759.36	5013650.03	613.30
809	383773.38	5013634.87	613.19
810	383776.35	5013637.32	613.27
811	382879.48	5013986.89	632.77
812	382879.90	5013987.84	632.72
813	382881.26	5013990.23	632.70