

**YEIP
2011
-041**



RECONNAISSANCE GEOCHEMICAL REPORT

YMIP 11-041 (RICE)

NTS 115N/02, 115N/07

LAT: 63.25° N

LONG: 140.63° W

DAWSON MINING DISTRICT

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Kaminak Gold Corp.
Suite 1020 – 800 West Pender Street
Vancouver BC V6C 2V6

WORK PERFORMED June 9, June 17 and September 5-6, 2011

DATE OF REPORT January 5, 2012

Table of Contents

1.0 SUMMARY	3
2.0 INTRODUCTION	3
3.0 LOCATION	3
4.0 ACCESS AND PHYSIOGRAPHY	3
5.0 PREVIOUS WORK	3
6.0 GEOLOGICAL SETTING	4
6.1 Regional Geology	4
6.2 Property Geology	9
7.0 WORK PERFORMED/METHODS	9
7.1 Soil Survey	9
7.2 Prospecting	10
8.0 RESULTS	10
9.0 RECOMMENDATIONS	12
10.0 COST SUMMARY	12
11.0 REFERENCES CITED	13
12.0 QUALIFICATIONS	14
13.0 APPENDIX 1 – RICE Claims	15
14.0 APPENDIX 2 – Sample locations and analytical results for select elements	22

List of Figures

Figure 1 Location of the RICE claims, 110 km southwest of Dawson City, west-central Yukon. Coordinate system is UTM NAD83, zone 7.	5
Figure 2 RICE claims. Coordinate system is UTM NAD83, zone 7.	6
Figure 3 Regional geological setting of the RICE claims (after Gordey and Makepeace, 1999). Coordinate system is UTM NAD83, zone 7.	7
Figure 4 Regional aeromagnetic map for the RICE area. Coordinate system is UTM NAD83, zone 7.	8
Figure 5 Regional stream sediment survey (RGS) map for the RICE area (Heon, 2003). Coordinate system is UTM NAD83, zone 7.	9
Figure 6 Gold-in-soil results from reconnaissance sampling in 2011.	11
Figure 7 Arsenic-in-soil results from reconnaissance sampling in 2011.	12

List of Tables

Table 1 Summary of costs for the 2011 exploration program on the RICE claims.	13
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1.0 SUMMARY

A regional exploration program was undertaken by Kaminak Gold Corp. in 2010 in order to target available ground in the Dawson Range for gold potential. The RICE claims (190 claims), located 110 km southwest of Dawson City, were staked in 2010 based on favourable geologic setting, regional aeromagnetic characteristics, and regional structures in addition to anomalous regional stream sediment samples. Kaminak performed initial reconnaissance work in June 2010 and June 2011. A ridgetop reconnaissance soil sampling program was conducted in June and September 2011, and \$42 208.00 was spent evaluating the property. A total of 683 samples were collected at 50m spacing and no anomalies were detected for gold, arsenic or other metals. No further work on the RICE property is recommended at this time.

2.0 INTRODUCTION

Regional exploration work was undertaken by Kaminak Gold Corp. in 2010 in order to target the Dawson Range for gold potential. This document summarizes the program designed to test the RICE claims, located 110 km southwest of Dawson City, west-central Yukon. The 190 claims were staked in 2010 based on favourable geologic setting, regional aeromagnetic characteristics, and regional structures in addition to the location of anomalous regional stream sediment samples.

The region includes two belts of Cretaceous intrusive rocks (Cassiar and Dawson Range suites), spatially associated with the White Gold and Coffee projects, in addition to a number of other gold-bearing mineral deposits such as Sonora Gulch, Freegold Mountain, Casino and Minto. The objective of the program was to test the RICE claims for gold prospectivity with reconnaissance soil sampling and prospecting.

3.0 LOCATION

The RICE claims are located 110 kilometers southwest of Dawson City in west-central Yukon, and approximately 75 km northwest of the Supremo Zone on Kaminak's Coffee property (Figure 1). The RICE block consists of 190 quartz claims in the Dawson Mining District, all staked in summer 2010 (Appendix 1; Figure 2). The RICE property is centered at latitude 63.25N and longitude 140.63W (NTS mapsheets 115N/02 and 115N/07).

4.0 ACCESS AND PHYSIOGRAPHY

Direct access to the property is by helicopter from Dawson or Carmacks. Air strips are located at the Thistle Creek and Coffee Creek (Kaminak) camps approximately 60 km from site and river access to this region is provided by barge landings on the Yukon River near both airstrips. River transport along the Yukon River from Dawson City to the barge landings is available for five months during the summer period when the river is free of ice. The RICE area consists of rolling to steep hills incised by streams and the majority of the area is covered by trees, with some zones dominated by shorter shrub-like vegetation. Outcrops are rare and the elevation range on the property is approximately 550 m to 1100 m. Yukon has a sub-arctic continental climate with a summer mean of 10° Celsius and a winter mean of minus 23° Celsius. Summer and winter temperatures can reach plus 35° and minus 55° Celsius, respectively. Dawson City, the nearest town, has a daily average above freezing for 180 days per year.

5.0 PREVIOUS WORK

There is no historic work recorded in the area however a brief reconnaissance visit was made in 2010. Outcrops of silicified, moderately-dipping foliated rocks were noted.

6.0 GEOLOGICAL SETTING

6.1 Regional Geology

The RICE claims region is underlain by the Yukon-Tanana terrane, which is the basement for Mesozoic to Cenozoic plutons and batholiths including those from the Dawson Range and Cassiar intrusive suites (Figure 3). Cretaceous intrusive rocks are spatially associated with the White Gold and Coffee projects, in addition to a number of other gold-bearing mineral deposits in the region such as Sonora Gulch, Freegold Mountain and Casino.

The RICE area was initially targeted based on a selection of characteristics from regional datasets that are associated with the White Gold and Coffee Gold environments. These include the presence of intrusions as well as linear structures seen in the regional aeromagnetic data and discrete magnetic highs, associated with mineral deposits in the region (Figure 4). Moreover, the RICE claims are linked to anomalous regional stream sediment samples (Figure 5).

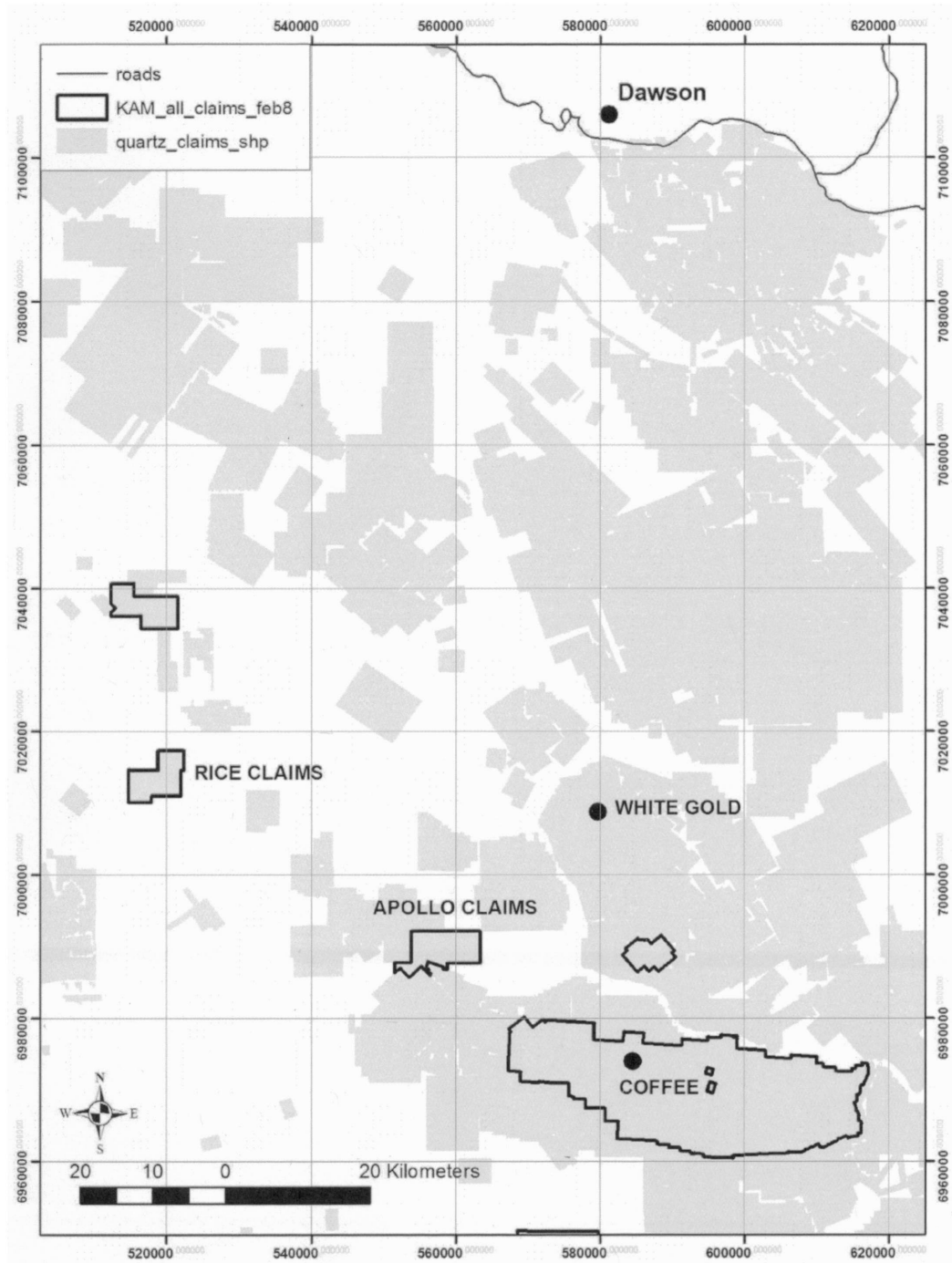


Figure 1 Location of the RICE claims, 110 km southwest of Dawson City, west-central Yukon. Coordinate system is UTM NAD83, zone 7.

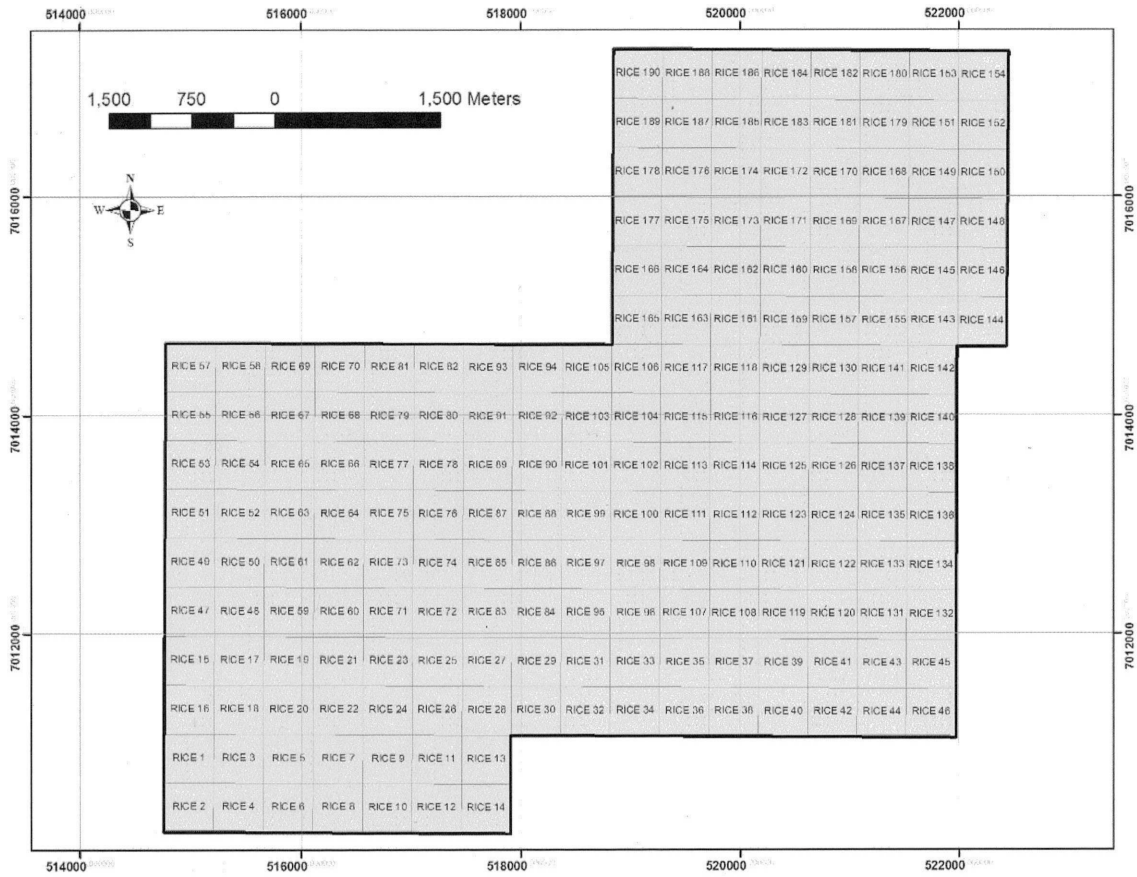


Figure 2 RICE claims. Coordinate system is UTM NAD83, zone 7.

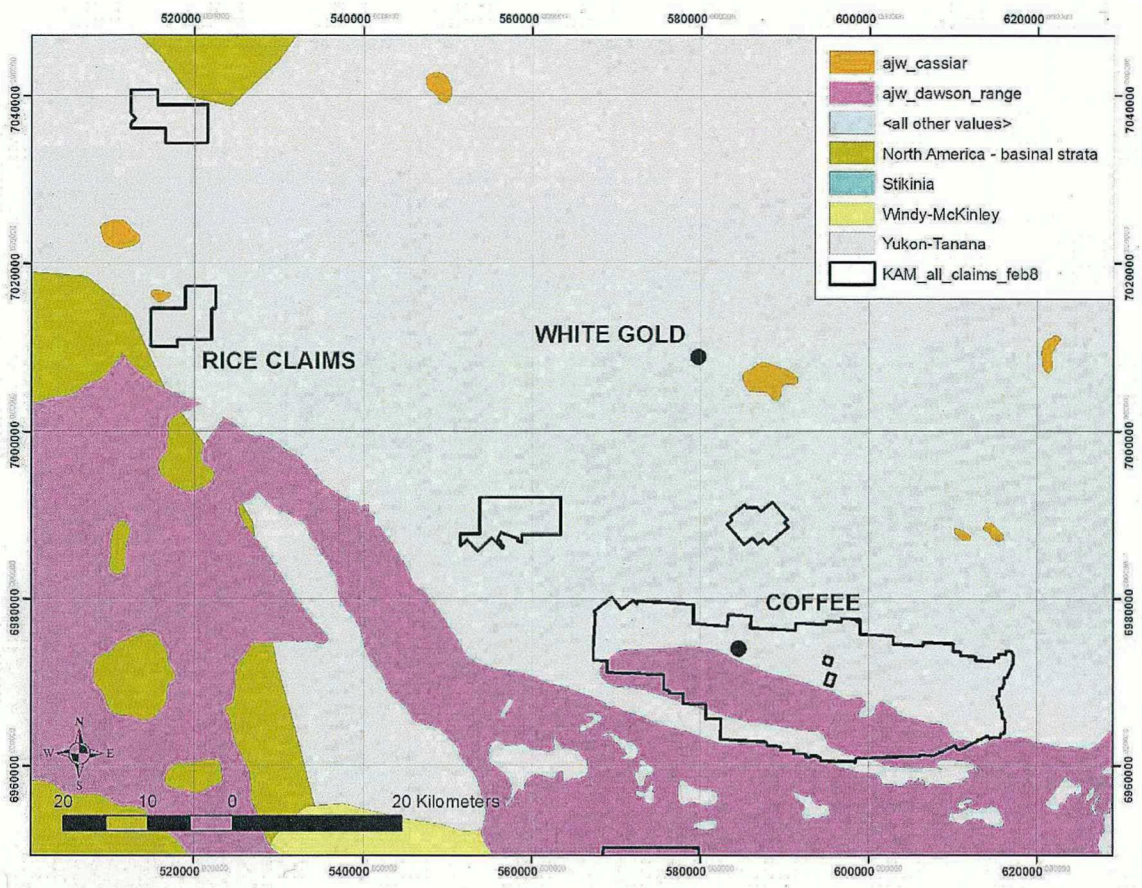


Figure 3 Regional geological setting of the RICE claims (after Gordey and Makepeace, 1999). Coordinate system is UTM NAD83, zone 7.

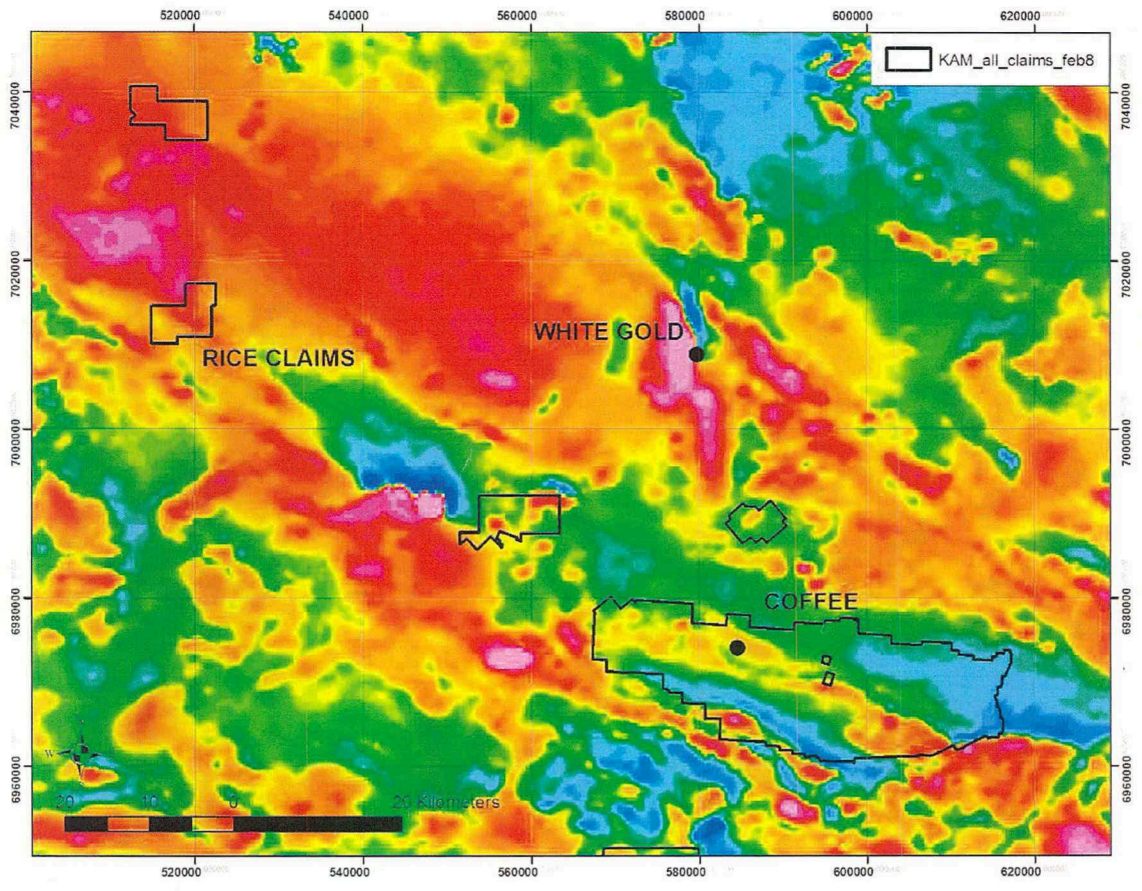


Figure 4 Regional aeromagnetic map for the RICE area. Coordinate system is UTM NAD83, zone 7.

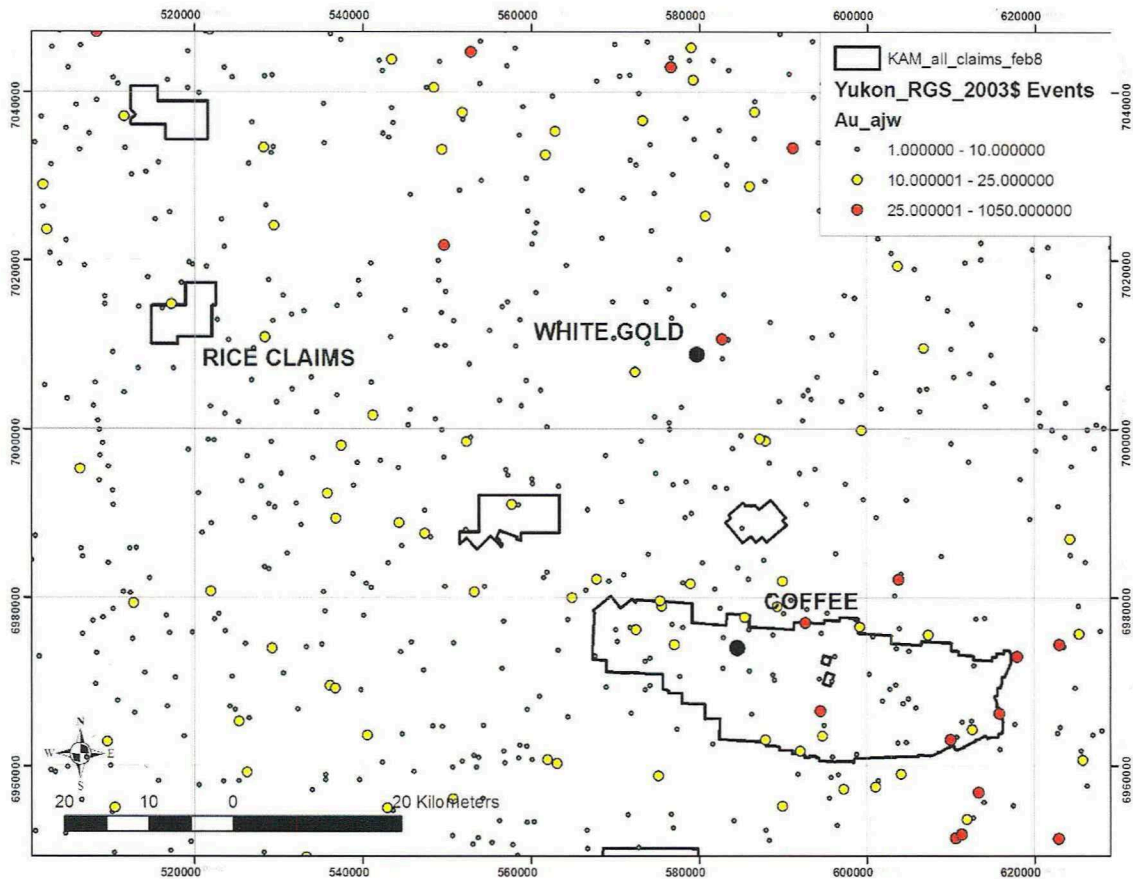


Figure 5 Regional stream sediment survey (RGS) map for the RICE area (Heon, 2003). Coordinate system is UTM NAD83, zone 7.

6.2 Property Geology

The geology of the RICE area is poorly understood as outcrops are scarce; however these rocks are assigned to the Yukon-Tanana terrane on regional geological maps. Rapid reconnaissance prospecting and mapping (June 2010 and June 2011) indicates that the RICE area is underlain by quartz-feldspar protomylonite and low-strain foliated feldspathic tuff. The rock fabric strikes east-west and both north and south dips were recorded. Weak green to beige epidote-silica-chlorite alteration was noted associated with both coarse pyrite cubes (<1%) as well as with foliation-parallel bull quartz veins up to several centimeters in width.

7.0 WORK PERFORMED/METHODS

7.1 Soil Survey

Soil sampling was carried out by Ground Truth Exploration from Dawson City, Yukon. Six hundred and eighty-three (683) ridgetop soil samples were collected with sampling stations spaced at 50 metres. The crew was based out of the Groundtruth Thistle camp and they completed the work during June 17 and September 5-6, 2011.

Samples were collected using a hand auger to various depths depending on the soil profile. The organic A horizon material was discarded, and augering continued until the C horizon rock chips were encountered, checking for false bottoms on the A horizon profile. Soil samples were collected over intervals varying from 60 to 70 centimetres, with maximum depth not exceeding the 1.25 meter length of the auger. Samples were placed directly in pre-marked bags. A field duplicate sample was collected at a rate of one every twenty-five samples. Sample number, location, depth, and geological parameters were recorded directly into a hand-held computer with a GPS reading of sample location also stored separately as a backup. The sample location was marked with flagging tape and a metal tag on a nearby tree.

The sample information was downloaded from the hand-held computers into spreadsheets, and subsequently integrated into Kaminak's project database. Samples were submitted by the contractor to Acme Laboratories in Vancouver, British Columbia and analysed by ICP-MS for 36 elements (analytical package 1DX15).

7.2 Prospecting

A one-day helicopter-based trip was made to the RICE prospect on June 9, 2011. Fog hindered landing efforts on the claims; however a stop was made immediately adjacent to the claims in order to ascertain the local geological setting. Moderately dipping chlorite altered schist was noted in addition to trace pyrite and opaque white foliation-parallel quartz veins. The reconnaissance flight confirmed the lack of outcrop, the suitability of using ridgetop soil sampling techniques, and basement host rock geological setting.

8.0 RESULTS

The ridgetop reconnaissance soil sampling results yielded low levels for gold and arsenic (Figures 6 and 7), as well as for other elements of interest. Values for gold (up to 22 ppb) and arsenic (up to 217 ppm) are considered to be background for the region. The soil sample locations as well as geochemical results for select elements are listed in Appendix 2.

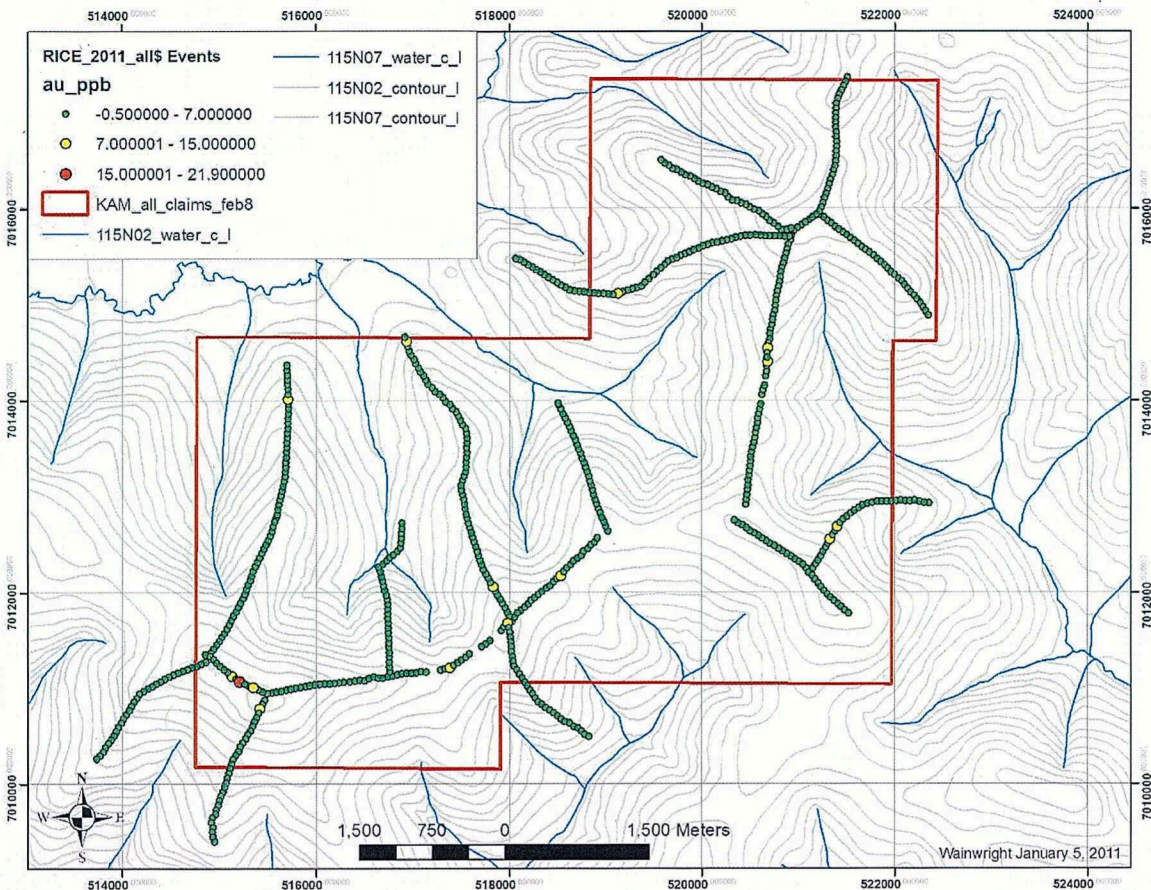


Figure 6 Gold-in-soil results from reconnaissance sampling in 2011.

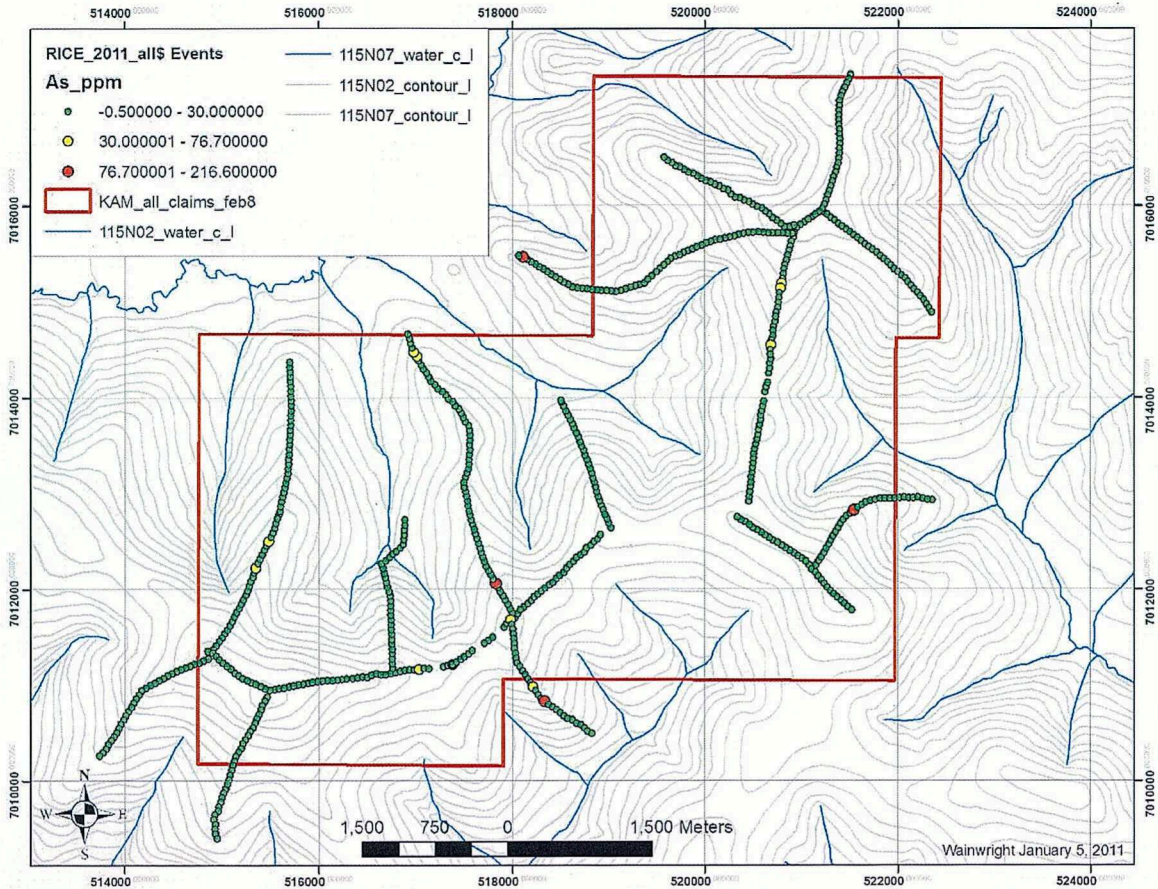


Figure 7 Arsenic-in-soil results from reconnaissance sampling in 2011.

9.0 RECOMMENDATIONS

The reconnaissance geochemical and prospecting program did not detect any significant anomalies for gold, arsenic or any other elements of interest. No further work is recommended at this time on the RICE claims.

10.0 COST SUMMARY

The June-September 2011 RICE program cost \$42 208 (Table 1).

Table 1 Summary of costs for the 2011 exploration program on the RICE claims.

ITEM	contractor	total cost	PO	notes	gst	without gst
Geologist costs (compilation/report writing)						
Alan Wainwright PhD PGeo (staff)	Kaminak	1000		total of 2 days of data compilation and report writing @ \$500 per day		
Geologist costs (field time)						
Alan Wainwright PhD PGeo (staff)	Kaminak	500		1 day field time @ \$500 per day		
Joe Currie (staff)	Kaminak	400		1 day field time @ \$400 per day		
Helicopter during recce visit						
Rice trip June 9 AJW JC	Trinity	1836.77	trinity_00788	1.7 hours helicopter time attributed to RICE	87.47	1749.3
Camp costs						
1 night for Alan Wainwright	Kaminak	181		\$181 per night per person at Coffee Creek camp		
1 night for Joe Currie	Kaminak	181		\$181 per night per person at Coffee Creek camp		
Travel costs						
Charter flight to Coffee Camp		1100	n/a	Whitehorse to Coffee Project (50% of return cost, shared with other project)		
Helicopter during soil program						
June 17 2011	Transnorth	2804.1	52233	2.1 hours helicopter time	133.53	2670.57
September 5 2011	Transnorth	7638.89	52586	3.7 hours helicopter time attributed to RICE	363.76	7275.13
September 6 2011	Transnorth	5574.32	52588	2.7 hours helicopter time attributed to RICE	265.44	5308.88
Soil sampling						
Soil sampling and analytical (June)	Groundtruth Exploration	2483.25	KAM 2011-01	88 samples collected	118.25	2365
Soil sampling and analytical (Sept)	Groundtruth Exploration	18508.67	KAM 2011-06	595 samples collected	881.37	17627.3
TOTAL						
		\$42 208				

11.0 REFERENCES CITED

- Gordey, S.P. and Makepeace, A.J. (compilers), 1999: Yukon bedrock geology in Yukon digital geology, Geological Survey of Canada Open File D3826 and Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1999-1(D).
- Heon, D. (compiler), 2003, Yukon Regional Geochemical Database 2003 - Stream sediment analyses, Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.

12.0 QUALIFICATIONS

I, Alan John Wainwright, hereby certify that:

1. I am a mineral exploration geologist with offices at Suite 1020 – 800 West Pender Street, Vancouver BC V6C 2V6.
2. I am a graduate of McGill University (B.Sc., 2000), University of Toronto (M.Sc., 2003) and The University of British Columbia (Ph.D., 2009), all in geology. I have been engaged in mineral exploration since 1999.
3. I am a Professional Geoscientist of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration #33841.
4. I have had direct involvement with the exploration program conducted on the area discussed in this report. I am familiar with mineral deposit models and have experience conducting evaluations of mineral properties. I visited the RICE claims in June 2010 and June 2011.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Alan J. Wainwright", with a long horizontal stroke extending to the right.

“Alan J. Wainwright”

13.0 APPENDIX 1 – RICE Claims

ClaimNbr	Grantnumber	ClaimExpiryDate	ClaimOwner	Status	RecordedDate	StakingDate	district
1	YD48601	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
2	YD48602	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
3	YD48603	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
4	YD48604	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
5	YD48605	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
6	YD48606	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
7	YD48607	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
8	YD48608	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
9	YD48609	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
10	YD48610	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
11	YD48611	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
12	YD48612	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
13	YD48613	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
14	YD48614	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
15	YD48615	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
16	YD48616	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
17	YD48617	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
18	YD48618	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
19	YD48619	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
20	YD48620	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
21	YD48621	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
22	YD48622	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
23	YD48623	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
24	YD48624	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
25	YD48625	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
26	YD48626	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson

27	YD48627	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
28	YD48628	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
29	YD48629	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
30	YD48630	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
31	YD48631	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
32	YD48632	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
33	YD48633	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
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35	YD48635	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
36	YD48636	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
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39	YD48639	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
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42	YD48642	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
43	YD48643	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
44	YD48644	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
45	YD48645	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
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106	YD48706	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/08	Dawson
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116	YD48716	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson

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186	YD48786	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
187	YD48787	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
188	YD48788	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
189	YD48789	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson
190	YD48790	2011/06/24	Kaminak Gold Corp. - 100%	Active	2010/06/24	2010/06/09	Dawson

14.0 APPENDIX 2 – Sample locations and analytical results for select elements. All results in ppm except Au (ppb). Coordinate system is UTM NAD83, zone 7.

SampleID	East	North	Au_ppb	Ag_ppm	As_ppm	Cu_ppm	Mo_ppm	Pb_ppm	Zn_ppm
1008069	515589	7012787	4.2	-0.1	1.3	95.8	0.4	20.5	91
1008070	515589	7012787	3.9	-0.1	1.5	87.5	0.5	20.6	88
1037952	518120	7011814	5.7	0.2	1.6	45.4	0.3	34.1	54
1037989	517759	7011469	1.6	-0.1	3.9	41.3	0.5	3.4	51
1037990	517799	7011501	1.4	-0.1	2.2	29.4	0.6	3	22
1037991	517912	7011604	2.5	0.1	8.9	32.6	0.6	7.1	44
1037992	517941	7011645	4.1	-0.1	10.8	56.9	0.9	6.6	53
1037993	518023	7011702	3.9	-0.1	10.5	36.4	0.9	7.3	47
1037994	518052	7011743	1.6	-0.1	5.3	35.8	0.6	11.9	63
1037995	518079	7011786	1.5	-0.1	5.9	81.9	0.5	12	40
1037996	518158	7011847	3.5	-0.1	9.4	31.6	0.7	14.8	47
1037997	518195	7011883	2.4	-0.1	12.9	26.2	0.6	23.3	63
1037998	518222	7011924	-0.5	0.1	10.5	18.2	0.8	17.5	41
1037999	518264	7011951	5.3	0.2	6.3	42.9	0.9	81.4	150
1038000	518304	7011982	3.6	0.1	4.7	23.1	0.6	38.5	76
1042813	518341	7012018	2.5	-0.1	5.9	25.8	0.8	27.6	74
1042814	518382	7012048	2.2	-0.1	4.7	13	0.5	11	29
1042815	518423	7012078	2.7	0.2	10.8	40.5	1.2	31.3	71
1042816	518458	7012114	3.7	0.2	7.5	46.9	0.9	55.9	134
1042817	518492	7012151	2.7	-0.1	5.5	18.5	0.7	32.3	66
1042818	518533	7012179	7.2	-0.1	6.8	20.8	0.8	21.3	54
1042819	518561	7012222	1.6	-0.1	3.9	19.9	0.3	12.2	45
1042820	518594	7012259	2.5	-0.1	6	30.4	0.8	31.2	61
1042821	518632	7012291	5.7	0.3	4.8	39.7	0.8	31.6	60
1042822	518664	7012331	2.7	0.1	11	17	1.4	31.3	39

1042823	518705	7012357	2.4	0.2	4	18.5	1.3	168.4	46
1042824	518746	7012386	1.2	-0.1	5.6	18.5	0.7	21.8	65
1042826	518770	7012430	4.2	-0.1	6.3	27.3	0.7	14.7	65
1042827	518811	7012459	1.8	-0.1	5.3	23.6	0.6	15.4	60
1042828	518843	7012497	1.6	-0.1	3.6	16.9	0.3	16.4	31
1042829	518886	7012525	3.3	-0.1	7.9	19.2	0.6	9.9	42
1042830	518913	7012567	2.9	-0.1	6.9	21.6	0.6	9.6	45
1042831	518911	7012568	2.1	-0.1	6.8	19.6	0.6	9.4	46
1053051	516348	7011074	-0.5	-0.1	2.6	10.4	0.5	10.1	16
1053052	516399	7011080	2.9	-0.1	7	28	0.6	9.4	56
1053053	516449	7011089	2.8	-0.1	5	13.3	1.1	12.1	31
1053054	516498	7011085	3.1	0.3	3.2	21.1	0.7	11.8	29
1053055	516545	7011104	1.9	0.1	10.8	27.3	1.2	14.5	71
1053056	516591	7011124	3	0.1	6	31	0.7	8	47
1053057	516639	7011112	1.4	-0.1	7.3	26.3	0.7	8.5	54
1053058	516689	7011113	1.2	0.2	7.1	48.7	1.2	10.9	39
1053059	516739	7011123	1.8	-0.1	6.8	18.7	0.9	8.7	51
1053060	516788	7011134	2.6	-0.1	6.8	25.7	0.6	8	45
1053061	516837	7011145	1.4	-0.1	4.9	22	1.1	9.3	40
1053062	516886	7011155	4.7	0.3	10.3	69	1.3	11.3	50
1053063	516937	7011161	3	-0.1	4.2	39.1	0.5	6.8	41
1053064	516986	7011162	3.2	-0.1	6.1	37.3	1.1	21.1	66
1053065	517037	7011167	3.1	0.2	31.8	47.4	1.2	7.9	74
1053066	517087	7011178	5.5	0.2	13.2	39.1	4.1	11.1	60
1053067	517136	7011173	2.6	0.1	12.1	29.3	1.2	6.8	50
1053068	517284	7011197	2.4	0.1	12.9	27.3	3.1	5.3	28
1053069	517333	7011205	3	0.2	18.7	59.4	2	9.6	85
1053070	517382	7011217	11	0.1	33.6	82.2	17.6	30.4	292
1053071	517382	7011216	8.2	0.1	27.5	72	18	31.7	237
1053072	517422	7011246	1.9	0.2	18.8	66	1.5	7.1	74

1053073	517462	7011275	4.7	0.1	16	52	0.8	8.6	61
1053074	517504	7011303	3.7	0.1	18.1	64.4	0.6	8.8	60
1053075	517547	7011328	4.7	0.2	6.9	63.7	0.6	6	53
1053076	517715	7011437	3.4	0.2	12.6	34.5	1.9	9	54
1053086	517586	7011359	3.5	-0.1	3.3	23.4	0.9	5.1	21
1053151	520452	7012922	2.2	0.1	-0.5	36	0.3	6.2	36
1053152	520459	7012972	6.4	-0.1	2.8	31.7	0.4	5.3	37
1053153	520467	7013022	3.5	0.2	20.1	46.8	3.1	18.6	71
1053154	520472	7013073	4.7	0.5	11.5	59.8	1.4	18.6	65
1053155	520474	7013122	1.2	0.1	2.5	50.2	0.5	6.5	26
1053156	520478	7013173	1.3	-0.1	2.2	44.7	0.4	5.6	26
1053157	520489	7013222	-0.5	0.2	5.2	72.4	1.3	13	52
1053158	520492	7013272	3.1	0.2	11.4	49.4	5.7	17.3	71
1053159	520499	7013322	1.2	-0.1	1	30.4	0.4	2.5	51
1053160	520502	7013372	-0.5	0.2	7.1	18.8	1.8	32.8	37
1053161	520504	7013421	1.4	0.4	6.5	50	2.1	8.6	73
1053162	520515	7013470	0.8	-0.1	2.3	48.4	0.2	1.4	82
1053163	520528	7013519	3.5	0.2	1.4	70.5	13.5	11.9	182
1053164	520528	7013517	2.3	0.2	3.8	59.6	9.7	10.2	169
1053165	520534	7013569	0.8	-0.1	3	33.5	0.4	3	64
1053166	520547	7013617	3	0.3	6.8	31.1	3.2	12	47
1053167	520554	7013667	1.4	0.1	3	32	1.9	14.4	47
1053168	520564	7013717	2.1	-0.1	-0.5	48	4.1	20.7	68
1053169	520575	7013766	3	-0.1	1.6	46.2	0.2	2.7	54
1053170	520577	7013816	1.4	-0.1	1.3	37.3	0.2	2.2	43
1053171	520588	7013865	1.6	-0.1	1.2	42.7	0.2	2.2	56
1053172	520598	7013913	1.9	-0.1	0.6	39.8	0.2	1.4	61
1053173	520607	7013963	6	0.1	21.1	40.5	1.8	10.4	70
1053174	520622	7014063	1.9	0.1	13.8	20.4	1.2	17.5	47
1053175	520633	7014112	0.9	-0.1	13	23.6	1.5	13.9	71

1053176	520650	7014158	1	-0.1	8.3	29.2	4.4	24.9	58
1053177	520661	7014258	1	-0.1	7.8	35.8	0.8	2.3	52
1053178	520670	7014306	-0.5	-0.1	6	52.1	0.7	9.8	43
1053179	520669	7014360	1.5	0.1	4.6	46.8	1.2	4.9	53
1053180	520679	7014408	7.3	-0.1	0.5	72.4	0.6	8.1	77
1088595	515466	7010880	1	0.1	5.1	15	1	12.6	32
1088596	515443	7010835	3.7	-0.1	5.6	31.4	0.5	9.7	45
1088597	515420	7010791	8.3	-0.1	9.2	31.9	0.8	11.3	58
1088598	515404	7010743	2.8	-0.1	6.7	61.5	0.8	8.2	47
1088599	515385	7010697	1.3	0.2	7.3	22.6	1.7	8.2	49
1088600	515364	7010652	2.1	0.1	9.5	49.6	1.3	11.1	65
1089601	517514	7013170	3.2	0.4	3.6	52.7	1.3	50.8	59
1089602	517533	7013217	1.2	-0.1	5.3	19.7	1	35.3	46
1089603	517549	7013263	1	-0.1	4.5	18	1.4	36.7	56
1089607	517591	7012676	0.9	-0.1	6.1	40.2	0.9	17.6	55
1089608	517574	7012724	3.8	-0.1	4.6	51.3	0.5	6	53
1089609	517563	7012773	6.2	-0.1	4.1	35.9	0.7	3.7	53
1089610	517552	7012822	3.4	-0.1	7.7	47.4	1	8.9	53
1089611	517544	7012873	1.1	-0.1	19.3	36.3	3	39.5	58
1089612	517535	7012923	2.3	-0.1	7.3	21.5	1.3	20.5	49
1089613	517525	7012973	0.8	-0.1	6.8	21.9	1.1	18.4	41
1089614	517514	7013023	1.3	-0.1	8.6	25.4	1.8	23.8	47
1089615	517505	7013072	-0.5	-0.1	4	16.7	0.9	28.9	41
1089616	517498	7013122	0.6	-0.1	6.1	18.6	1.1	29.2	43
1089617	517999	7011755	2.4	0.3	28.9	56.4	3.9	7.6	90
1089618	517975	7011800	0.8	0.1	1.4	41.2	0.6	18.5	53
1089619	517951	7011843	2.1	0.2	3.7	44.2	0.6	32.8	147
1089620	517926	7011888	3	0.3	4.4	47.3	2.2	138.2	187
1089621	517902	7011933	1	-0.1	7	38.8	1.1	61	102
1089622	517877	7011977	2.2	0.3	9.7	70.5	2.7	167.8	222

1089623	517853	7012021	-0.5	-0.1	3.6	29.4	0.6	34	79
1089624	517829	7012065	9.7	0.6	216.6	124.6	34.9	177.4	211
1089625	517804	7012110	2.1	-0.1	15.5	49.8	1.7	39.7	62
1089626	517781	7012156	2.5	-0.1	15.1	41.6	1.1	21.6	62
1089627	517756	7012199	6.1	0.3	4.6	65	1.7	76.7	75
1089628	517732	7012243	2.5	0.2	8.4	68.5	1.3	64.2	113
1089629	517716	7012291	2.8	-0.1	13.2	82.7	1.5	14.6	97
1089630	517699	7012338	2	-0.1	6.7	43.5	1.5	10.3	62
1089631	517683	7012386	1.2	-0.1	3.3	17.5	1	16.8	44
1089632	517669	7012434	3.6	0.1	11.7	46	2.6	17.6	58
1089633	517653	7012482	3.3	-0.1	5.5	36.3	1.8	19.9	52
1089634	517637	7012531	4.4	-0.1	5.3	41.8	1	22	62
1089635	517621	7012579	1	-0.1	1.8	24.2	0.5	40.6	57
1089636	517606	7012627	1	-0.1	2.9	23.4	0.3	5.3	37
1091733	520709	7014746	1.1	-0.1	6.8	29.1	0.4	5.3	43
1091734	520703	7014697	1.8	-0.1	19.6	16.4	1	22.3	32
1091735	520703	7014647	5.2	-0.1	4.1	86	0.3	18.6	71
1091736	520685	7014598	2	0.1	4.1	17.2	0.8	24.8	27
1091737	520682	7014549	9	0.6	76.7	49.8	2.1	9.9	84
1091738	520725	7014793	3.9	-0.1	3.3	31.8	0.5	26	29
1091739	520730	7014843	4.5	0.3	5.5	77.7	0.7	10	59
1163130	522355	7012930	2.6	-0.1	5.5	45.9	0.4	5.9	54
1163151	521074	7012252	-0.5	-0.1	4	28.9	0.6	4.8	43
1163152	521102	7012209	2.8	0.1	4.1	40.6	0.7	5	44
1163153	521139	7012177	1.4	-0.1	5.9	48.2	0.6	6.3	49
1163154	521168	7012135	2.9	-0.1	5.5	21.3	1	7.1	31
1163155	520917	7012375	-0.5	-0.1	3.7	55.2	0.4	1.6	61
1163156	520874	7012402	2.5	-0.1	6.9	43.5	0.8	8	48
1163251	514038	7010731	0.6	-0.1	3.1	26	0.5	7.3	46
1163252	514011	7010684	3.3	-0.1	8	52.8	0.5	7.7	56

1163253	513987	7010640	2.8	0.1	7	55.7	0.5	8.7	48
1163254	513961	7010596	-0.5	-0.1	6.4	24.9	0.9	9.6	47
1163255	513938	7010552	1.5	-0.1	6.3	19.4	0.6	14	41
1163256	513914	7010506	1.3	0.1	5.1	15.3	1.2	11.9	41
1163257	513886	7010465	0.9	0.1	2.9	12	0.5	10	25
1163258	513858	7010422	0.7	0.1	5.4	16.1	1.2	15.7	43
1163259	513825	7010381	2.5	0.2	5.4	32.8	0.7	9	48
1163260	513802	7010336	1.9	-0.1	4	24.1	0.8	8.3	48
1163261	513768	7010298	0.9	-0.1	8.9	30	0.9	8	44
1163262	513735	7010261	-0.5	0.2	4.4	16.3	0.9	12.8	45
1165651	521029	7015829	1.2	-0.1	8.2	23.1	0.8	7.3	42
1165652	520985	7015804	2.2	-0.1	5.2	12	0.3	4.5	24
1165653	520949	7015768	2.7	-0.1	7.2	23.5	0.6	7	47
1165654	520927	7015722	4	-0.1	10.6	36.1	0.8	8	51
1165655	520914	7015673	4.6	-0.1	7.8	29	0.8	8.1	48
1165656	520894	7015628	1.7	-0.1	6	21.7	0.4	5.7	37
1165657	520881	7015578	1.9	-0.1	7.2	20.8	0.8	6.8	44
1165658	520869	7015529	1.5	-0.1	6.5	57.3	0.6	5.4	49
1165659	520854	7015481	2	0.1	7.7	35.4	0.9	9.1	46
1165660	520840	7015433	1	-0.1	7.2	22.3	0.8	21.5	36
1165661	520827	7015384	1.3	-0.1	15.1	19.5	0.4	14.8	45
1165662	520816	7015335	1.7	0.1	9.7	22.5	0.9	13.7	47
1165663	520808	7015285	-0.5	-0.1	9.9	10	0.4	42.5	15
1165664	520803	7015236	1.1	-0.1	7.8	16.8	0.7	20.1	11
1165665	520793	7015186	4.3	0.1	31.1	12.1	0.8	46.9	39
1165666	520783	7015136	0.9	-0.1	31	32.5	1.2	39	32
1165667	520771	7015088	4	0.2	10.3	112.2	0.5	53.8	72
1165668	520765	7015039	6.9	0.8	15.2	52.8	1.7	775.8	162
1165669	520758	7014989	0.6	-0.1	4.2	18.5	0.6	26.9	56
1165670	520752	7014940	0.5	-0.1	3.2	10.7	0.6	34.1	15

1165671	520738	7014891	1.3	0.1	3.1	61.2	1.3	134.9	104
1165672	520730	7014843	6.3	0.3	5	72.6	0.7	8.8	61
1165673	520674	7014499	4.2	0.1	8.9	49.9	1.2	10.6	65
1165674	520673	7014449	2.6	0.3	8.6	65.5	2.8	39.1	103
1176651	521223	7015937	1.2	-0.1	8.2	13.8	1.2	11.9	35
1176652	521263	7015907	-0.5	-0.1	7.6	23.9	0.7	7.2	45
1176653	521302	7015877	1.1	-0.1	7.7	24	0.7	6.7	44
1176654	521341	7015847	1.7	-0.1	9.6	26.1	0.8	7.6	46
1176655	521381	7015816	1.5	-0.1	8.2	17.6	0.9	8.5	32
1176656	521420	7015785	1.2	-0.1	8.5	21.3	0.9	7.9	46
1176657	521460	7015756	0.7	-0.1	4.2	17.9	0.4	28	36
1176658	521499	7015725	-0.5	-0.1	6.8	19.2	1	9.2	45
1176659	521539	7015693	1.1	-0.1	7.5	22.3	0.8	7.6	41
1176660	521579	7015664	1.5	-0.1	7.9	24.5	0.7	8.9	50
1176661	521617	7015632	1	-0.1	21.7	26.8	0.8	7.2	49
1176662	521654	7015598	0.7	-0.1	10	26.4	1.1	9.2	43
1176663	521696	7015570	1.3	-0.1	13.6	30.1	0.7	7.9	46
1176664	521736	7015540	2	-0.1	19.1	29.7	1	8.5	49
1176665	521776	7015509	3.1	-0.1	11.5	33.9	0.8	9	48
1176666	521814	7015478	1.5	-0.1	7.9	35.5	0.6	7.9	49
1176667	521852	7015444	2.6	-0.1	6.3	40.4	0.6	8	58
1176668	521889	7015410	1.2	-0.1	5.8	36.2	0.6	6.2	37
1176669	521924	7015375	1.9	-0.1	8	34.8	0.8	8.9	49
1176670	521957	7015339	0.6	-0.1	5.4	40.3	0.9	6.4	46
1176671	521996	7015308	1.3	-0.1	6.4	48.5	0.7	5.4	61
1176672	522032	7015272	0.9	-0.1	4.5	68.4	0.6	4	63
1176673	522070	7015241	2.7	-0.1	8.9	49.1	0.9	6.8	53
1176674	522103	7015203	4.6	-0.1	7	30	0.6	6.1	45
1176675	522134	7015164	1.9	-0.1	6.8	28.1	0.6	7.2	47
1176676	522166	7015127	2	-0.1	7.4	27.9	0.6	11	43

1176677	522201	7015091	-0.5	-0.1	4.4	19.7	0.3	14.6	35
1176678	522233	7015054	-0.5	-0.1	5	12.1	0.5	16.3	30
1176679	522233	7015053	-0.5	-0.1	5	12.8	0.5	16.6	31
1176680	522264	7015014	3	-0.1	4.4	11.1	0.5	17.6	28
1176681	522292	7014972	-0.5	-0.1	6.1	15.2	0.8	22.6	24
1176682	522323	7014933	2.3	-0.1	9.8	17.6	0.2	19.8	22
1176683	522351	7014891	1.2	-0.1	6.8	11.8	0.6	14.9	28
1176701	520705	7012511	-0.5	-0.1	1.8	63.2	0.3	1.7	48
1176702	520662	7012536	2.9	-0.1	6.2	27.1	0.7	5.5	34
1176703	520620	7012565	2.7	-0.1	4.9	67.3	1.1	4.4	49
1176704	520579	7012594	2.2	-0.1	5.8	38.9	0.6	6	48
1176705	520413	7012701	-0.5	-0.1	2.6	33.9	0.5	3.8	54
1176706	520372	7012728	1.6	-0.1	3.7	40.9	0.3	4.5	38
1176707	520329	7012754	-0.5	-0.1	5.4	54.3	0.8	6.3	36
1176708	520832	7012429	3.9	-0.1	8	33.2	0.9	6.3	37
1176709	520790	7012458	1.7	-0.1	3.4	43	0.4	4.1	37
1176710	520748	7012485	-0.5	-0.1	4.8	79	0.7	4.3	40
1176711	520958	7012346	1.6	-0.1	3.4	45.2	0.5	3.6	35
1176712	520537	7012620	1.1	-0.1	7.1	43.6	0.7	5.6	43
1176713	520492	7012642	1.3	-0.1	6.2	39.9	0.8	6.1	32
1176714	520457	7012678	1.2	-0.1	2	41.5	0.2	1.6	67
1176715	521200	7012097	2	-0.1	5.8	23.6	0.8	5.9	40
1176716	521231	7012058	1	-0.1	4.1	37.1	0.5	4.2	46
1176717	521264	7012022	1.1	-0.1	5.7	29.6	0.7	5.4	50
1176718	521294	7011983	0.6	-0.1	4.4	37.6	0.9	4.6	79
1176719	521332	7011949	-0.5	-0.1	5.1	34.7	0.5	3.7	60
1176720	521370	7011916	1.8	-0.1	8.2	57.9	0.8	7.3	47
1176721	521408	7011885	0.9	-0.1	1.9	22.7	0.6	6.1	20
1176722	521408	7011885	-0.5	-0.1	1.7	20.7	0.5	5.6	19
1176723	521444	7011847	-0.5	-0.1	4.6	35.3	0.8	5.7	36

1176724	521440	7011847	0.7	-0.1	4.8	36.4	0.9	6.3	37
1176725	521478	7011814	-0.5	-0.1	7.5	49.1	0.6	4.5	45
1176726	521517	7011783	0.7	-0.1	2.1	36.5	0.6	3.1	29
1176751	518925	7012876	3.1	-0.1	4.3	30.9	0.7	50.4	80
1176752	518905	7012924	2.5	0.3	4.2	56.8	0.8	75.3	126
1176753	518888	7012971	-0.5	0.1	2.9	52.6	0.8	14.8	45
1176754	518874	7013019	6.7	0.9	2.5	363	1.3	242.1	249
1176755	518861	7013068	1	-0.1	3.8	22	0.9	5.4	39
1176756	518848	7013117	-0.5	-0.1	5	15	0.9	7.3	35
1176757	518835	7013165	4.5	-0.1	3.8	21.6	0.6	6.7	37
1176758	518822	7013214	1.7	-0.1	4.2	46.3	0.5	6.2	55
1176759	518807	7013262	2.3	0.3	3.7	82	0.5	9.5	35
1176760	518792	7013311	1.9	0.1	22.1	37.7	1.5	10.5	68
1176761	518773	7013357	-0.5	-0.1	10.8	44.5	1.2	8.9	66
1176762	518753	7013403	1.8	-0.1	3.6	35.2	0.7	5.2	43
1176763	518737	7013450	0.5	-0.1	3.6	35.4	0.8	5.2	59
1176764	518719	7013498	1	-0.1	1.5	20.9	0.4	4	28
1176765	518701	7013543	0.9	-0.1	2.9	48.1	0.6	5.1	54
1176766	518682	7013591	1.8	-0.1	2.1	27.1	0.5	5.5	52
1176767	518664	7013637	1.6	0.1	2.7	39.2	0.4	4.9	55
1176768	518642	7013683	3.5	-0.1	3.6	43.9	0.5	8.6	54
1176769	518621	7013729	2.8	0.1	10.3	35.9	1	9.3	73
1176770	518621	7013729	0.9	0.1	8.2	35.1	0.9	9.8	63
1176771	518602	7013775	1.6	-0.1	4.6	37.4	0.5	8.2	63
1176772	518579	7013820	3.6	-0.1	3.1	43.3	0.4	7.4	63
1176773	518579	7013820	0.9	-0.1	3.4	40.4	0.4	7.5	60
1176774	518557	7013865	2	-0.1	3.5	35.8	0.5	6.5	58
1176775	518535	7013910	0.6	0.1	3.5	36.4	0.7	6.2	59
1176776	518514	7013957	1.9	-0.1	3.5	37.9	0.5	7.1	66
1176777	518507	7013973	2.7	-0.1	4.9	25.4	0.2	7.4	49

1176781	515038	7009922	1.9	-0.1	6.4	46.6	0.5	7.5	48
1176782	515017	7009877	1.4	-0.1	8.3	25.9	0.8	8.6	47
1176783	515002	7009829	-0.5	-0.1	6.8	34.5	0.6	9.3	47
1176784	514988	7009780	0.9	0.1	8.4	38	1.1	9.3	48
1176785	514971	7009733	-0.5	0.1	8.9	38.1	1	7.9	63
1176786	514961	7009684	2.1	-0.1	9.3	38	0.7	8.6	69
1176787	514931	7009645	-0.5	-0.1	7.9	28.4	0.8	8.8	59
1176788	514921	7009596	1.8	-0.1	4.4	23	0.7	13.8	57
1176789	514933	7009547	-0.5	0.1	6.4	14.4	1	20.6	69
1176790	514930	7009497	1.7	-0.1	6.6	26.8	0.8	14	47
1176791	514936	7009449	-0.5	-0.1	5.3	19.3	0.6	11.4	41
1176792	514950	7009400	7	-0.1	8.6	20.1	0.7	17.9	59
1176801	517554	7013311	5.2	-0.1	6.4	18.2	1.1	15	41
1176802	517555	7013361	3.6	-0.1	5.2	16.9	0.5	13.9	31
1176803	517556	7013412	1.5	-0.1	2.1	3	0.5	5.2	17
1176804	517562	7013461	2.7	-0.1	5.9	37.4	0.7	14.8	65
1176805	517561	7013511	-0.5	-0.1	2.6	9.4	0.5	10.2	32
1176806	517562	7013561	-0.5	-0.1	1.4	38	0.3	6.6	33
1176807	517563	7013611	2.2	-0.1	2.7	59.4	0.7	35.9	240
1176808	517559	7013662	2.4	0.2	4	90.9	1.2	103.6	117
1176809	517545	7013711	3.7	0.2	5.1	153.4	6	96.2	277
1176810	517516	7013752	3.2	0.1	9	42.4	1.1	9.3	51
1176811	517492	7013797	1.9	-0.1	2.6	64.4	0.4	2	68
1176812	517468	7013841	-0.5	-0.1	4.2	30.8	0.5	4.5	39
1176813	517448	7013887	-0.5	-0.1	2.9	26	0.4	2.5	86
1176814	517409	7013920	1.8	-0.1	3.3	54.6	0.3	2	56
1176815	517379	7013961	3.7	-0.1	4.7	47.4	0.5	2.7	76
1176816	517339	7013992	1.5	-0.1	3.1	49.8	0.6	2.5	74
1176817	517307	7014032	1.5	-0.1	4.6	21.1	1.2	4.8	83
1176818	517274	7014069	1.3	-0.1	3.6	20.2	1.1	3.3	103

1176819	517231	7014098	2.4	-0.1	5	37.5	1	5.3	50
1176820	517198	7014137	-0.5	-0.1	3.7	28.2	0.5	3.7	84
1176821	517161	7014171	0.9	-0.1	3	45	0.4	2.6	54
1176822	517137	7014215	-0.5	-0.1	1.7	48.9	0.3	2.2	72
1176823	517115	7014261	1	-0.1	1.9	54.3	0.2	9.6	43
1176824	517083	7014301	2.5	-0.1	8.4	45.6	0.8	22.5	67
1176825	517058	7014346	2.6	-0.1	21	46.5	1.5	48.7	124
1176826	517032	7014388	1	0.1	4.9	41.7	0.9	19.3	86
1176827	517013	7014435	1.8	0.2	65.2	56.9	7.3	22.1	115
1176828	516983	7014478	1.4	0.2	44.2	59.5	3.8	41.4	93
1176829	516967	7014525	2.6	0.1	8.4	59.3	0.6	12.3	58
1176830	516950	7014573	1.3	0.1	7.5	48.6	0.7	14.8	56
1176831	516936	7014622	7.5	0.1	6.8	44.1	0.8	8.8	55
1176832	516918	7014668	2.7	0.1	6.3	47	0.5	10.3	58
1176833	521113	7015887	5.7	-0.1	6.3	29.1	0.5	6.1	45
1176834	521070	7015860	3.3	-0.1	6.7	22.5	0.7	6	41
1176851	521149	7012256	1.1	0.1	6.4	37.2	0.7	7.1	53
1176852	521176	7012298	1.1	-0.1	3.9	42.7	0.4	5.2	46
1176853	521204	7012340	3.3	0.1	4.6	53	0.8	6.5	46
1176854	521229	7012382	2.2	0.1	4.1	48.7	0.6	5.6	53
1176855	521253	7012426	5.6	0.1	3.7	38.2	0.6	7.7	48
1176856	521279	7012469	-0.5	-0.1	1.3	33.2	0.3	5.3	25
1176857	521304	7012512	-0.5	-0.1	1.9	37.6	0.1	5.6	31
1176858	521326	7012556	9.6	-0.1	3.3	51.7	0.2	6.4	37
1176859	521354	7012597	0.6	-0.1	2.9	44	0.2	6	35
1176860	521378	7012640	-0.5	-0.1	2.9	48.5	0.1	5.1	34
1176861	521378	7012640	1.1	-0.1	2.8	37.8	0.3	4.5	30
1176862	521403	7012684	7.3	0.1	4.3	47.1	0.5	8.1	41
1176863	521427	7012728	-0.5	0.1	3.9	43.2	0.5	9	40
1176864	521464	7012763	-0.5	0.2	4.2	46.7	0.5	11.6	49

1176865	521504	7012791	1.4	0.2	8.3	47.2	1.1	12.9	51
1176866	521542	7012823	0.8	0.3	127.9	41.3	4.8	16.7	73
1176867	521581	7012853	1.4	0.3	23.4	53.7	4.7	16.8	73
1176868	521625	7012878	-0.5	0.2	23.2	50.9	3.2	17.6	78
1176869	521665	7012907	1.2	0.2	8.4	56.3	1.1	12.8	67
1176870	521712	7012924	1.4	0.2	9.8	42.3	1.3	11.7	56
1176871	521761	7012934	-0.5	-0.1	5.1	44.2	0.8	6.9	70
1176872	521811	7012946	4.2	-0.1	2.5	70.7	0.4	2.9	62
1176873	521860	7012946	1.7	-0.1	3.9	56.3	0.4	5.4	65
1176874	521910	7012945	0.9	-0.1	4.4	41.9	0.5	6	54
1176875	521959	7012949	3.1	-0.1	2.4	50.2	0.3	2.7	67
1176876	522009	7012953	1.8	0.1	4.7	51.4	0.5	6.7	51
1176877	522059	7012957	2	-0.1	4.8	45.1	0.7	5.4	52
1176878	522109	7012954	2.2	-0.1	4.4	46.6	0.5	5	52
1176879	522158	7012954	1.9	-0.1	2.4	59.3	1.1	3.6	70
1176880	522207	7012960	2.2	0.2	6.5	58	2.1	5.2	84
1176881	522256	7012950	2.1	0.1	9	45.8	1.4	6.8	56
1176882	522304	7012939	2.6	-0.1	6.1	47.4	0.5	6	53
1177881	514863	7011278	1.4	-0.1	7.5	20	0.9	27.4	49
1177882	514816	7011256	5.1	-0.1	8.5	40.5	0.5	8.6	56
1177883	514771	7011234	3.3	-0.1	6.6	29.2	0.7	10.5	53
1177884	514721	7011222	2.7	0.2	8.4	28.3	1.3	13.8	53
1177885	514673	7011202	1.8	-0.1	5.2	13.1	0.9	9.9	31
1177886	514624	7011185	5.7	-0.1	4.7	40.9	0.4	8	47
1177887	514578	7011166	2.1	-0.1	5.1	48.4	0.4	7.9	45
1177888	514531	7011146	2.9	-0.1	4.8	51.1	0.4	7	49
1177889	514484	7011123	4.3	-0.1	6.5	39.3	0.6	8	51
1177890	514440	7011098	2.8	-0.1	7.8	24.8	1.2	8.3	50
1177891	514397	7011073	1.1	-0.1	6.6	38.6	0.6	40.8	55
1177892	514351	7011052	2.3	-0.1	5.4	25.8	0.4	13.6	45

1177893	514310	7011022	5.2	0.1	5.2	18.1	0.8	16.5	31
1177894	514264	7011000	2.5	0.1	4.8	26.6	0.7	12.2	34
1177895	514219	7010975	1	0.1	6.7	20.3	1.3	9.6	47
1177896	514178	7010943	1.6	-0.1	6.2	23.2	0.7	9.9	46
1177897	514149	7010902	2.6	-0.1	6.5	22.7	0.9	10.4	46
1177898	514120	7010860	0.9	-0.1	6.7	22.5	0.8	10.7	44
1177899	514092	7010817	5.8	-0.1	6.2	17.9	0.9	12.3	44
1177900	514068	7010771	0.8	0.1	4.4	34.7	0.7	10.4	46
1182185	515346	7010605	2.8	-0.1	8.3	43.7	0.8	10.1	55
1182186	515325	7010559	1.6	0.1	5	23.9	0.8	8.1	55
1182187	515297	7010517	2.5	-0.1	6.6	41.2	0.7	9.1	54
1182188	515272	7010473	0.6	0.1	6	59	0.6	8.8	48
1182189	515246	7010430	1.8	-0.1	5.7	44.4	0.5	8.8	51
1182190	515218	7010388	2.2	0.1	6.9	71.2	0.6	8.6	58
1182191	515203	7010340	1.1	0.1	6.8	42.7	0.8	8.7	51
1182192	515203	7010340	1.5	0.1	6.8	43	0.7	7.9	52
1182193	515171	7010301	1.4	-0.1	8.8	32	0.7	9	51
1182194	515145	7010258	-0.5	-0.1	9.6	20.9	1.1	10.5	54
1182195	515131	7010209	-0.5	-0.1	4.2	20.5	0.7	13.7	53
1182196	515114	7010162	-0.5	-0.1	6.1	22.3	0.8	13.2	45
1182197	515099	7010114	-0.5	-0.1	3.8	14.2	0.8	7.7	32
1182198	515086	7010065	1.6	-0.1	8.5	23	0.8	10.6	50
1182199	515074	7010016	1.3	0.1	7.3	25.5	0.9	11.1	49
1182200	515059	7009967	0.8	-0.1	6.5	32.3	0.8	9.9	51
1182482	519020	7012645	-0.5	-0.1	5	15.1	0.9	15.3	29
1182483	519001	7012690	-0.5	-0.1	3.6	17.8	0.7	8.3	65
1182484	518982	7012737	2.5	-0.1	8	40.6	0.9	13.2	50
1182485	518944	7012831	0.5	-0.1	6.6	41.2	1	22.3	53
1182486	518961	7012783	-0.5	-0.1	2.3	120.5	0.3	7.3	69
1190099	521002	7012321	1	0.1	4	34.9	0.6	3.7	28

1190100	521042	7012291	1.6	0.1	5.7	28	0.9	7.1	42
1201051	520904	7015710	1.9	-0.1	7.1	27	0.8	6.7	49
1201052	520853	7015711	-0.5	-0.1	3.4	15.3	0.4	4.2	28
1201053	520853	7015711	-0.5	-0.1	3.3	15.5	0.4	4.2	28
1201054	520802	7015712	3	-0.1	6.5	25.3	0.7	7.4	45
1201055	520751	7015714	1.3	0.1	4	63.9	0.5	6.8	30
1201056	520700	7015716	6	-0.1	4.6	26.3	0.6	5.3	43
1201057	520651	7015717	1.6	-0.1	5.9	33.4	0.5	7	45
1201058	520601	7015718	6.2	-0.1	5.8	23.6	0.7	5.8	40
1201059	520551	7015723	2.1	-0.1	5.9	30.5	0.8	6	44
1201060	520500	7015722	2.9	-0.1	6.5	24.6	0.7	6.6	47
1201061	520450	7015719	4.1	-0.1	6.7	21.1	0.7	6.7	44
1201062	520400	7015707	1.6	-0.1	8	21.4	0.9	6.1	41
1201151	519324	7015178	1.4	-0.1	2.3	91.9	0.3	9.6	58
1201152	519275	7015163	2.1	-0.1	2.4	55.5	0.4	8.6	112
1201153	519226	7015147	2.8	-0.1	19.3	12.3	0.4	41.7	67
1201154	519179	7015132	0.8	-0.1	3.1	24.4	0.7	20.2	88
1201155	519130	7015117	7.5	0.3	9.2	17.2	2.4	73.6	92
1201156	519080	7015104	4.5	0.3	12.7	69.4	1.5	32.5	115
1201157	519029	7015110	0.8	-0.1	16.4	46.9	2.1	16	104
1201158	518977	7015114	1.9	-0.1	5.7	26.5	1.1	23.4	61
1201159	518977	7015114	2.8	-0.1	6.1	26.2	1.2	24.8	63
1201160	518925	7015118	1.4	0.1	4.9	33.4	1	15.9	62
1201161	518876	7015121	1.5	0.2	12.3	37.5	0.9	10.1	71
1201162	518825	7015127	2.3	0.2	0.9	85	0.2	11	76
1201163	518774	7015132	2.6	-0.1	1.8	80.1	0.2	14.3	74
1201164	518722	7015136	-0.5	-0.1	4.9	43	0.6	16.4	72
1201165	518672	7015141	1.1	-0.1	7.9	16.3	1.7	16.9	48
1201166	518622	7015153	0.9	-0.1	3.9	8.6	1.1	13.6	25
1201167	518581	7015180	1.5	-0.1	4.1	27.2	0.5	9.3	69

1201168	518537	7015207	0.9	-0.1	10	32.1	1	13.1	45
1201169	518493	7015234	1.3	-0.1	7.3	19.9	1	16.2	47
1201170	518453	7015260	2.1	0.1	5.2	20.8	1.4	19.9	38
1201171	518409	7015287	1.5	-0.1	7	26.9	1.2	24.4	49
1201172	518366	7015315	2.4	-0.1	6.4	18.9	0.9	13.1	47
1201173	518324	7015342	1.1	-0.1	5.7	20.6	1.2	19.9	44
1201174	518281	7015367	2	-0.1	3	29.9	0.4	7	46
1201175	518239	7015392	1.6	-0.1	2.8	69.5	0.5	12.7	78
1201176	518197	7015417	2.7	-0.1	3.4	42.5	0.2	3.5	64
1201177	518154	7015443	0.6	0.2	18	69.2	0.8	16.5	148
1201178	518110	7015469	2.4	0.2	155.5	57.9	5.3	23	321
1201179	518061	7015484	5	0.2	14.5	66.1	1.9	12.4	114
1201183	519689	7015468	0.7	0.1	10.3	19.6	0.8	27.7	49
1201184	519644	7015447	2.9	0.2	9.8	17.8	1	30.9	57
1201185	519608	7015413	1.1	0.3	18	28.7	0.8	40.5	94
1201186	519570	7015380	4	0.2	10.9	67.8	1.2	64.3	123
1201187	519529	7015345	2.5	0.1	4.7	40.4	0.9	17.4	66
1201188	519493	7015310	3.6	-0.1	4.7	30.3	3	40.5	61
1201251	520873	7015783	1.1	-0.1	7	16.8	1.3	9.7	52
1201252	520822	7015783	4.3	0.1	7	23	1.3	10.3	56
1201253	520784	7015817	2.8	-0.1	4	9.4	0.9	6.3	24
1201254	520742	7015846	3.4	-0.1	9.3	21.3	1.4	8.9	46
1201255	520700	7015874	2.1	-0.1	5.2	24.1	0.6	4.7	33
1201256	520666	7015912	2.1	-0.1	5	27	0.5	6	43
1201257	520625	7015944	2.6	0.1	4	19.5	1.1	5.9	29
1201258	520588	7015978	1	-0.1	-0.5	7.9	0.3	2.6	12
1201259	520539	7015993	1.9	-0.1	5.7	22.2	0.5	5.1	41
1201260	520493	7016016	1.3	-0.1	4.9	25.3	0.5	5.4	41
1201261	520451	7016041	2.5	-0.1	4.9	29.4	0.5	6.7	37
1201262	520404	7016059	1.5	-0.1	3.5	20.9	0.8	6.5	33

1201263	520357	7016078	2.2	-0.1	5.7	20	0.6	5.5	38
1201264	520307	7016088	1.1	-0.1	1.2	9.1	0.5	4.2	16
1201265	520266	7016117	1.5	-0.1	5.7	16	0.4	5	29
1201266	520235	7016156	1.6	-0.1	5.9	16.8	0.5	6.5	36
1201267	520188	7016175	2.6	-0.1	4.9	16.6	0.7	6	31
1201268	520145	7016202	0.6	-0.1	1.5	5.8	0.3	3	11
1201269	520098	7016222	-0.5	-0.1	5.3	14.6	0.7	5.6	37
1201270	520055	7016248	-0.5	-0.1	4.2	10.4	0.6	5.6	31
1201271	520005	7016257	1.1	-0.1	5	10.6	0.9	6.5	35
1201272	519962	7016283	2	-0.1	8.2	18.7	1	7.8	41
1201273	519920	7016310	1.7	-0.1	7.4	19.9	1	7.4	39
1201274	519876	7016335	3.2	-0.1	6.8	12.1	0.8	6.6	27
1201275	519828	7016349	3.6	-0.1	5	20.2	0.8	6.5	39
1201276	519784	7016376	-0.5	-0.1	5.1	12.6	0.5	4.6	65
1201277	519740	7016400	1.9	-0.1	7	16.9	0.9	8.1	35
1201278	519691	7016412	0.5	0.1	4.5	14.9	1	8.2	33
1201279	519691	7016412	2.5	0.1	5.6	16.1	1.3	9.4	35
1201280	519652	7016444	4.1	-0.1	5	27.5	0.8	8.3	39
1201281	519610	7016471	2.3	-0.1	8	42.8	0.9	10.6	48
1201282	519570	7016501	1.9	0.1	2	12.5	0.4	4.5	19
1201301	515544	7010957	1.5	-0.1	4.8	11.1	1.1	10.7	32
1201302	515494	7010949	1.5	-0.1	8.4	26.4	1	17.9	46
1201306	515445	7010968	2.5	-0.1	8.2	20.3	0.8	10.1	40
1201307	515399	7010990	1	-0.1	1	8.2	0.6	5	14
1201308	515307	7011030	1.3	-0.1	7.2	17.1	0.8	10.5	40
1201309	515260	7011049	2.1	0.2	4.5	29.3	0.7	11.7	36
1201310	515690	7010986	1.7	-0.1	3	12.5	0.6	19.5	18
1201311	515353	7011010	12.1	-0.1	4.2	14.3	0.7	10.1	30
1201312	519825	7015531	1.8	0.1	7.2	14.7	1	16	32
1201313	519779	7015509	1.2	0.2	11.5	13.3	1.4	20.6	35

1201314	519736	7015488	1.6	0.2	11.3	17.4	0.9	41.5	63
1201315	519871	7015550	-0.5	-0.1	10.4	20.5	0.7	17.6	36
1201316	515098	7011165	2.5	-0.1	7.6	26.6	0.8	11.3	43
1201317	515134	7011131	9.3	0.2	5.5	23	1.2	10.2	32
1201318	515173	7011099	0.7	-0.1	3	10.2	0.5	4.5	22
1201319	515215	7011071	21.9	-0.1	5.4	19.7	0.6	9.7	45
1201320	515592	7010966	-0.5	-0.1	2.1	8	0.5	6.3	16
1201321	515642	7010975	1	-0.1	0.5	6.2	0.3	2.5	9
1201322	515887	7011024	2.2	0.1	8.5	23.9	1.1	15.8	50
1201323	515838	7011013	3.4	0.3	9.1	41.7	1.4	20.9	46
1201324	515789	7011004	3.3	-0.1	4	34.2	0.5	32.8	44
1201325	515739	7010995	5.1	-0.1	4.8	19.7	0.7	21	25
1201326	515260	7011049	1	0.2	4.7	28.9	0.7	10.5	38
1201327	516285	7011065	2.4	0.2	6.6	20	0.9	13.8	35
1201328	516235	7011061	1.2	0.2	3.2	15.6	0.8	14.1	22
1201329	516186	7011057	5.5	-0.1	5.2	25.3	0.4	8.1	44
1201330	516136	7011053	2.7	-0.1	5.1	22.4	0.6	11.1	44
1201331	516086	7011048	2.2	0.3	2.8	18.1	0.6	7.2	20
1201332	516036	7011046	1.7	0.1	6.1	28.8	0.7	10.5	46
1201333	515985	7011041	3.3	-0.1	5.2	33.4	0.5	16.1	46
1201334	515936	7011033	3.6	-0.1	8	28.3	0.7	15.9	51
1201335	515030	7011537	2	-0.1	3.6	23	0.4	8.5	43
1201336	515001	7011494	2.1	-0.1	3.9	25.4	0.5	12.7	51
1201337	514972	7011453	2	-0.1	2.9	30.4	0.3	11.2	51
1201338	514943	7011413	5.5	-0.1	3.3	36	0.3	13	53
1201339	514914	7011372	3.9	-0.1	4.1	38.5	0.5	20.9	55
1201340	514859	7011356	2.1	-0.1	2.7	28	0.4	14.5	45
1201341	514906	7011341	1	-0.1	1	6.8	0.4	5.1	15
1201342	514942	7011305	1.7	-0.1	3.6	14.8	0.9	12.4	26
1201343	514974	7011268	2	-0.1	1.7	9.1	0.4	5.1	12

1201344	515013	7011236	3.8	-0.1	6	26.5	0.6	10.7	44
1201437	515599	7012821	1	-0.1	2.3	25.1	0.4	21.3	37
1201438	515608	7012870	2.8	0.2	3.8	66.9	0.8	13.9	74
1201439	515620	7012919	2.6	0.1	4.3	56.1	0.7	13.3	78
1201440	515630	7012967	2.7	0.1	4.3	78	1.3	13.1	71
1201441	515640	7013016	0.8	-0.1	2.2	36.7	0.4	7.5	46
1201442	515651	7013064	1.4	-0.1	1.8	47.2	0.3	2.8	45
1201443	515662	7013114	1.2	-0.1	3.4	27.8	0.4	5	42
1201444	515672	7013163	2.6	0.1	3.5	69.5	0.7	16	64
1201445	515684	7013213	4.1	-0.1	4	71.5	0.8	21.8	82
1201446	515686	7013264	-0.5	-0.1	3.1	27.8	0.4	19.6	41
1201447	515689	7013315	1.8	-0.1	9	45.8	1	11.3	50
1201448	515691	7013364	2.9	-0.1	4.7	38.7	0.5	8	44
1201449	515694	7013415	3.8	-0.1	3.1	38.1	0.3	8.3	54
1201450	515696	7013466	2.6	-0.1	4.5	42.3	0.5	20.3	72
1201471	515698	7013516	3.7	0.2	9.7	82.6	1.2	51.6	82
1201472	515702	7013568	4.2	0.1	7.1	56.6	0.9	44.5	79
1201473	515704	7013618	2.4	-0.1	3.7	43.4	0.6	14.7	63
1201474	515706	7013668	3.2	-0.1	8.9	20.3	1.2	118	196
1201475	515709	7013718	1	-0.1	9.7	17.2	1.2	42.3	37
1201476	515711	7013769	3.1	-0.1	3.3	9	0.7	39.4	24
1201477	515714	7013819	4	-0.1	8	28.1	1.1	23.5	39
1201478	515716	7013870	1.2	-0.1	22.7	17.1	1	25.2	32
1201479	515717	7013922	2.3	-0.1	12.6	39.9	0.8	13.5	45
1201480	515716	7013971	3.7	0.1	11.8	45.6	0.9	16.7	59
1201481	515716	7013971	2.5	0.1	12.2	50.3	0.7	18.1	58
1201482	515713	7014020	13.4	1.2	9.2	51.1	1.2	91.8	91
1201483	515712	7014071	2.4	0.1	5.8	32	2.1	26.3	82
1201484	515710	7014122	3.4	0.1	5.3	26.3	1.3	28.5	55
1201485	515708	7014173	2.7	0.1	9.3	35.6	1.6	30.3	41

1201486	515707	7014224	2.1	0.1	8.7	84.9	1.5	24.9	74
1201487	515705	7014275	2.4	0.2	8.4	136.3	1.6	46.8	91
1201488	515702	7014324	2.8	0.2	2.7	48.9	0.8	64.4	133
1201489	515701	7014374	4.7	0.2	6.6	82.3	1.5	31	65
1201490	519443	7015265	2.5	-0.1	4.7	36.5	0.7	15.7	55
1201491	519370	7015196	1.9	-0.1	4	60.9	0.5	8.2	60
1201492	519406	7015231	6.2	-0.1	21.8	50	0.9	15.2	118
1201493	515059	7011579	1.6	-0.1	4.1	23.6	0.5	8.2	46
1201494	515084	7011622	6.7	-0.1	3.7	28.6	0.6	11.3	56
1201495	515107	7011669	2	-0.1	3.7	27.1	0.3	10.8	49
1201496	515130	7011714	1.4	-0.1	5.3	22.8	0.7	12.2	61
1201497	515154	7011758	1.8	-0.1	4	17.4	0.4	8.9	55
1201498	515177	7011805	3.1	-0.1	3.7	19.3	0.4	9.6	51
1201499	515202	7011851	2.2	-0.1	4.3	22.4	0.5	8.7	45
1201500	515225	7011896	1.9	-0.1	7.1	24	0.7	10	53
1204002	516761	7011178	1	-0.1	4.2	16.4	0.4	6.6	39
1204003	516757	7011230	1.6	-0.1	5.3	23.5	0.5	7.1	47
1204004	516755	7011280	0.8	-0.1	2.2	15.6	0.2	3.7	19
1204005	516754	7011331	2.3	0.3	7.8	33.5	0.8	8.7	58
1204006	516752	7011380	1.7	0.1	1.3	22.4	0.5	5.1	21
1204007	516750	7011431	1.1	0.1	2.2	67.7	0.3	5.1	48
1204008	516748	7011480	3.5	-0.1	5.3	46.6	0.2	5.4	49
1204009	516748	7011532	1.2	-0.1	10.8	28.9	1.7	6.8	58
1204010	516745	7011581	2.1	-0.1	6	39.7	0.2	6.9	46
1204011	516744	7011631	3.6	-0.1	4.5	34.5	0.2	4.4	34
1204013	516741	7011681	3.7	-0.1	4.5	34.4	0.3	5.1	43
1204014	516738	7011731	2.4	-0.1	4.4	38.8	0.2	4.7	39
1204015	516737	7011781	2.1	-0.1	9.6	32.7	0.3	6.4	46
1204016	516735	7011830	2.2	0.1	5.4	54.5	0.4	6.2	51
1204017	516735	7011881	2.5	0.1	6.3	38.9	0.3	6	48

1204018	516732	7011933	1.2	-0.1	4.7	30.6	0.8	5.5	48
1204019	516721	7011979	2.1	0.2	10.4	38.7	1.5	7.7	63
1204020	516706	7012028	2	0.1	12.8	46.4	1.6	8.5	65
1204021	516695	7012077	1.7	0.1	7	31.6	1.1	6.9	51
1204023	516681	7012125	2.1	0.1	7	28.6	1	6.6	50
1204024	516670	7012173	2	0.1	9.8	30.6	1.5	7.4	50
1204025	516658	7012222	3	0.2	14.4	33.2	2.2	7	60
1204026	516646	7012270	4	0.2	11.2	27.9	1.5	7.5	61
1204027	516688	7012301	6.4	-0.1	6	28.3	0.6	6	48
1204028	516724	7012337	3.9	-0.1	6	18.9	0.6	5.9	43
1204029	516761	7012369	3.8	-0.1	6.2	20.4	0.9	5.6	60
1204030	516800	7012400	4.7	-0.1	6.6	29.2	0.5	6.8	52
1204031	516839	7012433	2.8	-0.1	6.8	30.3	0.4	5.8	46
1204032	516839	7012433	3.8	-0.1	8.2	32.7	0.6	6.9	54
1204033	516873	7012469	2.8	-0.1	7.3	31.9	0.5	7.1	54
1204034	516877	7012522	5.4	-0.1	6.5	32.5	0.6	6.7	49
1204035	516882	7012572	1.3	-0.1	4.4	18.2	0.7	6.9	44
1204036	516884	7012621	3.5	-0.1	7.6	30.6	0.4	6.7	55
1204037	516887	7012672	1.9	-0.1	5.6	29.9	0.6	6.6	50
1204038	516888	7012723	4	-0.1	5.9	25.7	0.4	6.2	48
1204039	516888	7012723	1.9	-0.1	6.8	32	0.5	7	53
1204040	520921	7015798	2.6	-0.1	9.1	19.5	1.4	10.3	55
1204041	515249	7011941	2.8	0.2	10.7	37.8	1.6	9.4	68
1204042	515268	7011988	3.1	-0.1	15.1	27.3	0.9	8.7	46
1204043	515286	7012036	2.1	-0.1	7.7	25.8	1.2	15.9	48
1204044	515302	7012085	1.7	-0.1	10.2	20.6	1.9	9.1	40
1204045	515323	7012132	2.1	-0.1	6	22.1	1	9.3	43
1204046	515337	7012179	3	-0.1	8.6	21.9	1.2	17.6	47
1204047	515354	7012227	3.4	-0.1	37.1	69.7	4.2	9.7	67
1204048	515372	7012275	2.8	-0.1	5.5	46.6	0.3	6.3	51

1204049	515088	7011170	1.3	-0.1	7	15.9	1.1	13	36
1204050	515051	7011203	2.1	-0.1	5.8	12.9	1	10.9	27
1204051	517981	7011683	7.2	0.2	41.1	58.4	6.1	10.5	82
1204052	517992	7011633	6.5	-0.1	8.8	78.2	0.8	7	59
1204053	518002	7011584	5.3	-0.1	10.4	69.8	0.9	6.2	50
1204054	518007	7011534	1	-0.1	4.3	25.6	0.7	6.4	45
1204055	518012	7011483	1.4	-0.1	5.5	22.6	0.7	5.9	38
1204056	518019	7011433	1.9	-0.1	4.5	15.5	1.1	7.2	32
1204057	518020	7011382	3.2	-0.1	6.8	28.9	0.9	6	38
1204058	518028	7011333	1.6	-0.1	4.6	39.4	0.5	4.5	37
1204059	518033	7011282	3.2	-0.1	6.9	26.9	1.1	7.5	36
1204060	518045	7011235	3	-0.1	5	23.1	1	7.2	40
1204061	518072	7011193	1.1	-0.1	4.4	14.9	1.2	6.8	46
1204062	518103	7011153	1.4	-0.1	3	26.9	0.7	4.2	43
1204063	518127	7011109	3.6	0.2	8.6	52	2.6	7.3	65
1204064	518157	7011068	4	0.3	20.2	61.1	5.4	9.7	94
1204065	518184	7011027	2.9	0.2	8.3	25.1	1.3	8.8	46
1204066	518213	7010986	2	-0.1	45.8	56.5	2	6.2	32
1204067	518241	7010945	4.5	0.2	13.6	53.1	1.1	6.6	28
1204068	518268	7010903	1	-0.1	9.3	40.3	0.7	5.2	69
1204069	518295	7010861	1.1	-0.1	7.6	22.1	1	6.6	42
1204070	518336	7010833	4.7	-0.1	105.6	62.3	1.2	5.3	92
1204071	518374	7010800	1.1	-0.1	11.2	34.3	0.8	6.4	53
1204073	518416	7010772	0.9	-0.1	10.2	41.8	1.5	8.2	50
1204074	518458	7010745	0.5	-0.1	6.4	26.5	1	6.7	52
1204075	518495	7010711	1.4	-0.1	8.2	24.6	1	7.1	47
1204076	518533	7010679	1.7	-0.1	8.4	32.4	0.7	6.4	36
1204077	518575	7010654	2.6	0.1	13	50.7	3.8	10.8	64
1204078	518621	7010635	3.5	0.1	12.1	41.6	1	6.8	50
1204079	518660	7010603	5.9	0.1	11.6	48.6	0.9	6.5	55

1204080	518705	7010583	5.4	0.1	8.6	35.6	0.8	6.6	47
1204081	518745	7010553	4.3	0.1	9.9	44.6	0.8	7.1	49
1204082	518781	7010518	6.6	0.2	8.1	35.4	1	6.5	50
1204083	518825	7010495	2.1	0.2	7.2	38.9	0.8	6.5	50
1204084	521508	7017364	1	-0.1	6.6	10.8	0.4	7.2	20
1204085	521489	7017318	2.3	-0.1	6.8	18.3	0.5	8.1	37
1204086	521466	7017274	-0.5	-0.1	1.8	7.1	0.6	3	15
1204087	515394	7012322	1.3	-0.1	3.7	31.2	0.6	5.7	61
1204088	515417	7012366	3	0.2	11.8	42.7	0.8	5.9	48
1204089	515439	7012413	1.8	-0.1	6.5	29	0.9	7.6	44
1204090	515462	7012458	6.1	0.8	23.1	66.4	4.5	9.9	120
1204091	515483	7012505	3.4	0.2	45.3	54	1.4	10.5	71
1204092	515507	7012549	2.7	0.2	22.6	46.8	2.3	10	64
1204093	515528	7012594	4.8	0.1	10.1	53.1	1.1	6	63
1204094	515543	7012643	0.9	-0.1	4.9	20.1	1	7	39
1204095	515559	7012691	2	-0.1	3.7	21.6	2.4	9.3	32
1204096	515575	7012740	2.5	-0.1	3.1	23.7	1	11.3	50
1204401	521446	7017229	1.1	-0.1	6.6	13.4	0.6	5	27
1204402	521426	7017183	1	-0.1	7.1	23.7	0.6	5.1	30
1204403	521406	7017138	6	-0.1	7.1	26.5	0.6	7	47
1204404	521389	7017091	-0.5	-0.1	6.8	18.9	1	6.9	39
1204405	521388	7017041	1.6	-0.1	6.5	19.7	0.6	6.1	38
1204406	521387	7016990	0.8	-0.1	8.7	17.7	1.1	8.1	49
1204407	521384	7016940	2.1	0.1	6.5	61.3	0.6	6.5	39
1204408	521385	7016890	4.2	-0.1	6.9	25.4	0.6	6.7	40
1204409	521385	7016840	1.4	0.1	8	12.3	1.2	18.8	27
1204410	521389	7016790	2.1	-0.1	7.2	20.4	0.6	14.6	44
1204411	521392	7016739	1.8	-0.1	3.7	10.4	0.7	12.4	21
1204412	521395	7016689	0.8	-0.1	27.6	13.2	0.8	36.4	34
1204413	521398	7016640	3.8	-0.1	7.7	27.8	0.5	10.3	46

1204414	521392	7016590	2.3	-0.1	7.7	29.1	0.6	12.7	36
1204415	521388	7016540	-0.5	-0.1	6.1	7.4	1.1	17.3	28
1204416	521383	7016491	1.2	-0.1	2	6.6	0.5	3.8	20
1204417	521380	7016441	4.6	-0.1	9.6	28.6	0.7	14.7	44
1204418	521364	7016393	3.5	-0.1	6.5	11.7	0.9	19.4	45
1204419	521351	7016345	0.7	-0.1	4.9	15.4	0.4	15.4	41
1204420	521331	7016299	2.7	-0.1	6.5	27.3	0.5	17.4	48
1204421	521319	7016250	2.4	-0.1	8.7	24.2	0.8	11.2	44
1204422	521303	7016203	1.1	-0.1	12	16.6	0.8	47.2	36
1204423	521287	7016155	3	0.3	9.8	30.3	1.5	36.5	46
1204424	521270	7016109	2.1	-0.1	7.6	21.3	0.9	23.4	54
1204425	521253	7016061	-0.5	-0.1	6.4	15.2	0.7	35.5	36
1204426	521234	7016014	0.5	-0.1	5.6	15.3	0.5	35.8	32
1204427	521213	7015970	-0.5	-0.1	7.5	11.4	0.7	10.8	21
1204428	521180	7015934	-0.5	-0.1	8.4	17.4	1.5	12.9	42
1204429	521180	7015934	1.5	-0.1	7.7	15.4	1.7	13.3	39
1204430	521180	7015934	0.6	-0.1	8.4	16.1	1.8	12	41
1204431	521139	7015906	2.5	-0.1	8.4	26.8	0.6	5.5	46
1204437	520350	7015696	1.5	-0.1	6.8	34.6	0.8	5.3	58
1204438	520301	7015683	4	-0.1	16.5	37.1	0.8	5.9	49
1204439	520251	7015672	1	-0.1	7.8	37.9	0.8	5	50
1204440	520202	7015660	1	-0.1	7.9	32.7	1.1	7.3	58
1204441	520104	7015640	3	-0.1	21.7	22.6	0.7	12.9	45
1204442	520153	7015648	6.1	-0.1	10.1	26	0.7	8.7	52
1204443	520057	7015626	1.9	-0.1	11.9	24.7	1.2	12.9	48
1204444	520008	7015610	5.3	-0.1	11.6	16	1	18.2	47
1204445	519963	7015589	3.5	-0.1	15.3	31.8	0.7	16.3	46
1204446	519917	7015570	1.1	0.1	10.1	29.8	1	30.5	110