CHINA COAL RESOURCES PTY LTD

ABN: 89 148 842 531

TASMANIA

WILMOT PROJECT

EXPLORATION LICENCES: EL55/2007

4th ANNUAL TECHNICAL REPORT

NO. CCR 06/12

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Copies

1. Department of Mineral Resources, Tasmania 1 copy

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1. Summary

During the third year of tenure for EL 55/2007 (Wilmot Project) China Coal Geology Engineering Corporation (China Coal) progressed field work on targets generated from a technical review in the previous reporting period.

This work was augmented during the current reporting period with a statistical analysis of previous geochemical data. This work generated three targets from previous drainage geochemical surveys. Two of these targets were followed up by geological reconnaissance which subsequently led to the implementation a soil sampling programme over the area of interest.

The soil sampling programme resulted in the definition of strong, cohesive, co-incident and unclosed multi-element base metal anomalies in both areas which warrant further work.

2. Introduction

China Coal's main targets on the project tenements are Cambrian age Rosebery or Hellyer type, Zn-Pb-Cu-Au-rich VHMS mineralisation hosted by the Mount Read Volcanics (MRV). Additional targets are epigenetic Sn-W- Mo vein and skarn style mineralisation such as typified by the Moina deposit, associated with Devonian granite emplacement.

The tenement is the subject of a joint venture between the tenement holder, China Coal Resources Pty. Ltd. and China Coal Geology Engineering Corporation. The project is being undertaken by China Coal Geological Special Technical Exploration Centre under the supervision of the China Coal Geology Engineering Bureau

The project area was previously explored by Zinifex under EL's 18/2005, 17/2005 and 16/2005. The current EL was granted to ASF Resources on the 23/07/2007 and ownership details changed to China Coal Resources in 2011.

3. Location and Access

The Wilmot Project is located approximately 20km south west of Devonport and access to the tenement is via sealed and gravel roads which head in a southerly direction from Devonport. The project is bisected by the Wilmot and Forth Rivers and is adjacent to the Leven Gorge (Figures 1 & 2).

The tenure is centered on the locality of Wilmot, extending north to Preston and Central Castra; west past Nietta towards Loongana; and east through Roland and West Kentish to Sheffield. The area is well serviced by roads.

Figure 3: Location of E.L. 55/2007

The project area has a cool temperate, maritime climate, with a summer average temperature of 21° C and a winter average temperature of 12°C.

The area is close to Leven valley a altitudes ranging from 70m ASL to 890m ASL. Approximately 10-20% in the project area is covered by forest. The Block 1 is of moderate relief. The highest elevation is 430m ASL and the lowest 220mASLl. Block 2 has lower east and higher west topography.

4. Tenure

The Wilmot Project comprises one granted exploration licence (Table 1) which was granted to ASF Resources on the 23/07/2007.

Table 1 Tenement Register

Tenement	Area (km2)	Grant Date	Final Date	Expenditure Commitment
EL55/2007	148.9	5/06/2008	23/07/2013	$375,000

On the 26th April 2010 China Coal Geology Engineering Corporation (China Coal) entered into a conditional cooperative agreement with ASF Resources for the exploration of EL55/2007. China Coal is responsible for funding and operating the exploration programs and will spend approximately $1.6M subject to Chinese Government approval.

For the purposes of reporting, the tenement is referred to in two parts as Block 1 and Block 11.

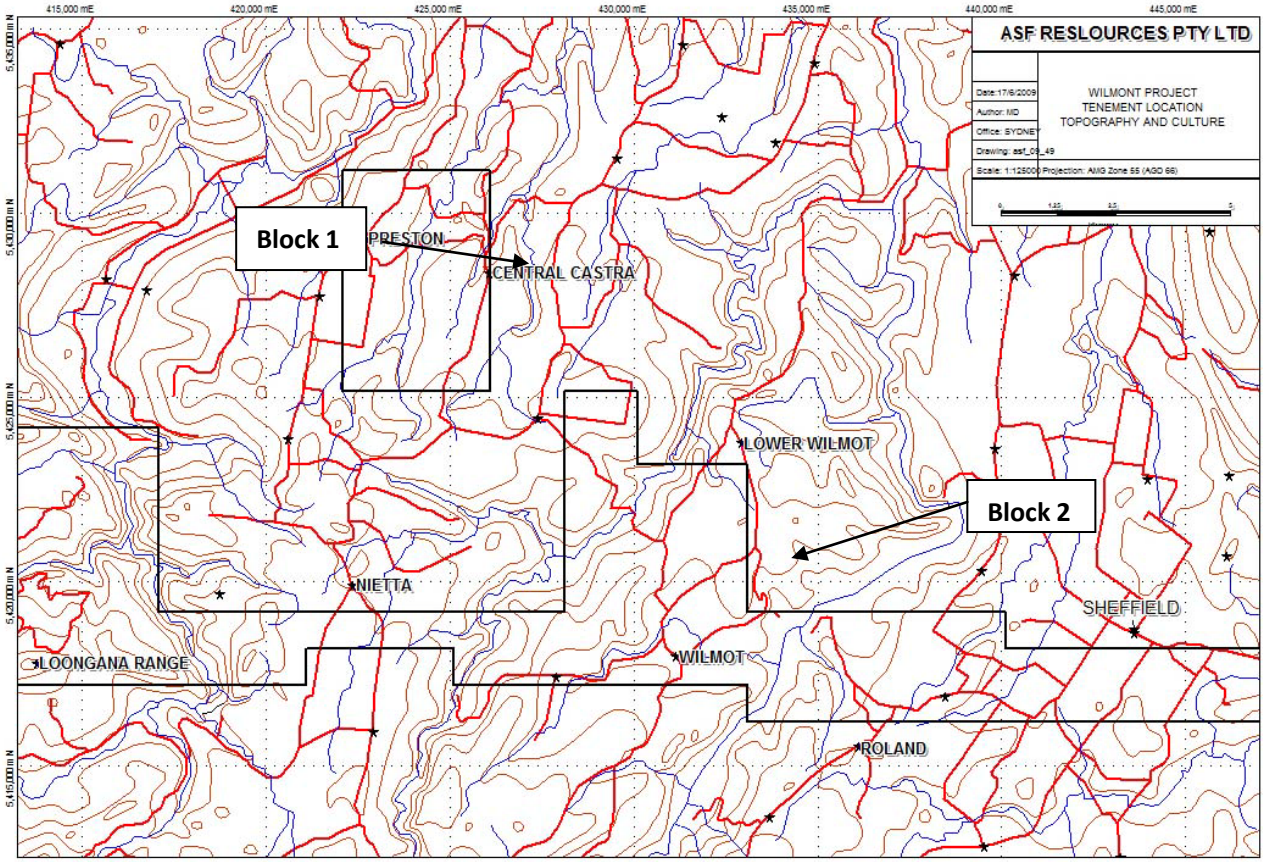

Figure 4: Detailed Location of E.L.55/2007

5. Regional Geology and Mineralisation

5.1 Regional Geology

The regional geological framework of the Mt Read Belt (MRB) is subdivided, from an exploration perspective, into three elements. The central MRB covering the area of outcrop from south of Queenstown to north of Hellyer, the northern MRB covering the area from Back Bluff eastwards through Gowrie Park and Mole Creek, and the Southern MRB comprising areas west and south of Macquarie Harbour. The project tenements are in the east-central part of the northern MRB.

Basement in the Central and Northern MRB is of Precambrian age, comprising predominantly greenschist facies metasediments with minor basalts and dolerites. Higher grade amphibolite and eclogite facies are also present within the Precambrian. This Precambrian basement, termed the Tyennan Block, lies to the south of the project tenements.

Cambrian volcanism and sedimentation developed on the Precambrian continental crust and, in the Central MRB, is subdivided into the Neo-Cambrian Tholeiitic Crimson Creek Formation (CCF), the mid to late Cambrian Dundas Group and the predominantly calcalkaline, Mt Read Volcanics (MRV).The CCF was deposited in shallow but rapidly subsiding basins comprising basaltic lavas and volcaniclastics, turbidites, carbonates, chert and minor evaporites. This formation is not exposed in the licence area. Ultramafic cumulates and volcanic equivalents were thrust onto the CCF in the mid Cambrian. They are absent from the licence area.

The MRV, in the Central MRB, form a 200 km long by 20 km wide north-south trending belt along the eastern side of the Dundas Trough, adjacent to and in some areas on-lapping and intruding the Precambrian basement. The northern extension of the MRV swings eastwards around the northern margin of the Tyennan Precambrian block. The volcanics include intermediate to felsic lavas, subvolcanic porphyries and granites, volcaniclastics and basement-derived sedimentary rocks. The MRV host five economically significant volcanic hosted massive sulphide deposits all of which lie in the Central MRB.

During late CVC to early Tyndall Group time, Cambrian granitoids intruded the volcanic pile. The majority of the granitoids locate occur along the eastern margin of the volcanics and stitch the volcanics to the Tyennan Block. Cambrian

volcanism and sedimentation was followed by predominantly basement derived late Cambrian to Devonian age sedimentation, including siliciclastic conglomerate, sandstone and limestone. These sequences occur within, and peripheral to, the project area.

At least two phases of regional compression were associated with the mid Devonian Tabberabberan Orogeny. The development of folding, cleavage and regional thrusts in lower Paleozoic rocks were associated with this event. Fold trends in the licence area are variable, some NW, and lesser E-W.

Deformation was followed by the extensive intrusion of Devonian to Carboniferous granitoids of batholitic proportions. The Dolcoath Granite (and associated hornfels aureole) outcrops south of the licence, and the Housetop Granite outcrops across a large area to the northwest of the project tenements. The Devonian granites are associated with carbonate replacement Sn mineralisation at Renison Bell and Mount Bischoff, and the Pb-Zn-Ag vein deposits of Zeehan and possibly the Tullah Fields. A similar setting may be interpreted for the base metal vein deposits in the district (eg. Round Hill workings).

The Ordovician and older rocks in the far eastern part of the licence are unconformably overlain by marine sediments, including tillite, forming the basal units of the Permian Parmeener Supergroup. Small bodies of Jurassic dolerite intrude the Permian sediments and older rocks.

After substantial erosion of this terrain, extensive Tertiary flood basalts and subvolcanic sediments were deposited. Basalt flows cover as much as 50% of the project area. In the Quaternary, talus deposits have developed on the lower slopes of Mt Roland and alluvial deposits have formed in the valley of major rivers.

5.2 Regional Mineralisation

The rocks of the Dundas Trough are host to significant polymetallic (Pb,Zn,Cu,Sn,Ag,Au) mineralisation including:

- Mt Lyell – 311Mt @ 0.97%Cu and 0.31g/t Au
- Rosebery – 34.03Mt @ 13.8%Zn, 4.1%Pb, 0.57%Cu, 143g/t Ag and 2.2g/t Au
- Hellyer – 16.5Mt @ 13.9%Zn, 7.2%Pb, 169g/t Ag and 2.55g/t Au

Mineralisation can be broadly classified into two associations.

1. Base metal and gold mineralisation related to volcanogenic processes associated with the emplacement of the MRV rocks, particularly the CVS, during the middle to late Cambrian.
2. Epigenetic Zn, Cu, Sn, Pb and Ag mineralisation associated with the intrusion of the Devonian Granites.

While it is generally accepted that the polymetallic mineralisation in the MRV is volcanogenic in nature, this has been questioned on the basis of observations that much of this mineralisation (eg Rosebery, Hercules) was emplaced subsequent to the main cleavage forming event and controlled by the interplay of cleavage and bedding in pure shear zones associated with carbonate altered lithologies (Dr. M. Tomkinson per.com. C.Swensson). If true then this model implies that lithologies in such settings outside the CVS may be prospective. Prior exploration has concentrated on the CVS based on a volcanogenic model. The Henty Fault, reactivated during the Tyennan Orogeny tends to divide mineralisation of a Zn-Pb-Cu-Au volcanogenic association to the NW of the fault from a Cu-Au-Fe association to the SE of the fault. The Henty gold mine (2.83Mt @ 12.5g/t Au) is unusual for the region, being a gold only deposit located within the Henty Fault. The Devonian granites have mineralized a broad range of lithologies, generally close to and within the contact aureoles of the batholiths. Mineralisation is represented by simple high angle veins (Pb, Ag, Zn, Sn), skarn (Zn, Sn) and replacement bodies (Sn) which have resulted in some significant deposits such as Renison Bell (24.54Mt @ 1.41%Sn), Mt. Bischoff (10.54Mt @ 1.1%Sn) and Ocean (2.6Mt @7.7%Pb, 2.5%Zn, 55g/t Ag). The larger granite related deposits tend to be associated with reactive and or replaceable host rocks, usually carbonates.

6. Previous Exploration

Records indicate that EL tenure in these areas has been varied, with exploration for base metals starting in the 1960's, with current philosophies and methods being employed since the mid 1970's. Previous tenement holders were Zinifex Rosebery Mine, with EL 16/2005 Sheffield, EL 17/2005 Nietta and EL 18/2005 Central Castra. Following completion of an exploration programme from September 2005 until December 2006, sections of the tenements were relinquished, these forming the subsequently granted EL 55/2007.

Prior to the Zinifex tenure, a number of other companies have held EL's in this area, with varying degrees of overlap with EL 55/2007.

7. Exploration Conducted

In the current reporting period a more detailed geological understanding of the tenement area was achieved through reconnaissance geological traversing and an analysis of available airborne magnetic data. In addition a statistical review of previous geochemical data was undertaken to gain an understanding of background and anomalous values for various elements and to determine if there were obvious anomalies which warranted follow up.

As a result of this latter work, two areas were selected for detailed soil sampling in both Blocks 1 and 2. A total of 425 soil samples were taken over two grids each of 0.9km^2 in area with highly encouraging results being returned.

7.1 Review and Interpretation of Geology and Geophysics

The available geology and airborne magnetic data was reviewed and followed up with reconnaissance traversing to provide a more detailed understanding of the geology and potential mineralising controls in the tenement area.

Cambrian and Tertiary lithologies dominate the area of Block 1. Cambrian rocks typically consisting of coarse greywacke and sandstone-siltstones tend to crop out where the Tertiary basalts have been cut through by north trending drainages such as the West Gawler River between Preston and Central Castra. Cambrian -Ordovician siliceous conglomerate and course to fine sandstone are present in the SW corner of the block. The Tertiary tholeiitic basalt flows tend to occupy the interfluves of the present drainage and may occupy pre-Tertiary paleo-valleys. The Cambrian - Ordovician rocks form a tight anticline-syncline with an NNE axial direction with the axial plane dipping NNW at 50-60^0. Faulting in the area is dominantly NW. There are no intrusive rocks present in Block 1.

In Block 2 similar Cambrian and Cambrian - Ordovician rocks are present, although Tertiary basalt obscures these sequences on the interfluves of the Forth and Wilmot Rivers. There is a higher component of felsic volcanics and fragmentals in the Cambrian sequence in the eastern part of Block2. Ordovician rocks tend to comprise purple-pink to white fine to medium grained sandstones. As with Block 1, faulting has a dominant NW direction and there are no intrusive rocks present in the tenement area.

The airborne magnetic pattern is dominated by high positive anomalies reflecting the distribution of the Tertiary basalts superimposed on the low weak positive anomaly background characteristic in the area.

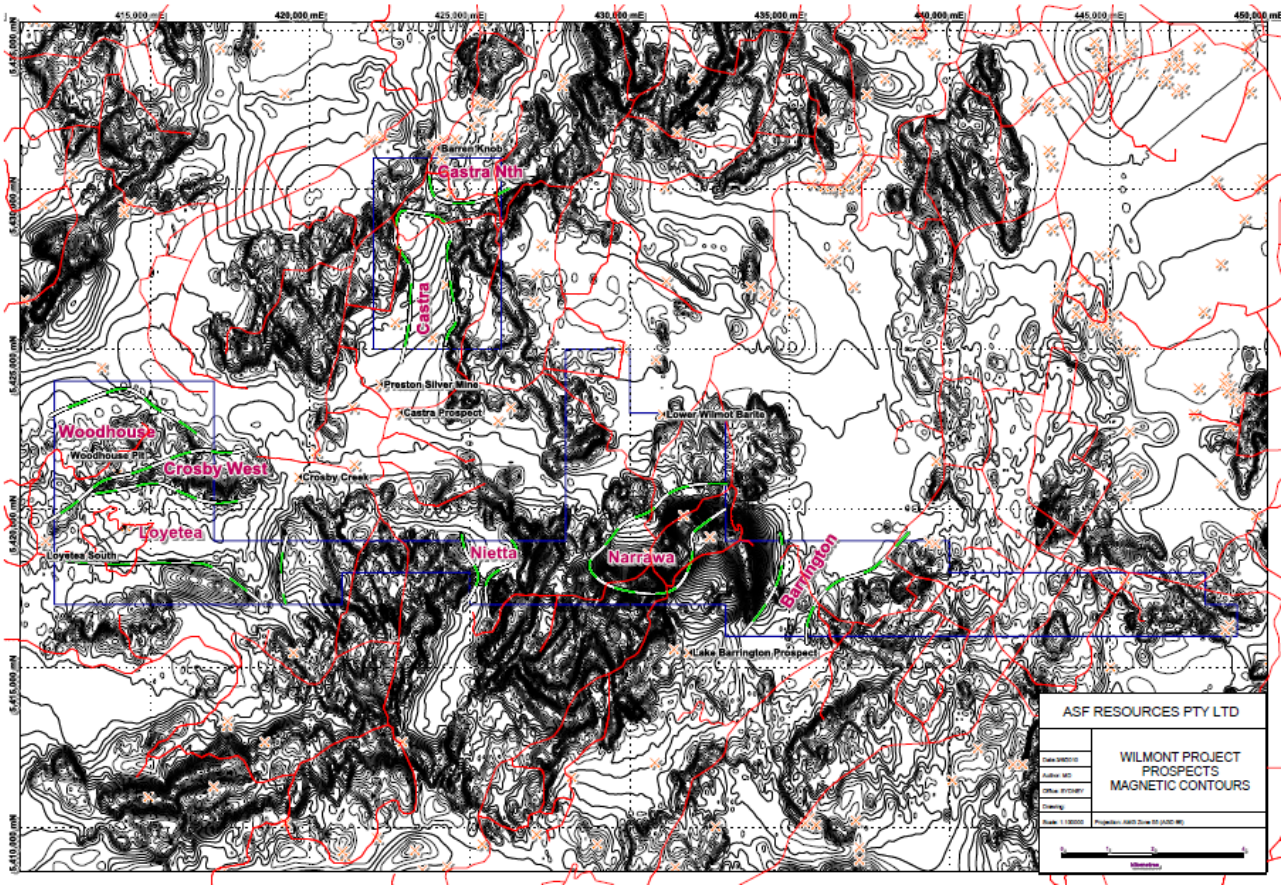

Figure 3: Regional Contoured Aerial Magnetic Image

7.2 Statistical Analysis and Interpretation of Historical Geochemical Data

Historical stream sediment data was tabulated and subjected to statistical treatment. The objective of this study was to determine background and threshold levels for various elements, to determine if any element associations could be delineated and to determine if these were any untested anomalies in the data base. The data is presented in Tables 2 and 3 below:

Table 2 Concentration Clarke value of stream sediment samples

Element	Sample quantity	Element average content (ppm)	Clarke value	First Concentration Clarke value (C1)
Cu	2615	20.47	63	0.325
Zn	2416	67.91	94	0.722
Pb	2554	28.83	12	2.403
W	537	11.98	1.1	10.889
Mo	491	0.84	1.3	0.648
Sn	493	22.28	1.7	13.107
Ag	971	0.80	0.08	10
Au	134	0.757	4	0.189

First Concentration Clarke Values are considered high for Pb, W, Sn, Ag (>1). The coefficient of variation analysis (Table 3) indicates that the variation between Cu, Pb, Zn, W, Ag is strong. This implies the elements are not distributed evenly which is considered a good attribute for detecting mineralisation.

Table 3 Stream sediment element variation coefficient (CV)

Element	Element content average(X)	Survey district element standard deviation(S)	survey district element variation coefficient(CV)
Cu	20.47	15.18	0.742
Zn	67.91	51.214	0.754
Pb	28.83	17.666	0.613
W	11.98	6.550	0.547
Mo	0.84	0.303	0.359
Sn	22.28		
Ag	0.80	0.531	0.664
Au	0.757		

The steam sediment data analysis resulted in the identification of three anomalous areas: a W, Sn, Mo anomaly in the west of the area, a Zn, Cu, Pb, Ag, Au anomaly in

the central west and a Zn, Cu, Pb anomaly in the central east of the tenements (figs 4-6). The characteristics of the three anomalies are summarised as follows:

1. Cu-Zn Anomaly in Area I

The Cu-Zn Anomaly in Area I is the north extension of the Cu-Pb-Zn-Ag-Au anomalous area in the west-central area (fig. 4). The Zn anomaly trends NE and is distributed in the northwestern corner of the area. The trend of the northeastern end of the anomaly is consistent with the EW trend of the outcrop. The anomaly extends outside of the area to the NE and SW. The center of the Anomaly is located outside of the area. The anomaly delineated under the anomaly threshold of 170ppm Zn is 3000m long and 200-1000m wide in the area. The maximum anomaly value is over 300ppm Zn. The anomaly is co-incident with the distribution of the Cambrian calc-alkaline volcanics.

The Cu anomaly occurs in the east of the area and trends NW-EW. The anomaly is defined above the threshold of 53ppm Cu and is 3000m long and 600-1200m wide. The maximum anomaly value is 65ppm Cu. The main body of the anomaly locates over the Tertiary basalt.

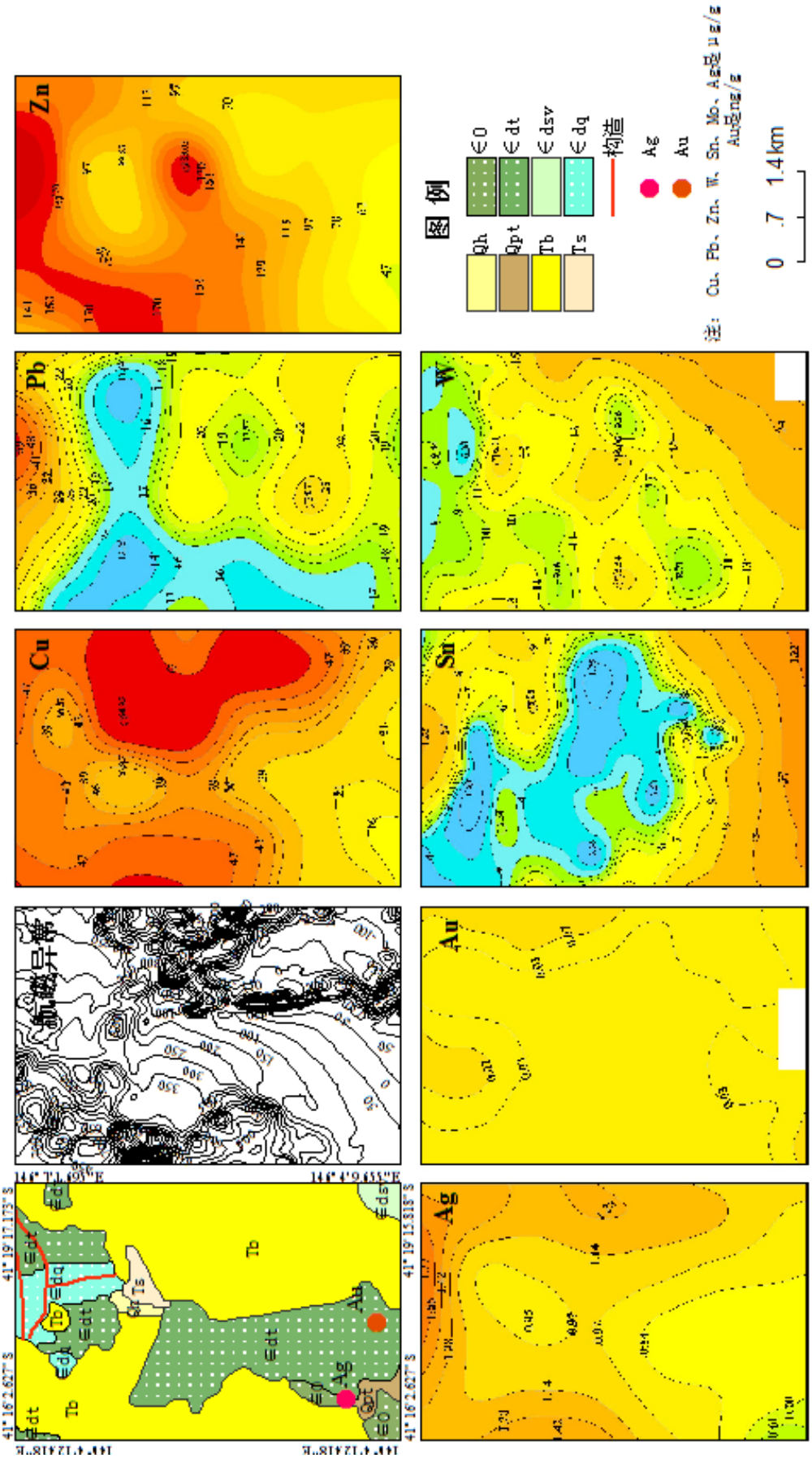

Figure 4a: Profile Chart of the Cu-Zn Geochemical Anomaly in Area I

2. W-Zn-Pb Anomaly in the west of Area II

This anomaly is also a part of the Cu-Pb-Zn-Ag-Au anomalous area in the west-central area. It is loctated in the west of Area II and composed of one Zn Anomaly, two Pb anomalies and one W anomaly (fig. 5).

The Zn anomaly has an ovoid trend to the NE. The anomaly is defined above a threshold of 170ppm Zn and is 3500m long and 2000m wide. The maximum anomaly value is 347ppm Zn. The anomaly locates within is Cambrian calc-alkaline volcanics.

The two Pb anomalies are both oval in shape and trend SN. The anomaly threshold is 64ppm Pb. One Pb anomaly is co-incident with the Zn Anomaly. The maximum anomaly value is 89ppm Pb. The other Pb anomaly is greater in extent it is located outside the area. Generally the anomaly trends EW with two SN trending concentration centers. The anomaly is 4000m long and 3000-4000m wide. The maximum anomaly value is 347ppm Pb.

The W anomaly is oval-shaped and generally trends NW with the center located at the northwestern end of the oval. The anomaly is defined above the threshold of 25ppm W and is 5000m long and 3000m wide. The maximum anomaly value is 273ppm W. The outcrop is Cambrian acid volcanics.

3. W-Zn-Pb Anomaly in the west of Area II

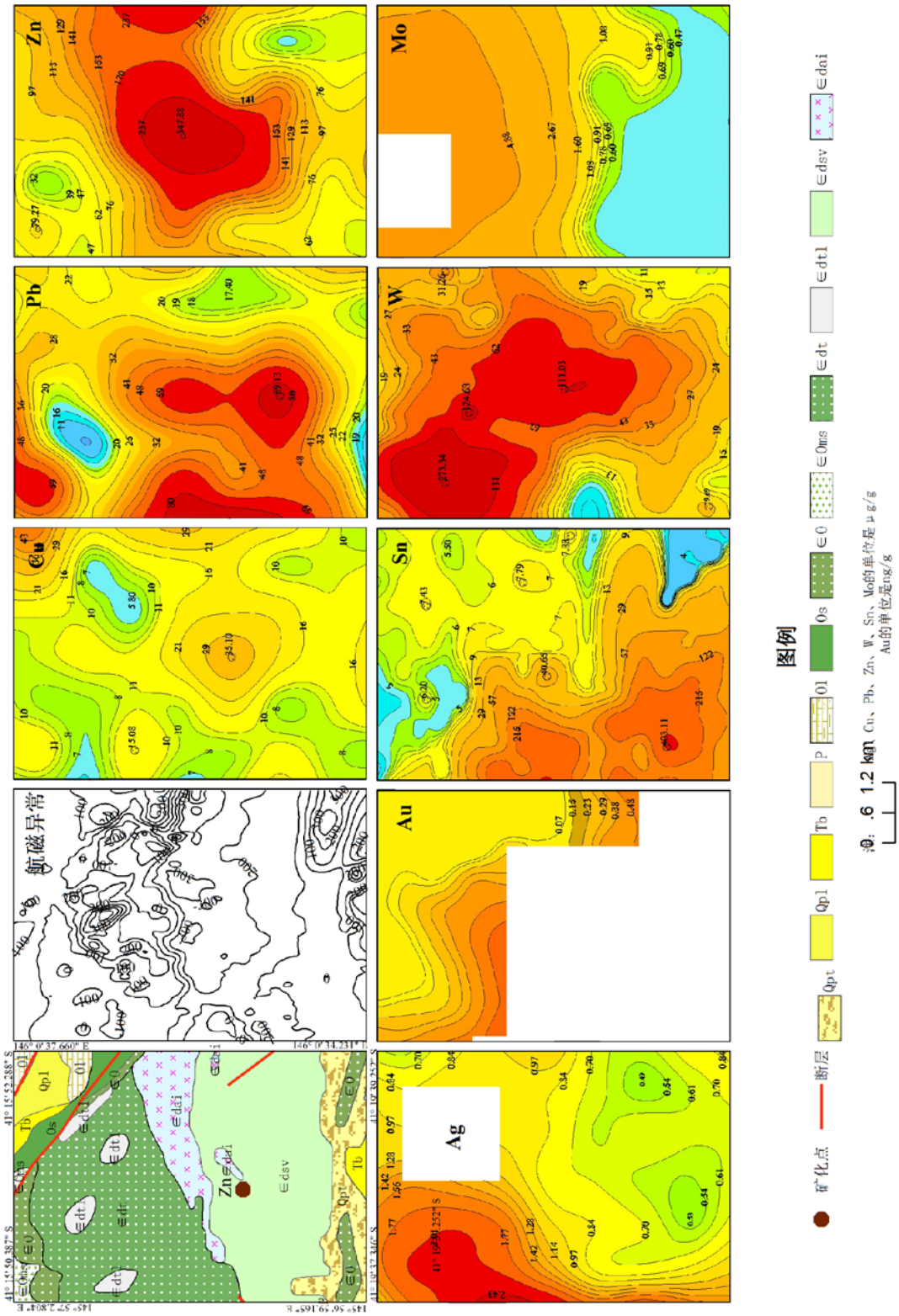

Figure 5: Profile Chart of the AS1 Anomaly in Area II

4. The No. AS2 Cu-Zn Anomaly in the central part of Area II

   The Anomaly is a part of the Cu -Zn-Pb Anomaly Belt in the central-east part of the area (fig 6). The Cu Anomaly has three concentration centers which are mainly distributed in the Tertiary basalt distribution area. The formation of the Anomaly shows they are controlled by the NE and SN trending structures. In which the largest one is approximately round with a diameter of about 2000m. The maximum anomaly value is 129ppm Cu.

   The Zn Anomaly has two concentration centers in which the one with larger scale is controlled by the EW, NW and NE trending structures and is sub-triangular. Spatially, the anomaly is consistent with a small scaled Cu Anomaly. The Anomaly is 2500m long and 2000m wide. The concentration center is located in the Cambrian volcanic. The maximum anomaly value is 287.93ppm Zn.

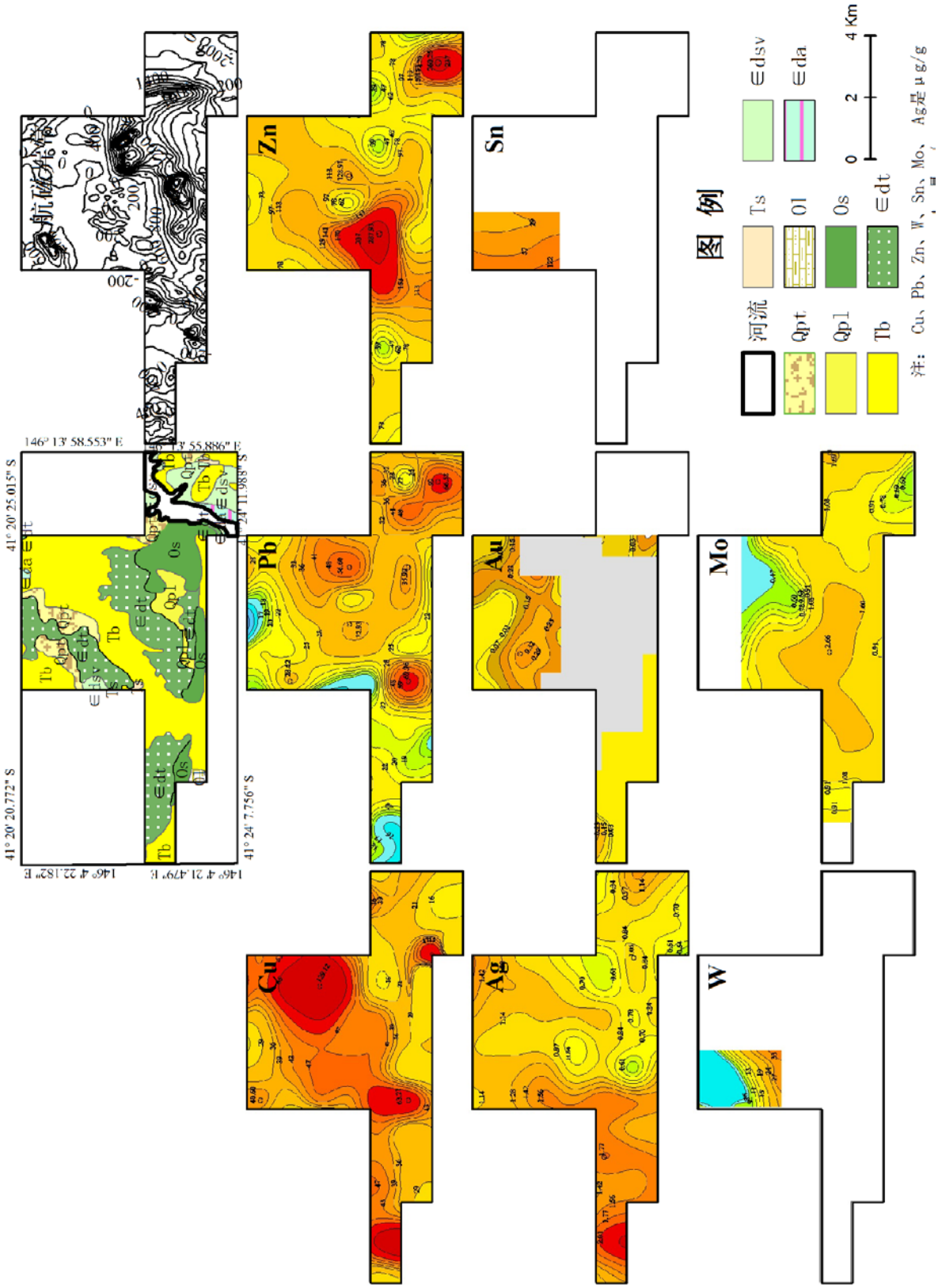

Figure 6: Profile Chart of the AS2 Anomaly in Area II

7.3 Geochemical Soil Sampling Programme.

Two soil sampling grids of 0.9km^2 each were established, located in Blocks 1 and 2 as shown in figure 2. The co-ordinates are given in Table 4. The areas were selected for sampling on the basis of the analysis of historic data described above. In Block 1, Anomaly 2 was selected for follow up and in Block 2 the Cu, Pb, Zn anomaly of Anomaly 3 was followed up. Soil samples were collected on a 100mx50m grid from depths of 40-100cm. The samples material was not sieved. The samples were assayed for Au, Hg, Zn, Ag, As, Cu, Mo, Pb, Sn and W by AlS Laboratories with the assay methodology and data presented in Appendix 3. In total 425 soil samples and 3 rock samples were collected from the programme.

Table 4. Co-ordinates of the Soil Sampling Grids

	Block 1 Co-ordinates	Block 2 Co-ordinates
1	424246，5431000	428311，5418662
2	424246，5429830	428311，5417950
3	425000，5429830	429564，5417950
4	425000，5431000	429564，5418662

7.3.1 Results of the Soil Sampling Programme Block 1

The soil grid targeted a Cu-Zn stream sediment anomaly identified in the southern section of an anomalous Cu, Zn, Pb, Ag, Au drainage in the west central part of Block 1. Sampling was conducted on lines spaced 100x50m on a N-S oriented grid. The results for Cu, Zn and Pb are shown in figures 7-9.

The three elements delineate a robust co-incident soil anomaly with a general N-S trend at levels of >100ppm Cu, >200ppmZn and >100ppm Pb The lead and zinc anomalies are closed locally to the south of the grid but all three elements appear to be open to the north. Lead tends to have a more restricted footprint with the central anomaly being approximately 600mmx 150m. The Copper and Zn anomalies display a much broader pattern and are in excess of 100m long.

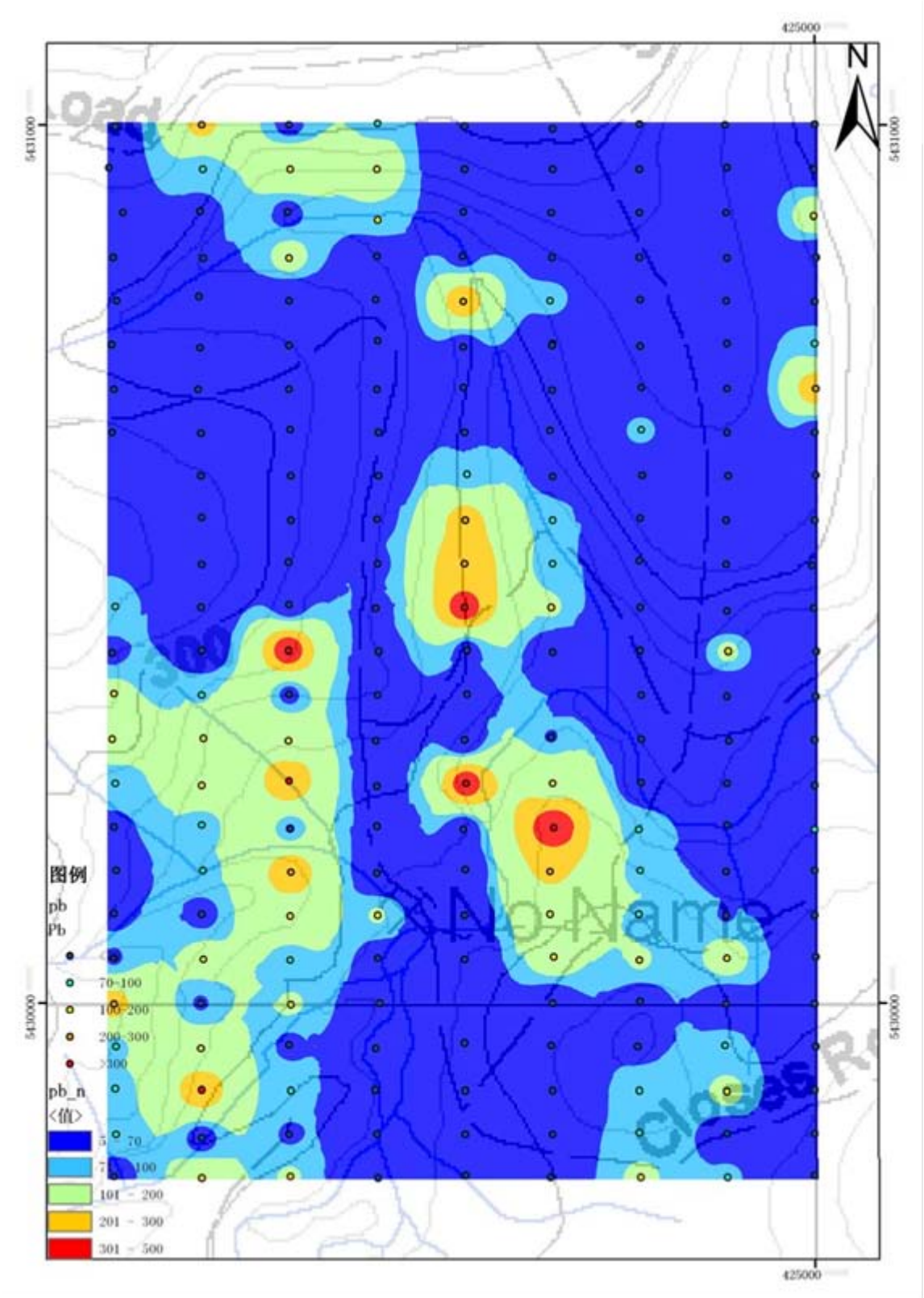

Figure 7: Countoured Soil Geochemical Data for Pb – Block 1

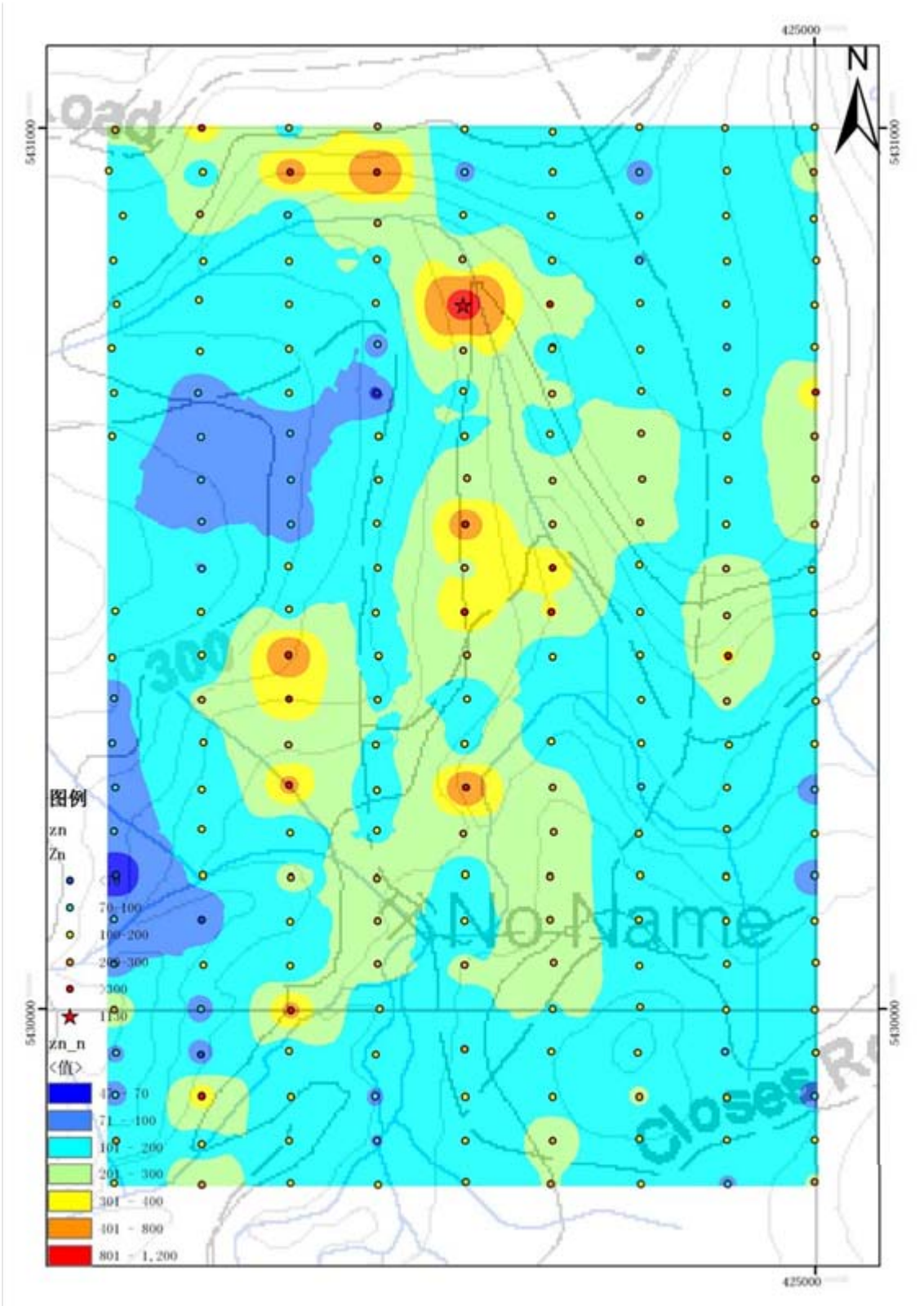

Figure 8: Countoured Soil Geochemical Data for Zn – Block 1

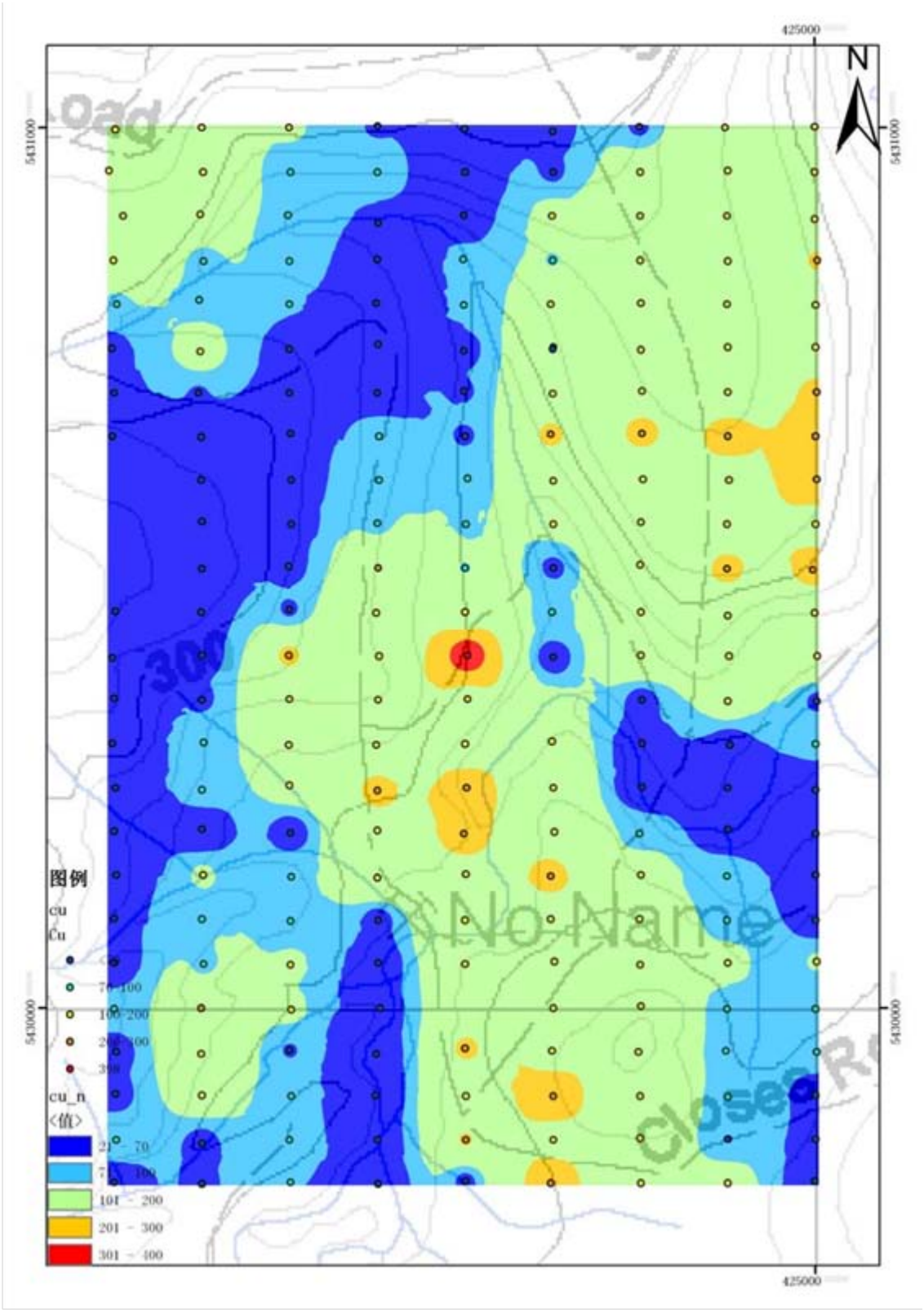

Figure 9: Countoured Soil Geochemical Data for Cu – Block 1

7.3.2 Results of the Soil Sampling Programme Block 2

Sampling methodology for the Block 2 grid was as described above. Figures 10-15 show geochemical contours for Au, Cu, Pb, Zn, Mo and W respectively. In general, with the exception of Au, the elements describe a strong, cohesive and generally co-incident soil anomaly with an E-W to SW-NE trend. The zone of anomalism overall is at least 1100m x 400m and is unclosed on the grid. As one may expect the more mobile Zn and Cu exhibit the broadest anomalies. Gold contours at the 5ppb level as two restricted areas near the center of the grid with a maximum value of 21ppb Au. Lead tends to be restricted to the central eastern portion of the grid and is open to the east. Table 5 below summarises the characteristics of the anomaly suite.

Table 5 Characteristics of the Block 2 Au, Cu, Zn, Pb, Mo, W Anomaly

Element	Area(m)	Level	Maximum Value
Au	300x200	5ppb	21ppb
Cu	1200x400	100ppm	408ppm
Zn	100x400	100ppm	622ppm
Pb	600x150	70ppm	479ppm
Mo	1100x300	3ppm	88ppm
W	1100x200	4ppm	45ppm

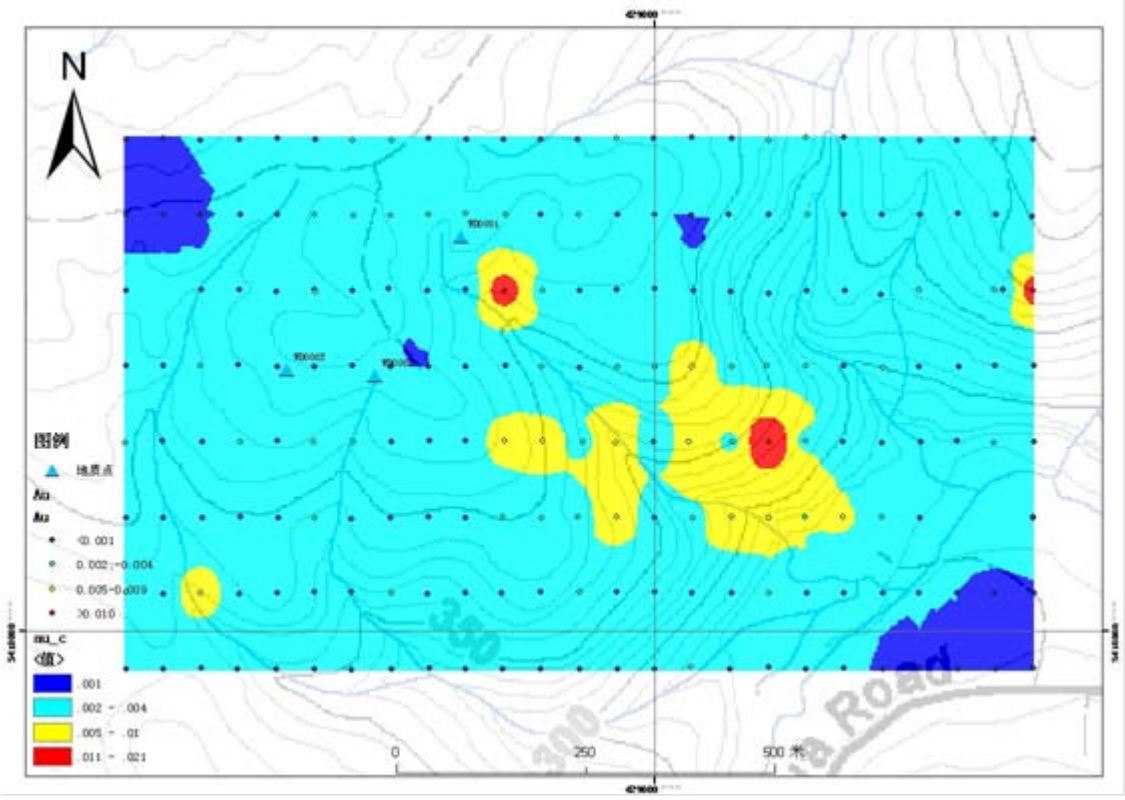

Figure 10: Countoured Soil Geochemical Data for Au – Block 2

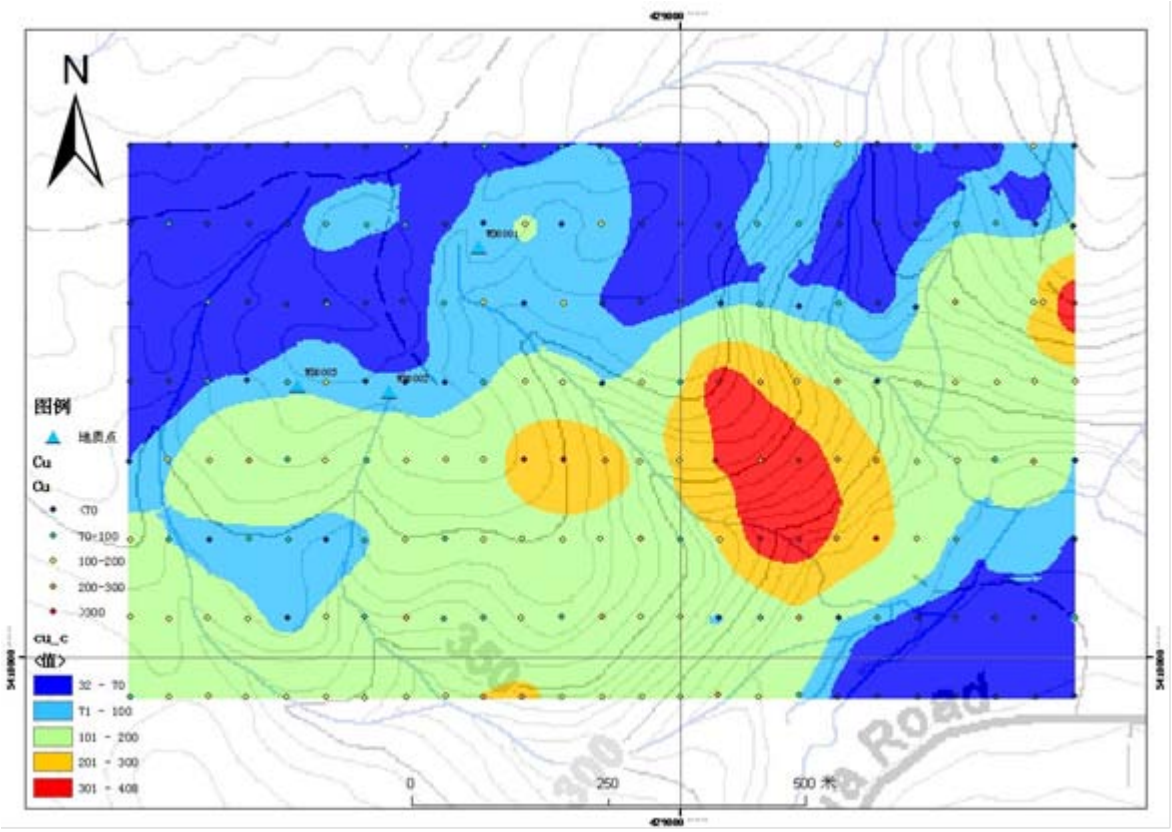

Figure 11: Countoured Soil Geochemical Data for Cu – Block 2

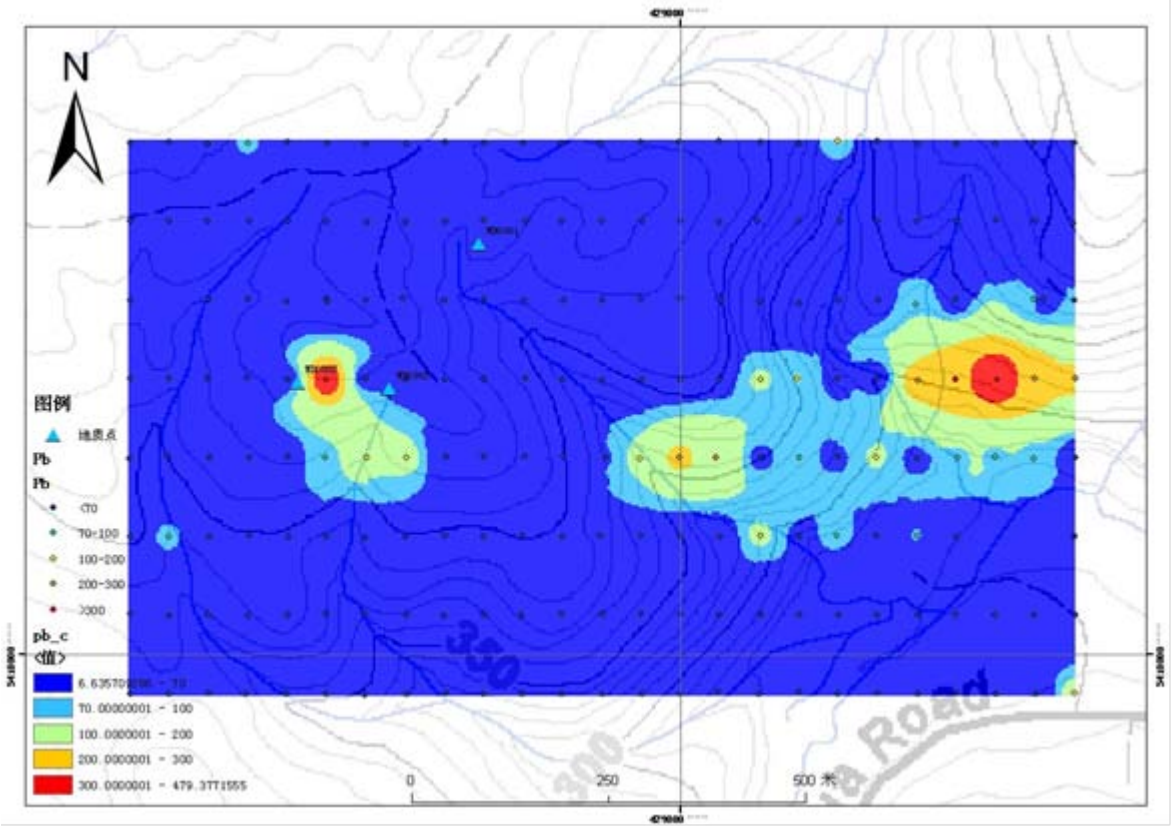

Figure 12: Countoured Soil Geochemical Data for Pb – Block 2

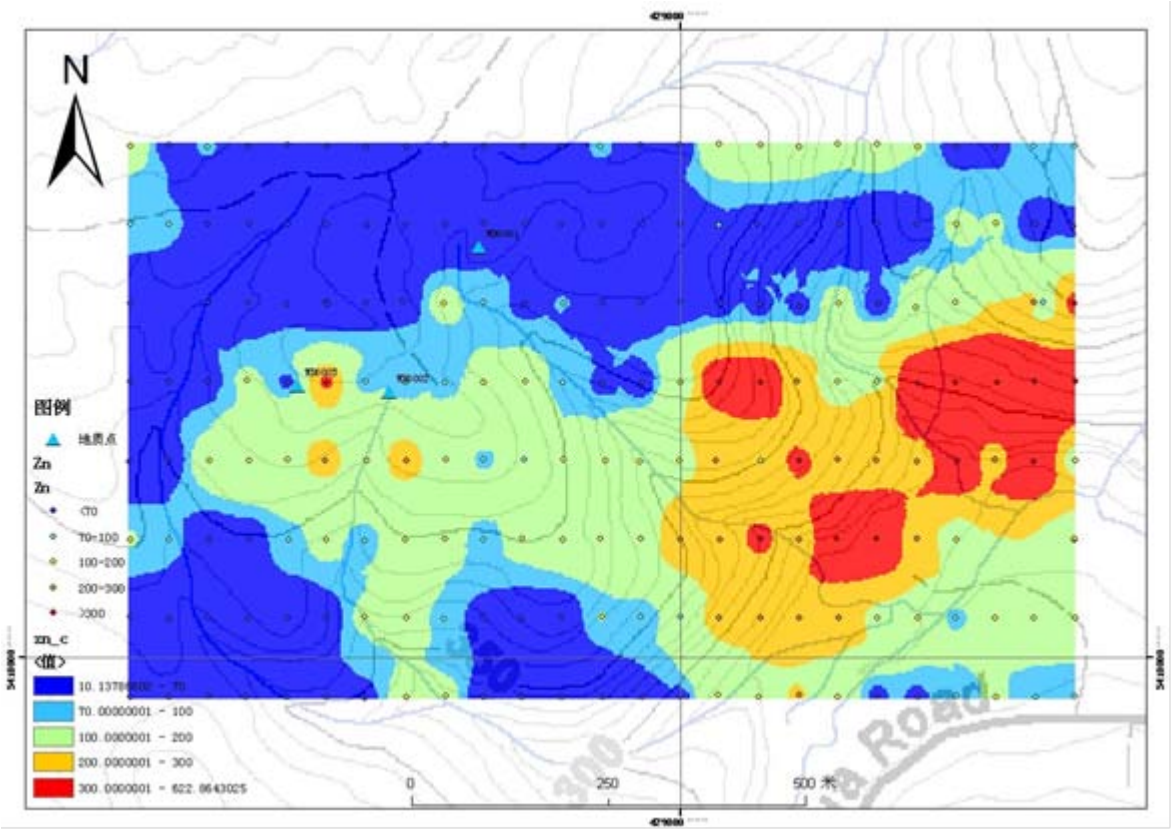

Figure 13: Countoured Soil Geochemical Data for Zn – Block 2

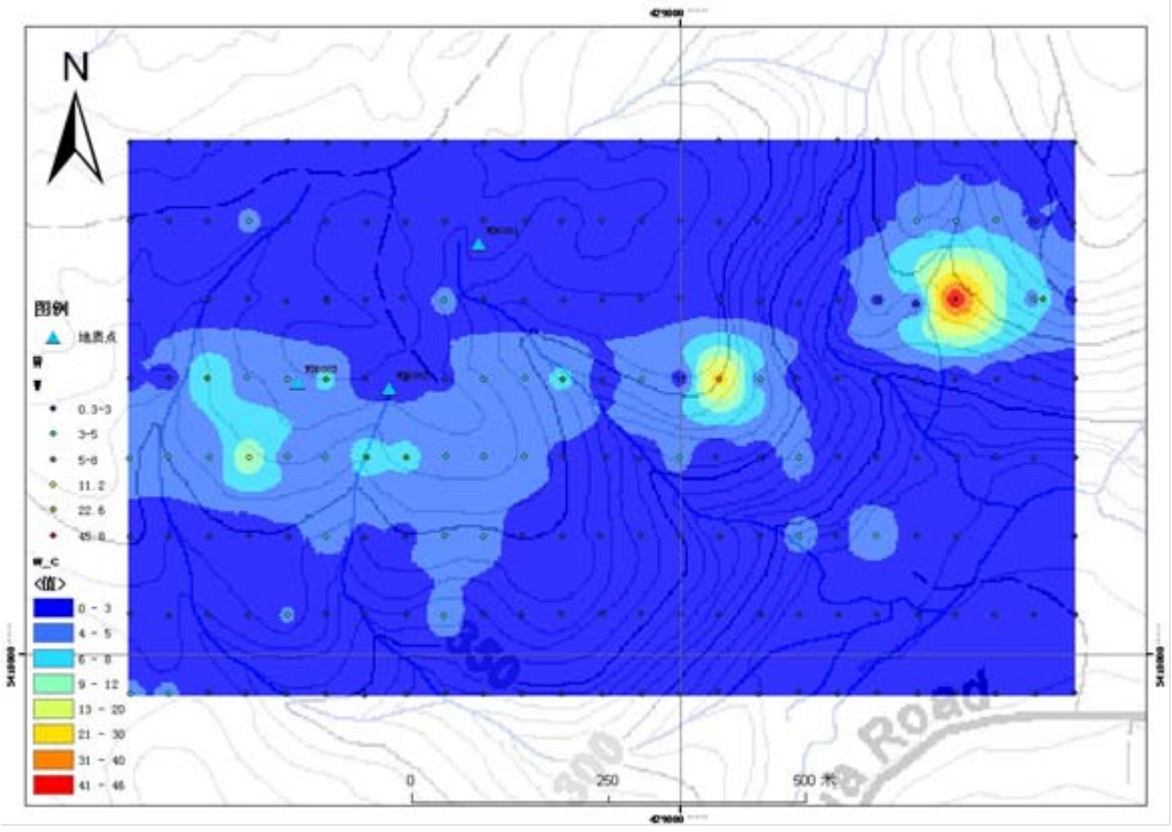

Figure 14: Countoured Soil Geochemical Data for W – Block 2

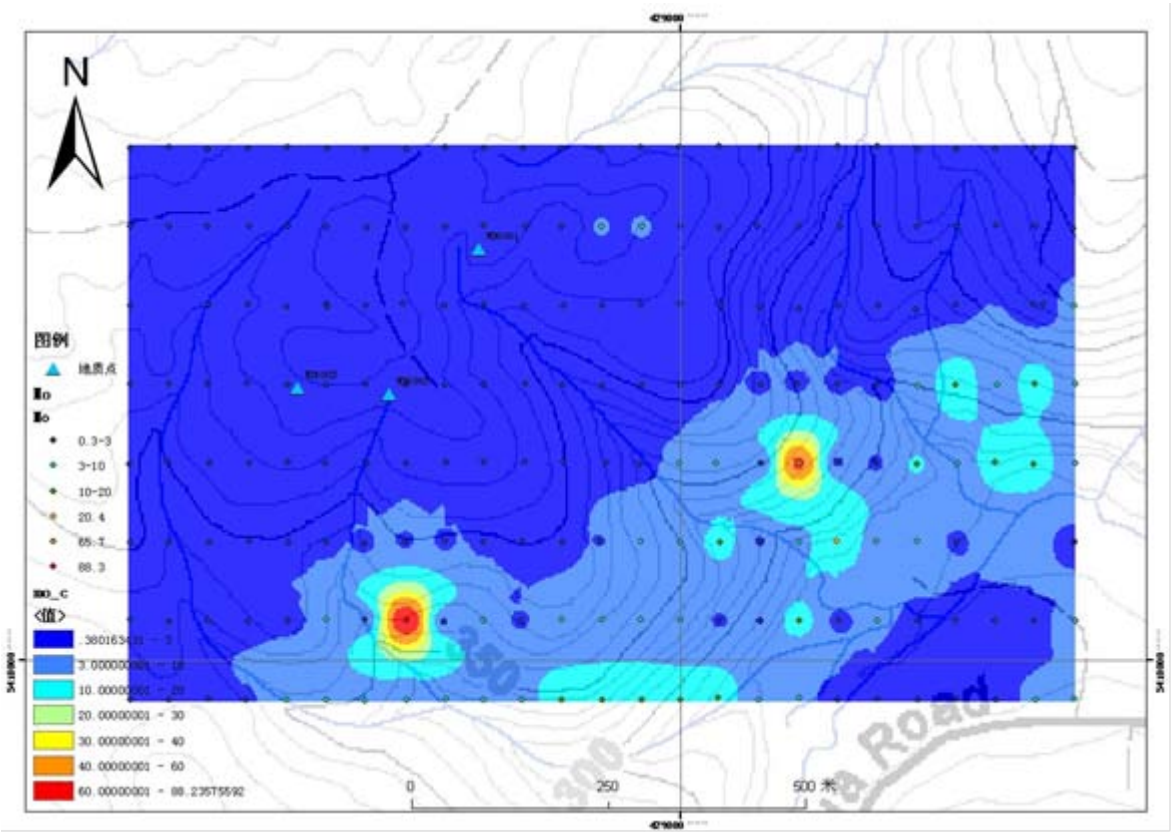

Figure 15: Countoured Soil Geochemical Data for Mo– Block 2

The Block 2 soil anomaly is located within Cambrian volcanics and locates along the margin of a strong WSW trending magnetic feature (figure 16) which may also represent a structural break. The tenor, extent and close correlation of the element suite and possible structural control, make the anomaly a very attractive future drill target.

In addition to the soil sampling in Block 2, two areas of geological interest were rock chip sampled. At geological observation point WD001 (428744, 5418522) a fault breccia in siltstone was sampled. The fault has a strike of 205^0 and a dip of 80^0. The fault breccia is cemented by silica and iron oxides. The sample returned 182ppm Zn. The strike of the fault has a generally similar attitude as the strike of the soil anomalies described above.

In the same area, at point WD003 (428514, 5418345), an occurrence of siliceous hematite with earthy iron oxides was sampled. The silica is manifest as 1-2cm veins with fine grained pyrite. The sample returned 721ppm Zn and 471ppm Pb.

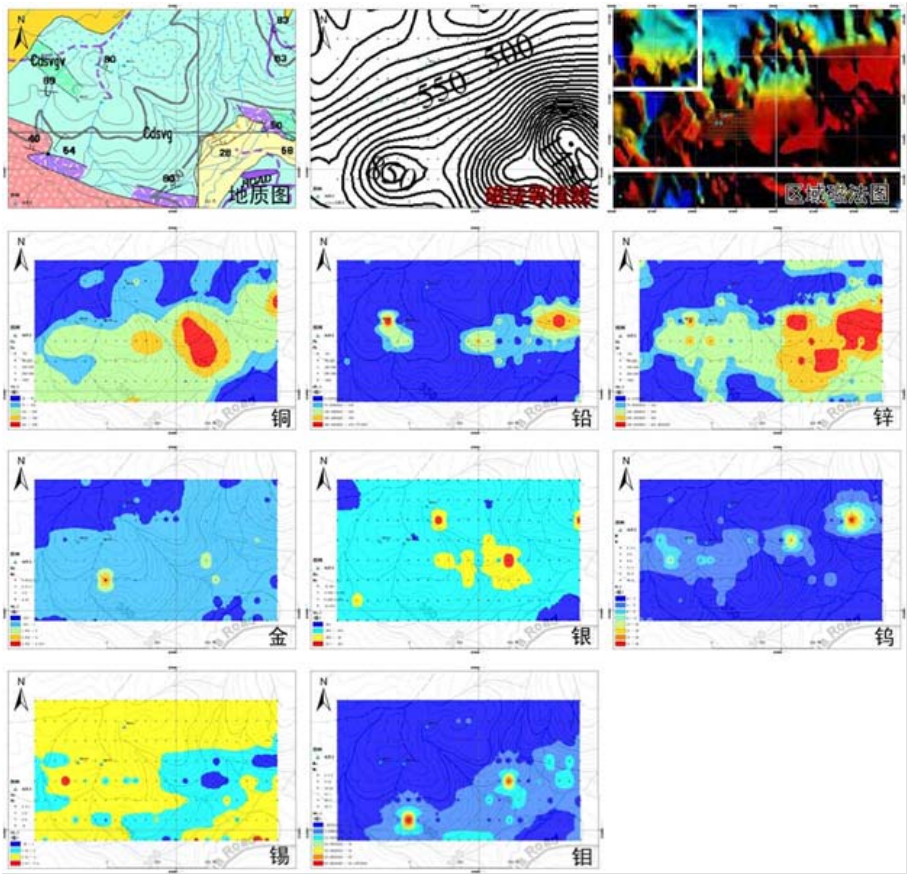

Figure 16: Summary of Geochemical Anomalies – Block 2

8. Conclusions and Recommendations

Field work during the reporting period has resulted in the definition of two robust soil geochemical anomalies. The anomalies are unclosed and represent excellent base metal targets which warrant further work.

It is recommended that the geochemical grid be extended in Blocks 1 and 2 to close off the anomalies identified this field season. This work should be augmented by pitting and trenching to provide detailed geological observations and geological mapping at a scale of 1:5000. Depending on the results, further assessment by drilling should be planned.

9. Expenditure

The annual expenditure incurred for EL 14/2007 for the year ending 06th June 2012 is detailed below:

Summary Sheet on Expense Items of Geological Survey

（Year 2011）

No. of the work program: Duration: April, 2011 to December, 2011

Expense Item	(AUD)	Remarks
	Total	
Party A		3
Total Expenditure	48,989.45	
1.Expenditure for Workers	23,931.29	
2. Office Expenses		
3. Printing Expenses		
3.1. Report Printing		
3.2. Other Printing		
4. House Rent and Utilities	1,562.01	
4.1. Gas Fees	9.68	
4.2. Electricity Charge	340.17	
4.3. Wood	23.60	
4.4. House Rent	1,188.56	
5. Communication Expenses	276.75	
6. Transportation	3,940.58	
6.1. Rents	3,067.80	
6.2. Fuel Cost	668.13	
6.3. Maintenance Cost	175.37	
6.4. Toll Fee	20.48	
6.5 Insurance Expenses	8.80	
7. Travelling Expenses	1,823.48	
7.1. Air Tickets	606.80	
7.2. Accommodation	681.09	
7.3. Meal	475.73	
7.4. Transportation	59.86	
8. Conference Expenses		
8.1. Design Review		
8.2. Result Inspection		
8.3. Seminar		
9. Training Expenses	520.00	
9.1. Organize Training	520.00	
9.2. Attend Training		
10. Special Materials and Fuel Cost	1,922.55	
10.1. Geological Supplies	1,457.95	
10.2. Office Supplies	464.61	
10.3. Low Value Consumables		

10.4. Technical Data		
10.5. Special Fuel Cost		
11. Consulting and Service Fee	4,405.67	
11.1. Design Review	2,661.07	
11.2. Result Inspection		

11.3. Temporary Employees		
11.4. Employees for Field Work	1,744.60	
12. Fees for Entrusted Business	9,693.76	
12.1. Test Fee	3,502.80	
12.2. Attorney Fee	6,163.60	
12.3. Translation Fee	27.36	
12.4. Collaborative Research		
12.5. Software Development		
13. Equipment Purchase Expense		
13.1. Special Equipment Purchase		
13.2. Special Equipment Trial-manufacture		
13.3. Special Software Purchase		
14. Maintenance Fee		
15. Others	913.37	
15.1. Land Compensation Fee		
(1)Temporary Facilitie Construction and Demolition		
(2)Temporary Land Occupation		
(3)Young Crops and Tree Compensation		
15.2. Physical Examination Fees		
15.3. Medical Care Expenses	13.71	
15.4. Insurance Expenses	396.99	
15.5. Business Tax	469.52	

Prepared by: Xu Kun

Appendix 1

Soil Sampling Data Base

Wilmot North

RON GREGORY PROSPECTING - WILMOT NORTH SOIL SAMPLING - AUG-SEPT 2011												
SAMPLE	Sample	Actual		line	date	no. of samples	quality of sample		depth	colour	colour	comments
NUMBER	ID	mga_east	mga_nth		sampled	in line	wet	dry	in mm's			
52501	1	424201	5430998	1	22/08/2011	22		x	750	red	brown	no quartz
52502	2	424194	5430952	1	22/08/2011	22		x	600	red	brown	no quartz
52503	3	424210	5430900	1	22/08/2011	22		x	400	red	brown	no quartz
52504	4	424199	5430850	1	22/08/2011	22		x	200		brown	no quartz
52505	5	424203	5430800	1	22/08/2011	22		x	400		brown	no quartz
52506	6	424197	5430750	1	22/08/2011	22	x		300		brown	no quartz
52507	7	424200	5430699	1	22/08/2011	22		x	400		brown	no quartz
52508	8	424198	5430650	1	22/08/2011	22		x	300		brown	no quartz
52509	#	N/S	N/S	1	PRIVATE PROPERTY	22	NO SAMPLE - WHITE GRAVEL STANDARD SUBSTITUTED					
52510	#	N/S	N/S	1	PRIVATE PROPERTY	22	NO SAMPLE - WHITE GRAVEL STANDARD SUBSTITUTED					
52511	#	N/S	N/S	1	PRIVATE PROPERTY	22	NO SAMPLE - WHITE GRAVEL STANDARD SUBSTITUTED					
52512	9	424201	5430451	1	1/09/2011	22		x	450		dark brown	no quartz
52513	10	424198	5430398	1	1/09/2011	22		x	550		dark brown	no quartz
52514	11	424200	5430352	1	1/09/2011	22		x	350		brown	no quartz
52515	12	424198	5430301	1	1/09/2011	22		x	550		brown	no quartz
52516	13	424201	5430250	1	1/09/2011	22		x	300		brown	no quartz
52517	14	424200	5430201	1	1/09/2011	22		x	350		light brown	no quartz
52518	15	424202	5430151	1	1/09/2011	22		x	400		brown	no quartz
52519	16	424200	5430102	1	1/09/2011	22		x	300		brown	quartz
52520	17	424200	5430051	1	1/09/2011	22		x	300		light brown	no quartz

52521	18	424200	5429999	1	1/09/2011	22		x	450		light brown	no quartz
52522	19	424202	5429950	1	1/09/2011	22		x	300	orange	brown	no quartz
52523	20	424201	5429902	1	1/09/2011	22		x	300		dark brown	no quartz
52524	21	424202	5429850	1	1/09/2011	22		x	300	red	brown	no quartz
52525	22	424200	5459801	1	1/09/2011	22		x	300	orange	brown	no quartz
52526	23	424300	5431000	2	22/08/2011	25		x	500		brown	no quartz
52527	24	424301	5430950	2	22/08/2011	25		x	400		brown	no quartz
52528	25	424298	5430902	2	22/08/2011	25		x	300		brown	no quartz
52529	26	424302	5430849	2	22/08/2011	25		x	500		brown	no quartz
52530	27	424297	5430805	2	22/08/2011	25		x	500	red	brown	no quartz
52531	28	424298	5430746	2	22/08/2011	25		x	800	red	brown	no quartz
52532	29	424296	5430699	2	22/08/2011	25		x	800	red	brown	no quartz
52533	30	424299	5430649	2	22/08/2011	25		x	400	red	brown	no quartz
52534	31	424299	5430600	2	22/08/2011	25		x	500		dark brown	no quartz
52535	32	424300	5430553	2	22/08/2011	25		x	400		dark brown	no quartz
52536	33	424300	5430499	2	22/08/2011	25		x	500	red	brown	no quartz
52537	34	424299	5430450	2	22/08/2011	25		x	200		brown	rocky - no quartz
52538	35	424300	5430401	2	23/08/2011	25		x	200		brown	no quartz
52539	36	424300	5430350	2	23/08/2011	25		x	400		brown	no quartz
52540	37	424302	5430302	2	23/08/2011	25		x	400		brown	no quartz
52541	38	424300	5430248	2	23/08/2011	25		x	400		brown	quartz
52542	39	424300	5430203	2	23/08/2011	25		x	400		light brown	quartz
52543	40	424301	5430151	2	23/08/2011	25		x	500		brown	no quartz
52544	41	424300	5430101	2	23/08/2011	25		x	400	red	brown	no quartz
52545	42	424302	5430050	2	23/08/2011	25		x	400		brown	no quartz

52546	43	424299	5430000	2	23/08/2011	25		x	400		light brown	no quartz
52547	44	424299	5429948	2	23/08/2011	25		x	400		brown	quartz
52548	45	424300	5429901	2	23/08/2011	25		x	500		brown	no quartz
52549	46	424300	5429846	2	23/08/2011	25	x		300		brown	quartz
52550	47	424300	5429799	2	23/08/2011	25		x	300		brown	no quartz
52551	48	424400	5431000	3	24/08/2011	25		x	400		light brown	quartz
52552	49	424401	5430950	3	24/08/2011	25		x	250		brown	no quartz
52553	50	424398	5430901	3	24/08/2011	25		x	900		light brown	no quartz
SAMPLE	**Sample**	Actual		line	date	no. of samples	quality of sample		depth	colour	colour	comments
NUMBER	**ID**	mga_east	mga_nth		sampled	in line	wet	dry	in mm's			
52554	51	424400	5430849	3	24/08/2011	25		x	550		brown	no quartz
52555	52	424400	5430800	3	24/08/2011	25		x	500		brown	no quartz
52556	53	424400	5430749	3	24/08/2011	25		x	200		brown	no quartz
52557	54	424400	5430699	3	23/08/2011	25		x	200	red	brown	no quartz
52558	55	424401	5430653	3	23/08/2011	25		x	200		dark brown	quartz
52559	56	424402	5430600	3	23/08/2011	25		x	200	red	brown	no quartz
52560	57	424402	5430550	3	23/08/2011	25		x	300		dark brown	no quartz
52561	58	424399	5430502	3	23/08/2011	25		x	200		dark brown	no quartz
52562	59	424400	5430453	3	23/08/2011	25		x	400		dark brown	no quartz
52563	60	424399	5430401	3	23/08/2011	25		x	300		brown	no quartz
52564	61	424400	5430351	3	23/08/2011	25	x		400	red	brown	no quartz
52565	62	424399	5430299	3	23/08/2011	25		x	600	red	brown	no quartz
52566	63	424400	5430253	3	23/08/2011	25	x		300		dark brown	no quartz
52567	64	424401	5430199	3	23/08/2011	25		x	300		light brown	no quartz
52568	65	424402	5430149	3	23/08/2011	25		x	600	red	brown	no quartz

52569	66	424401	5430099	3	23/08/2011	25		x	400	red	brown	quartz
52570	67	424401	5430049	3	23/08/2011	25		x	400		brown	rocky - quartz
52571	68	424402	5429998	3	23/08/2011	25		x	200		brown	no quartz
52572	69	424400	5429952	3	23/08/2011	25		x	200		brown	no quartz
52573	70	424402	5429900	3	23/08/2011	25		x	600		brown	no quartz
52574	71	424400	5429850	3	23/08/2011	25		x	300		brown	no quartz
52575	72	424401	5429801	3	23/08/2011	25		x	400		light brown	no quartz
52576	73	424501	5431002	4	24/08/2011	25		x	350		light brown	no quartz
52577	74	424500	5430950	4	24/08/2011	25		x	300		brown	no quartz
52578	75	424501	5430892	4	24/08/2011	25		x	350		brown	no quartz
52579	76	424500	5430851	4	24/08/2011	25		x	350		brown	no quartz
52580	77	424499	5430801	4	24/08/2011	25		x	200		brown	no quartz
52581	78	424501	5430754	4	24/08/2011	25		x	450		dark brown	no quartz
52582	79	424500	5430699	4	24/08/2011	25		x	500		brown	no quartz
52583	80	424502	5430650	4	24/08/2011	25		x	300		brown	no quartz
52584	81	424502	5430600	4	24/08/2011	25		x	650		brown	no quartz
52585	82	424500	5430551	4	24/08/2011	25		x	400		brown	quartz
52586	83	424501	5430500	4	24/08/2011	25		x	350		brown	no quartz
52587	84	424499	5430449	4	24/08/2011	25		x	300	red	brown	no quartz
52588	85	424502	5430400	4	24/08/2011	25		x	300		brown	no quartz
52589	86	424501	5430350	4	24/08/2011	25		x	400		dark brown	no quartz
52590	87	424499	5430299	4	24/08/2011	25		x	300		brown	no quartz
52591	88	424500	5430247	4	24/08/2011	25		x	350		brown	no quartz
52592	89	424500	5430202	4	24/08/2011	25		x	300		brown	no quartz
52593	90	424500	5430148	4	24/08/2011	25		x	350		light brown	no quartz

52594	91	424501	5430100	4	24/08/2011	25		x	350		light brown	no quartz
52595	92	424501	5430051	4	24/08/2011	25	x		250		light brown	quartz
52596	93	424503	5430000	4	24/08/2011	25		x	300		brown	no quartz
52597	94	424499	5429948	4	24/08/2011	25		x	300		dark brown	no quartz
52598	95	424498	5429901	4	24/08/2011	25		x	300		brown	no quartz
52599	96	424500	5429850	4	24/08/2011	25		x	300		brown	quartz
52600	97	424501	5429799	4	24/08/2011	25		x	900		light brown	no quartz
SAMPLE	**Sample**	Actual		line	date	no. of samples	quality of sample		depth	colour	colour	comments
NUMBER	**ID**	mga_east	mga_nth		sampled	in line	wet	dry	in mm's			
52601	98	424600	5430999	5	31/08/2011	25		x	200		dark brown	no quartz
52602	99	424600	5430950	5	31/08/2011	25		x	250		dark brown	quartz
52603	100	424599	5430901	5	31/08/2011	25		x	200		dark brown	no quartz
52604	101	424598	5430851	5	31/08/2011	25		x	250		dark brown	no quartz
52605	102	424599	5430799	5	31/08/2011	25		x	1000	yellow	brown	no quartz
52606	103	424599	5430747	5	31/08/2011	25		x	200		dark brown	no quartz
52607	104	424599	5430701	5	31/08/2011	25		x	200		brown	no quartz
52608	105	424600	5430650	5	31/08/2011	25		x	300		brown	no quartz
52609	106	424603	5430602	5	31/08/2011	25		x	250		light brown	no quartz
52610	107	424601	5430550	5	31/08/2011	25		x	350		dark brown	no quartz
52611	108	424600	5430500	5	31/08/2011	25		x	300		brown	no quartz
52612	109	424600	5430450	5	31/08/2011	25		x	400	red	brown	no quartz
52613	110	424603	5430401	5	25/08/2011	25		x	700		brown	no quartz
52614	111	424603	5430351	5	25/08/2011	25		x	400		black	no quartz
52615	112	424600	5430300	5	25/08/2011	25		x	650		brown	no quartz
52616	113	424602	5430250	5	25/08/2011	25		x	350		brown	no quartz

52617	114	424599	5430198	5	25/08/2011	25		x	250	red	brown	no quartz
52618	115	424601	5430152	5	25/08/2011	25		x	200		brown	no quartz
52619	116	424600	5430100	5	25/08/2011	25		x	200		dark brown	no quartz
52620	117	424600	5430050	5	24/08/2011	25		x	250		brown	no quartz
52621	118	424600	5429954	5	24/08/2011	25		x	200		brown	no quartz
52622	119	424600	5429954	5	24/08/2011	25		x	550		brown	no quartz
52623	120	424601	5429900	5	24/08/2011	25		x	350		brown	no quartz
52624	121	424601	5429850	5	24/08/2011	25		x	450	red	brown	no quartz
52625	122	424601	5429802	5	24/08/2011	25		x	350		brown	no quartz
52626	123	424701	5430996	6	31/08/2011	25		x	200		dark brown	no quartz
52627	124	424701	5430950	6	31/08/2011	25		x	200		dark brown	no quartz
52628	125	424699	5430900	6	31/08/2011	25		x	250		dark brown	no quartz
52629	126	424700	5430850	6	31/08/2011	25		x	250		brown	no quartz
52630	127	424698	5430800	6	31/08/2011	25		x	200		dark brown	no quartz
52631	128	424701	5430751	6	31/08/2011	25		x	200	red	brown	no quartz
52632	129	424700	5430698	6	31/08/2011	25		x	200		dark brown	no quartz
52633	130	424698	5430652	6	31/08/2011	25		x	400	red	brown	no quartz
52634	131	424701	5430599	6	31/08/2011	25		x	300	red	brown	no quartz
52635	132	424701	5430550	6	25/08/2011	25		x	350		brown	no quartz
52636	133	424701	5430500	6	25/08/2011	25	x		350		light brown	quartz
52637	134	424699	5430450	6	25/08/2011	25	x		450		light brown	quartz
52638	135	424701	5430399	6	25/08/2011	25		x	850		light brown	no quartz
52639	136	424700	5430749	6	29/08/2011	25		x	500		brown	no quartz
52640	137	424699	5430303	6	29/08/2011	25		x	400		brown	no quartz
52641	138	424701	5430250	6	29/08/2011	25		x	550		brown	no quartz

52642	139	424702	5430200	6	29/08/2011	25		x	450		brown	no quartz
52643	140	424698	5430150	6	29/08/2011	25		x	400		brown	quartz
52644	141	424698	5430101	6	29/08/2011	25		x	350		brown	no quartz
52645	142	424702	5430053	6	29/08/2011	25		x	550		brown	no quartz
52646	143	424701	5430000	6	29/08/2011	25		x	250		brown	no quartz
52647	144	424699	5429951	6	29/08/2011	25		x	300		brown	no quartz
52648	145	424701	5429900	6	29/08/2011	25		x	450		brown	no quartz
52649	146	424701	5429850	6	29/08/2011	25		x	450		brown	no quartz
52650	147	424698	5429800	6	29/08/2011	25		x	600		brown	no quartz
SAMPLE	**Sample**	Actual		line	date	no. of samples	quality of sample		depth	colour	colour	comments
NUMBER	**ID**	mga_east	mga_nth		sampled	in line	wet	dry	in mm's			
52651	148	424800	5431001	7	25/08/2011	25		x	350		brown	no quartz
52652	149	424800	5430950	7	25/08/2011	25		x	300	red	brown	no quartz
52653	150	424800	5430900	7	25/08/2011	25		x	350		brown	no quartz
52654	151	424800	5430850	7	25/08/2011	25		x	450	red	brown	no quartz
52655	152	424801	5430801	7	31/08/2011	25		x	400		brown	no quartz
52656	153	424801	5430748	7	31/08/2011	25		x	250		dark brown	no quartz
52657	154	424802	5430701	7	31/08/2011	25		x	400		brown	no quartz
52658	155	424802	5430653	7	31/08/2011	25		x	350		brown	no quartz
52659	156	424803	5430601	7	31/08/2011	25		x	300		brown	no quartz
52660	157	424801	5430552	7	31/08/2011	25		x	350		brown	no quartz
52661	158	424800	5430504	7	31/08/2011	25		x	500		brown	no quartz
52662	159	424801	5430450	7	31/08/2011	25		x	300		brown	quartz
52663	160	424801	5430401	7	31/08/2011	25		x	350		light brown	no quartz
52664	161	424802	5430350	7	31/08/2011	25		x	500		brown	no quartz

52665	162	424802	5430301	7	29/08/2011	25		x	650		brown	no quartz
52666	163	424802	5430251	7	29/08/2011	25		x	400		light brown	no quartz
52667	164	424799	5430198	7	29/08/2011	25		x	750		brown	no quartz
52668	165	424801	5430151	7	29/08/2011	25		x	450		brown	no quartz
52669	166	424799	5430101	7	29/08/2011	25		x	700	red	brown	no quartz
52670	167	424800	5430049	7	29/08/2011	25		x	450		brown	no quartz
52671	168	424801	5430002	7	29/08/2011	25		x	550		brown	no quartz
52672	169	424798	5429950	7	29/08/2011	25		x	500		brown	quartz
52673	170	424800	5429900	7	29/08/2011	25		x	400		brown	quartz
52674	171	424800	5429852	7	29/08/2011	25		x	300		brown	no quartz
52675	172	424801	5429800	7	29/08/2011	25		x	650		light brown	no quartz
52676	173	424898	5431000	8	30/08/2011	25		x	300		dark brown	no quartz
52677	174	424900	5430952	8	30/08/2011	25		x	300		brown	no quartz
52678	175	424899	5430900	8	30/08/2011	25		x	800	red	brown	no quartz
52679	176	424900	5430849	8	30/08/2011	25		x	400	red	brown	no quartz
52680	177	424899	5430800	8	30/08/2011	25		x	350	red	brown	no quartz
52681	178	424900	5430751	8	30/08/2011	25		x	450	red	brown	no quartz
52682	179	424900	5430700	8	30/08/2011	25		x	350	red	brown	no quartz
52683	180	424900	5430650	8	30/08/2011	25		x	350	red	brown	no quartz
52684	181	424901	5430600	8	30/08/2011	25		x	250	red	brown	no quartz
52685	182	424899	5430550	8	30/08/2011	25		x	200		brown	no quartz
52686	183	424899	5430499	8	30/08/2011	25		x	300		brown	no quartz
52687	184	424900	5430446	8	30/08/2011	25		x	400		brown	no quartz
52688	185	424901	5430400	8	30/08/2011	25		x	200		brown	no quartz
52689	186	424900	5430349	8	30/08/2011	25		x	200		brown	quartz

52690	187	424902	5430299	8	25/08/2011	25		x	500		light brown	no quartz
52691	188	424900	5430250	8	25/08/2011	25		x	500		light brown	no quartz
52692	189	424900	5430203	8	25/08/2011	25		x	650		light brown	no quartz
52693	190	424899	5430150	8	29/08/2011	25		x	300		brown	no quartz
52694	191	424899	5430100	8	29/08/2011	25		x	550		brown	no quartz
52695	192	424900	5430051	8	26/08/2011	25		x	450		brown	no quartz
52696	193	424899	5429999	8	26/08/2011	25		x	300	red	brown	no quartz
52697	194	424898	5429951	8	26/08/2011	25		x	400		brown	no quartz
52698	195	424900	5429899	8	26/08/2011	25		x	750		brown	no quartz
52699	196	424900	5429851	8	26/08/2011	25		x	500		brown	no quartz
52700	197	424900	5429800	8	26/08/2011	25	x		600		light brown	no quartz
SAMPLE	**Sample**	**Actual**		**line**	**date**	**no. of samples**	**quality of sample**		**depth**	**colour**	**colour**	**comments**
NUMBER	**ID**	**mga_east**	**mga_nth**		**sampled**	**in line**	**wet**	**dry**	**in mm's**			
52701	198	425000	5431001	9	30/08/2011	25		x	450		brown	no quartz
52702	199	424999	5430950	9	30/08/2011	25		x	400		brown	no quartz
52703	200	424999	5430897	9	30/08/2011	25		x	450	red	brown	no quartz
52704	201	425002	5430850	9	30/08/2011	25		x	650		brown	no quartz
52705	202	425000	5430799	9	30/08/2011	25		x	700	red	brown	no quartz
52706	203	425000	5430751	9	30/08/2011	25		x	700	red	brown	no quartz
52707	204	425001	5430700	9	30/08/2011	25		x	500		brown	no quartz
52708	205	425000	5430650	9	30/08/2011	25		x	300		brown	no quartz
52709	206	425001	5430601	9	30/08/2011	25	x		350		brown	no quartz
52710	207	425000	5430550	9	30/08/2011	25		x	300		dark brown	no quartz
52711	208	424997	5430498	9	30/08/2011	25		x	300		dark brown	no quartz
52712	209	424799	5430449	9	30/08/2011	25		x	200		dark brown	no quartz

52713	210	425002	5430400	9	30/08/2011	25		x	350		light brown	no quartz
52714	211	425001	5430349	9	25/08/2011	25		x	550		light brown	no quartz
52715	212	425000	5430300	9	29/08/2011	25		x	1000		light brown	no quartz
52716	213	425000	5430248	9	29/08/2011	25		x	350		brown	no quartz
52717	214	425000	5430198	9	29/08/2011	25		x	350		brown	no quartz
52718	215	425000	5430151	9	29/08/2011	25		x	350		brown	no quartz
52719	216	425000	5430100	9	26/08/2011	25		x	450	red	brown	no quartz
52720	217	425001	5430053	9	26/08/2011	25		x	450		light brown	no quartz
52721	218	452000	5429999	9	26/08/2011	25		x	550		light brown	no quartz
52722	219	425001	5429950	9	26/08/2011	25		x	550		brown	no quartz
52723	220	425000	5429901	9	26/08/2011	25		x	450		light brown	no quartz
52724	221	425000	5429851	9	26/08/2011	25		x	1000		brown	no quartz
52725	222	424999	5429802	9	26/08/2011	25		x	250		brown	no quartz

Appendix 2

Soil Sampling Data Base

Wilmot Central

SAMPLE	Actual		line	no. of samples	quality of sample		depth	colour	colour	date	comments
ID	EASTING	NORTHING		in line	wet	dry	in mm's			sampled	
52726	0429500	5417951	1	25		X	350	RED	BROWN	12-Sep-11	NO QUARTZ
52727	0429451	5417950	1	25		X	400	RED	BROWN	12-Sep-11	NO QUARTZ
52728	0429401	5417950	1	25		X	1000	RED	BROWN	12-Sep-11	NO QUARTZ
52729	0429351	5417951	1	25		X	400	RED	BROWN	12-Sep-11	NO QUARTZ
52730	0429301	5417950	1	25		X	400	BROWN		12-Sep-11	NO QUARTZ
52731	0429250	5417951	1	25		X	300	GREY	BLACK	12-Sep-11	YES QUARTZ
52732	0429199	5417950	1	25		X	1000	BROWN		12-Sep-11	NO QUARTZ
52733	0429150	5417952	1	25		X	300	DARK BROWN		12-Sep-11	NO QUARTZ
52734	0429099	5417950	1	25		X	450	LIGHT BROWN		12-Sep-11	NO QUARTZ
52735	0429048	5417952	1	25		X	350	BROWN		12-Sep-11	NO QUARTZ
52736	0429000	5417949	1	25		X	350	BROWN		12-Sep-11	NO QUARTZ
52737	0428951	5417950	1	25		X	350	BROWN		12-Sep-11	YES QUARTZ
52738	0428900	5417949	1	25		X	350	BROWN		12-Sep-11	NO QUARTZ
52739	0428849	5417950	1	25		X	250	DARK BROWN		12-Sep-11	YES QUARTZ/ ROCKY
52740	0428799	5417949	1	25		X	250	BLACK		12-Sep-11	ROCKY/LARGE QUARTZ ROCKS
52741	0428749	5417949	1	25		X	200	BROWN		12-Sep-11	NO QUARTZ
52742	0428702	5417951	1	25		X	300	BROWN		12-Sep-11	NO QUARTZ
52743	0428651	5417950	1	25		X	300	BROWN		12-Sep-11	NO QUARTZ
52744	0428599	5417948	1	25		X	300	RED	BROWN	12-Sep-11	NO QUARTZ
52745	0428550	5417949	1	25		X	350	DARK BROWN		12-Sep-11	NO QUARTZ
52746	0428499	5417950	1	25		X	300	BROWN		12-Sep-11	NO QUARTZ
52747	0428448	5417950	1	25		X	300	DARK BROWN		12-Sep-11	NO QUARTZ
52748	0428400	5417951	1	25		X	250	RED	BROWN	12-Sep-11	NO QUARTZ

52749	0428350	5417950	1	25		X	500	RED	BROWN	12-Sep-11	NO QUARTZ
52750	0428300	5417949	1	25		X	350	BROWN		12-Sep-11	NO QUARTZ
SAMPLE	***Actual***		***line***	***no. of samples***	***quality of sample***		***depth***	***colour***	***colour***	***date***	***comments***
ID	***EASTING***	***NORTHING***		***in line***	***wet***	***dry***	***in mm's***			***sampled***	
52751	0429501	5418050	2	25		X	350	RED	BROWN	13-Sep-11	NO QUARTZ
52752	0429449	5418050	2	25		X	300	DARK BROWN		13-Sep-11	NO QUARTZ
52753	0429399	5418050	2	25		X	300	RED	BROWN	13-Sep-11	NO QUARTZ
52754	0429349	5418050	2	25		X	200	DARK BROWN		13-Sep-11	NO QUARTZ
52755	0429302	5418050	2	25		X	350	BROWN		13-Sep-11	NO QUARTZ
52756	0429250	5418050	2	25		X	200	BROWN		13-Sep-11	NO QUARTZ/ROCKY
52757	0429201	5418050	2	25	X		800	GREY		13-Sep-11	NO QUARTZ
52758	0429150	5418050	2	25		X	250	BROWN		13-Sep-11	NO QUARTZ
52759	0429101	5418050	2	25		X	300	RED	BROWN	13-Sep-11	NO QUARTZ
52760	0429049	5418050	2	25		X	450	BROWN		13-Sep-11	NO QUARTZ
52761	0429000	5418051	2	25		X	300	BROWN		13-Sep-11	YES QUARTZ
52762	0428949	5418052	2	25		X	450	DARK BROWN		13-Sep-11	NO QUARTZ
52763	0428900	5418051	2	25		X	400	DARK BROWN		13-Sep-11	NO QUARTZ
52764	0428849	5418051	2	25		X	300	BROWN		13-Sep-11	NO QUARTZ
52765	0428797	5418050	2	25		X	250	LIGHT BROWN		13-Sep-11	NO QUARTZ
52766	0428750	5418050	2	25		X	200	DARK BROWN		13-Sep-11	NO QUARTZ/ROCKY
52767	0428699	5418049	2	25		X	300	BROWN		13-Sep-11	NO QUARTZ
52768	0428651	5418050	2	25		X	250	DARK BROWN		13-Sep-11	NO QUARTZ
52769	0428599	5418051	2	25		X	650	LIGHT BROWN		13-Sep-11	NO QUARTZ
52770	0428549	5418051	2	25		X	400	DARK BROWN		13-Sep-11	NO QUARTZ
52771	0428500	5418050	2	25		X	400	BROWN		13-Sep-11	YES QUARTZ/ ROCKY

52772	0428450	5418049	2	25		X	250	DARK BROWN		13-Sep-11	NO QUARTZ/ROCKY
52773	0428399	5418050	2	25		X	400	DARK BROWN		13-Sep-11	YES QUARTZ
52774	0428349	5418049	2	25		X	350	DARK BROWN		13-Sep-11	NO QUARTZ
52775	0428300	5418051	2	25		X	300	LIGHT BROWN		13-Sep-11	YES QUARTZ
SAMPLE	***Actual***		***line***	***no. of samples***	***quality of sample***		***depth***	***colour***	***colour***	***date***	***comments***
ID	***EASTING***	***NORTHING***		***in line***	***wet***	***dry***	***in mm's***			***sampled***	
52776	0429500	5418150	3	25		X	400	DARK BROWN		14-Sep-11	NO QUARTZ
52777	0429500	5418151	3	25		X	200	DARK BROWN		14-Sep-11	NO QUARTZ/ROCKY
52778	0429500	5418151	3	25		X	400	DARK BROWN		14-Sep-11	NO QUARTZ
52779	0429350	5418150	3	25		X	250	DARK BROWN		14-Sep-11	YES QUARTZ
52780	0429300	5418151	3	25		X	250	BROWN		14-Sep-11	NO QUARTZ
52781	0429248	5418151	3	25		X	200	LIGHT BROWN		14-Sep-11	NO QUARTZ/ROCKY
52782	0429198	5418151	3	25		X	200	BROWN		14-Sep-11	NO QUARTZ/ROCKY
52783	0429150	5418150	3	25		X	250	BROWN		14-Sep-11	NO QUARTZ
52784	0429101	5418151	3	25		X	450	BROWN		14-Sep-11	NO QUARTZ
52785	0429050	5418150	3	25		X	350	BROWN		14-Sep-11	NO QUARTZ
52786	0429000	5419149	3	25		X	300	BROWN		14-Sep-11	NO QUARTZ
52787	0428949	5418151	3	25		X	400	BROWN		14-Sep-11	NO QUARTZ
52788	0428898	5418151	3	25		X	350	BROWN		14-Sep-11	NO QUARTZ
52789	0428850	5418150	3	25		X	250	BROWN		14-Sep-11	YES QUARTZ
52790	0428799	5418151	3	25		X	400	ORANGE	BROWN	14-Sep-11	NO QUARTZ/ROCKY
52791	0428750	5418150	3	25	X		350	BROWN		14-Sep-11	NO QUARTZ
52792	0428700	5418151	3	25		X	250	DARK BROWN		14-Sep-11	NO QUARTZ
52793	0428650	5418150	3	25		X	250	DARK BROWN		14-Sep-11	NO QUARTZ
52794	0428598	5418148	3	25		X	200	DARK BROWN		14-Sep-11	NO QUARTZ

52795	0428550	5418149	3	25		X	250	BROWN		14-Sep-11	NO QUARTZ
52796	0428502	5418150	3	25		X	350	BROWN		14-Sep-11	NO QUARTZ
52797	0428451	5418151	3	25		X	250	DARK BROWN		14-Sep-11	NO QUARTZ
52798	0428401	5418150	3	25		X	300	DARK BROWN		14-Sep-11	YES QUARTZ
52799	0428349	5418149	3	25		X	250	DARK BROWN		14-Sep-11	NO QUARTZ/ROCKY
52800	0428300	5418150	3	25		X	300	DARK BROWN		14-Sep-11	NO QUARTZ
SAMPLE	Actual		line	no. of samples	quality of sample		depth	colour	colour	date	comments
ID	EASTING	NORTHING		in line	wet	dry	in mm's			sampled	
52801	0429501	5418250	4	25		X	250	BROWN		15/09/2011	NO QUARTZ
52802	0429448	5418249	4	25		X	250	BROWN		15/09/2011	NO QUARTZ
52803	0429399	5418252	4	25		X	300	BROWN		15/09/2011	NO QUARTZ
52804	0429352	5418250	4	25		X	400	DARK BROWN		15/09/2011	NO QUARTZ
52805	0429300	5418249	4	25		X	350	LIGHT BROWN		15/09/2011	NO QUARTZ
52806	0429248	5418250	4	25		X	500	BROWN		15/09/2011	NO QUARTZ
52807	0429199	5418251	4	25		X	300	BROWN		15/09/2011	NO QUARTZ
52808	0429150	5418250	4	25		X	300	LIGHT BROWN		15/09/2011	NO QUARTZ/ROCKY
52809	0429101	5418250	4	25		X	250	BROWN		15/09/2011	NO QUARTZ
52810	0429045	5418250	4	25		X	200	DARK BROWN		15/09/2011	NO QUARTZ/ROCKY
52811	0428998	5418250	4	25		X	250	LIGHT BROWN		15/09/2011	NO QUARTZ
52812	0428948	5418249	4	25		X	250	LIGHT BROWN		15/09/2011	NO QUARTZ
52813	0428904	5418250	4	25		X	1000	BROWN		15/09/2011	NO QUARTZ
52814	0428851	5418251	4	25		X	250	DARK BROWN		21/09/2011	NO QUARTZ
52815	0428801	5418251	4	25		X	300	BROWN		21/09/2011	NO QUARTZ
52816	0428750	5418251	4	25		X	250	BROWN		21/09/2011	NO QUARTZ
52817	0428702	5418251	4	25		X	500	LIGHT BROWN		21/09/2011	NO QUARTZ

52818	0428651	5418250	4	25		X	200	LIGHT BROWN		21/09/2011	NO QUARTZ/ROCKY
52819	0428601	5418250	4	25		X	600	LIGHT BROWN		21/09/2011	NO QUARTZ
52820	0428548	5418250	4	25		X	400	BROWN		21/09/2011	NO QUARTZ
52821	0428500	5418251	4	25		X	200	LIGHT BROWN		21/09/2011	YES QUARTZ
52822	0428451	5418250	4	25		X	250	LIGHT BROWN		21/09/2011	NO QUARTZ/ROCKY
52823	0428401	5418250	4	25		X	300	BROWN		21/09/2011	NO QUARTZ/ROCKY
52824	0428348	5418251	4	25		X	300	DARK BROWN		21/09/2011	NO QUARTZ
52825	0428299	5418249	4	25		X	550	BROWN		21/09/2011	YES QUARTZ
SAMPLE	Actual		line	no. of samples	quality of sample		depth	colour	colour	date	comments
ID	EASTING	NORTHING		in line	wet	dry	in mm's			sampled	
52826	0429501	5418351	5	25		X	350	BROWN		22/09/2011	NO QUARTZ
52827	0429450	5418351	5	25		X	400	DARK BROWN		22/09/2011	NO QUARTZ/ROCKY
52828	0429402	5418350	5	25		X	300	BROWN		22/09/2011	NO QUARTZ
52829	0429349	5418350	5	25		X	400	BROWN		22/09/2011	NO QUARTZ
52830	0429302	5418348	5	25		X	300	BROWN		22/09/2011	NO QUARTZ
52831	0429250	5418351	5	25		X	200	BROWN		22/09/2011	NO QUARTZ/ROCKY
52832	0429200	5418351	5	25		X	250	BLACK	BROWN	22/09/2011	NO QUARTZ/ROCKY
52833	0429148	5418351	5	25		X	400	BROWN		22/09/2011	NO QUARTZ
52834	0429101	5418349	5	25		X	250	DARK BROWN		22/09/2011	NO QUARTZ
52835	0429049	5418350	5	25		X	200	LIGHT BROWN		22/09/2011	NO QUARTZ
52836	0429000	5418350	5	25		X	250	LIGHT BROWN		22/09/2011	NO QUARTZ
52837	0428951	5418350	5	25		X	250	BROWN		22/09/2011	NO QUARTZ
52838	0428901	5418348	5	25		X	300	LIGHT BROWN		22/09/2011	NO QUARTZ/ROCKY
52839	0428850	5418350	5	25		X	350	BROWN		22/09/2011	NO QUARTZ
52840	0428802	5418351	5	25		X	450	BROWN		22/09/2011	NO QUARTZ

52841	0428749	5418349	5	25		X	800	BROWN		22/09/2011	NO QUARTZ
52842	0428700	5418350	5	25		X	450	BROWN		21/09/2011	NO QUARTZ
52843	0428650	5418350	5	25		X	300	BROWN		21/09/2011	NO QUARTZ
52844	0428600	5418351	5	25		X	350	RED	BROWN	21/09/2011	NO QUARTZ
52845	0428550	5418349	5	25		X	350	DARK BROWN		21/09/2011	NO QUARTZ
52846	0428500	5418350	5	25		X	400	RED	BROWN	21/09/2011	NO QUARTZ
52847	0428449	5418352	5	25		X	400	LIGHT BROWN		21/09/2011	NO QUARTZ
52848	0428398	5418351	5	25		X	300	BLACK		21/09/2011	NO QUARTZ
52849	0428349	5418351	5	25		X	300	BROWN		21/09/2011	NO QUARTZ
52850	0428301	5418351	5	25		X	300	BROWN		21/09/2011	NO QUARTZ
SAMPLE	Actual		line	no. of samples	quality of sample		depth	colour	colour	date	comments
ID	EASTING	NORTHING		in line	wet	dry	in mm's			sampled	
52851	0429500	5418450	6	25		X	450	BROWN		22/09/2011	NO QUARTZ
52852	0429448	5418451	6	25		X	450	ORANGE	BROWN	22/09/2011	NO QUARTZ
52853	0429460	5418451	6	25		X	200	BROWN		22/09/2011	NO QUARTZ
52854	0429349	5418451	6	25		X	250	BROWN		22/09/2011	NO QUARTZ
52855	0429299	5418445	6	25		X	400	BROWN		22/09/2011	NO QUARTZ
52856	0429251	5418450	6	25		X	350	BROWN		22/09/2011	YES QUARTZ/ ROCKY
52857	0429201	5418450	6	25		X	200	DARK BROWN		22/09/2011	NO QUARTZ
52858	0429151	5418446	6	25		X	300	BROWN		22/09/2011	NO QUARTZ
52859	0429100	5418448	6	25		X	250	DARK BROWN		22/09/2011	NO QUARTZ
52860	0429051	5418450	6	25		X	250	BROWN		22/09/2011	NO QUARTZ
52861	0429000	5418453	6	25		X	200	DARK BROWN		22/09/2011	NO QUARTZ
52862	0428950	5418451	6	25		X	350	ORANGE	BROWN	22/09/2011	NO QUARTZ
52863	0428900	5418450	6	25		X	300	ORANGE	BROWN	22/09/2011	NO QUARTZ

52864	0428851	5418450	6	25		X	200	ORANGE	BROWN	23/09/2011	NO QUARTZ/ROCKY
52865	0428801	5418450	6	25		X	300	BROWN		23/09/2011	NO QUARTZ
52866	0428750	5418451	6	25		X	350	DARK BROWN		23/09/2011	NO QUARTZ
52867	0428699	5418450	6	25		X	250	DARK BROWN		23/09/2011	NO QUARTZ
52868	0428648	5418452	6	25		X	300	DARK BROWN		23/09/2011	YES QUARTZ
52869	0428600	5418450	6	25		X	650	ORANGE	BROWN	21/09/2011	NO QUARTZ
52870	0428550	5418451	6	25		X	300	LIGHT BROWN		21/09/2011	YES QUARTZ
52871	0428499	5418449	6	25		X	500	BROWN		21/09/2011	NO QUARTZ
52872	0428450	5418451	6	25		X	400	BROWN		21/09/2011	NO QUARTZ
52873	0428400	5418451	6	25		X	400	BROWN		21/09/2011	NO QUARTZ
52874	0428551	5418449	6	25		X	350	LIGHT BROWN		21/09/2011	NO QUARTZ
52875	0428300	5418450	6	25		X	200	LIGHT BROWN		21/09/2011	NO QUARTZ/ROCKY
SAMPLE	Actual		line	no. of samples	quality of sample		depth	colour	colour	date	comments
ID	EASTING	NORTHING		in line	wet	dry	in mm's			sampled	
52876	0429499	5418548	7	25		X	300	LIGHT BROWN		23/09/2011	NO QUARTZ/ROCKY
52877	0429451	5418550	7	25		X	300	LIGHT BROWN		23/09/2011	NO QUARTZ
52878	0429401	5418552	7	25		X	350	LIGHT BROWN		23/09/2011	NO QUARTZ
52879	0429350	541855	7	25		X	250	DARK BROWN		23/09/2011	NO QUARTZ
52880	0429300	5418551	7	25		X	350	DARK BROWN		23/09/2011	NO QUARTZ/ROCKY
52881	0429250	5418550	7	25		X	350	DARK BROWN		23/09/2011	NO QUARTZ
52882	0429202	5418550	7	25		X	250	DARK BROWN		23/09/2011	NO QUARTZ
52883	0429151	5418550	7	25		X	400	DARK BROWN		23/09/2011	NO QUARTZ
52884	0429098	541855	7	25		X	450	DARK BROWN		23/09/2011	NO QUARTZ
52885	0429049	5418549	7	25		X	350	BROWN		23/09/2011	NO QUARTZ
52886	0429000	5418550	7	25		X	300	BROWN		23/09/2011	NO QUARTZ

52887	0428951	5418550	7	25		X	300	RED	BROWN	23/09/2011	NO QUARTZ
52888	0428899	5418550	7	25		X	350	BROWN		23/09/2011	NO QUARTZ
52889	0428849	5418550	7	25		X	250	BROWN		23/09/2011	YES QUARTZ
52890	0428802	5418550	7	25		X	600	BROWN		23/09/2011	NO QUARTZ
52891	0428749	5418552	7	25		X	350	LIGHT BROWN		23/09/2011	NO QUARTZ
52892	0428700	5418551	7	25		X	500	ORANGE	BROWN	23/09/2011	NO QUARTZ
52893	0428650	5418549	7	25		X	400	BROWN		21/09/2011	NO QUARTZ
52894	0428601	5418549	7	25		X	400	BROWN		21/09/2011	NO QUARTZ
52895	0428549	5418550	7	25		X	400	LIGHT BROWN		21/09/2011	NO QUARTZ
52896	0428500	5418550	7	25		X	450	LIGHT BROWN		21/09/2011	NO QUARTZ
52897	0428452	5418551	7	25		X	450	BROWN		21/09/2011	NO QUARTZ
52898	0428399	5418550	7	25		X	500	BROWN		21/09/2011	NO QUARTZ
52899	0428349	5418551	7	25		X	700	BROWN		21/09/2011	NO QUARTZ
52900	0428301	5418550	7	25		X	450	BROWN		21/09/2011	NO QUARTZ
SAMPLE	Actual		line	no. of samples	quality of sample		depth	colour	colour	date	comments
ID	EASTING	NORTHING		in line	wet	dry	in mm's			sampled	
52901	0429500	5418650	8	25		X	300	BROWN		26/09/2011	NO QUARTZ
52902	0429449	5418650	8	25		X	300	LIGHT BROWN		26/09/2011	NO QUARTZ
52903	0429400	5418648	8	25		X	350	BROWN		26/09/2011	NO QUARTZ
52904	0429350	5418649	8	25		X	300	YELLOW	BROWN	26/09/2011	NO QUARTZ
52905	0429302	5418649	8	25		X	600	BROWN		26/09/2011	NO QUARTZ
52906	0429250	5418652	8	25		X	350	BROWN		26/09/2011	NO QUARTZ
52907	0429200	5418653	8	25		X	300	DARK BROWN		26/09/2011	NO QUARTZ/ROCKY
52908	0429150	5418649	8	25		X	450	BROWN		26/09/2011	NO QUARTZ
52909	0429102	5418651	8	25		X	350	BROWN		26/09/2011	NO QUARTZ

52910	0429049	5418652	8	25		X	350	BROWN		26/09/2011	YES QUARTZ
52911	0428999	5418651	8	25		X	450	BROWN		26/09/2011	YES QUARTZ
52912	0428949	5418651	8	25		X	500	ORANGE	BROWN	26/09/2011	NO QUARTZ
52913	0428898	5418650	8	25		X	400	BROWN		26/09/2011	NO QUARTZ/ROCKY
52914	0428849	5418650	8	25		X	250	DARK BROWN		26/09/2011	YES QUARTZ/ ROCKY
52915	0428800	5418650	8	25		X	400	BROWN		26/09/2011	YES QUARTZ
52916	0428751	5418650	8	25		X	450	BROWN		26/09/2011	NO QUARTZ
52917	0428700	5418651	8	25		X	650	ORANGE	BROWN	26/09/2011	NO QUARTZ
52918	0428651	5418649	8	25		X	300	ORANGE	BROWN	26/09/2011	YES QUARTZ
52919	0428600	5418649	8	25		X	400	BROWN		26/09/2011	YES QUARTZ
52920	0428551	5418650	8	25		X	350	DARK BROWN		26/09/2011	YES QUARTZ
52921	0428501	5418651	8	25		X	400	BROWN		26/09/2011	YES QUARTZ
52922	0428450	5418650	8	25		X	350	BROWN		26/09/2011	YES QUARTZ
52923	0428399	5418649	8	25		X	350	BROWN		26/09/2011	YES QUARTZ
52924	0428350	5418651	8	25		X	450	LIGHT BROWN		26/09/2011	YES QUARTZ
52925	0428301	5418650	8	25		X	500	BROWN		26/09/2011	NO QUARTZ

Appendix 3

Soil Sampling Assay

Data Base

SAMPLE DESCRIPTION	Au-TL43 Au ppm	ME-MS42 Hg ppm	ME-ICP61 Zn ppm	ME-MS62s Ag ppm	ME-MS62s As ppm	ME-MS62s Cu ppm	ME-MS62s Mo ppm	ME-MS62s Pb ppm	ME-MS62s Sn ppm	ME-MS62s W ppm
52501	0.002	0.098	217	0.19	17.4	181.5	1.39	46.1	1.8	0.8
52502	0.002	0.099	148	0.17	10.2	168.5	1.47	34.3	2.1	0.7
52503	0.002	0.117	149	0.19	9.8	195	1.42	55	2.1	0.6
52504	0.002	0.12	159	0.21	5.9	142.5	1.33	62.8	1.8	0.5
52505	0.001	0.105	126	0.2	7.6	95.3	0.86	37.2	1.2	0.7
52506	0.001	0.086	135	0.08	5.3	52.3	1.93	30.9	2.2	0.9
52507	0.001	0.109	123	0.19	9.9	60	2.22	59.4	2.4	1.2
52508	0.001	0.11	102	0.13	4.7	49.8	2.4	14	2.4	0.5
52509	<0.001	0.007	7	0.04	1.3	9.5	0.67	5.8	0.6	0.3
52510	<0.001	0.007	8	0.02	1	7	0.89	4	0.4	0.3
52511	<0.001	0.007	5	0.02	1.3	7	1.06	3.7	0.4	0.3
52512	0.001	0.102	103	0.24	11.5	48.8	2.19	92.4	2.3	1
52513	0.001	0.119	106	0.2	12.5	58.5	1.71	59.8	1.9	1.1
52514	0.001	0.065	88	0.26	7.9	39.1	0.99	116	1.5	1.1
52515	0.001	0.074	77	0.26	18.1	43.9	1.02	142.5	1.7	1.2
52516	0.002	0.062	82	0.18	15	65.3	1.33	81.7	2	1.3
52517	0.001	0.074	77	0.18	8	39.6	1.16	57.9	1.6	0.9
52518	0.001	0.076	47	0.16	12.4	40.2	1.32	35.9	2	1.6
52519	0.002	0.098	81	0.17	17.8	60.6	1.85	62.6	2.4	1.4
52520	0.001	0.048	74	0.52	20.6	40.6	0.83	64	1.7	1.8
52521	0.001	0.05	281	0.65	37	80.5	1.1	246	2	1.7
52522	0.001	0.047	91	0.43	22.6	51.2	0.68	88.8	1.4	1.4
52523	0.001	0.055	82	0.47	31.6	55.5	0.75	83	1.6	1.5

52524	0.001	0.063	201	0.36	51.6	94.5	0.89	78.7	2.2	1.6
52525	<0.001	0.065	118	0.36	44.9	42.5	0.78	45.3	1.9	1.9
52526	0.002	0.111	345	0.22	14.6	118	1.05	235	1.8	1
52527	0.002	0.09	174	0.2	14.3	154	1.19	79.8	2.1	1.1
52528	0.002	0.113	263	0.19	10.2	185.5	1.16	50.1	1.7	0.5
52529	0.001	0.095	124	0.17	12.2	83	1.93	60.4	2.4	1.3
52530	0.001	0.08	102	0.18	12.7	86.1	1.97	63.2	2.7	1.2
52531	0.001	0.099	111	0.15	11	142	1.53	41.5	2.3	0.6
52532	0.001	0.103	88	0.16	6.8	67.5	2.44	19.5	2.8	0.8
52533	0.001	0.108	90	0.16	5.6	51.5	2.35	14.3	2.6	0.7
52534	0.001	0.093	83	0.16	6.1	45.5	2.45	17.3	2.6	0.8
52535	0.001	0.148	99	0.12	6	53.6	2.5	15.9	2.6	0.9
52536	0.001	0.089	98	0.12	4.4	48.5	1.86	20	2.2	0.7
52537	<0.001	0.14	148	0.18	4.9	45.4	2.49	12.3	2.3	0.7
52538	<0.001	0.093	155	0.13	6.9	49.4	2.13	11	2.2	0.6
52539	0.001	0.095	207	0.23	13.8	63.5	1.49	97.8	2.2	1.3
52540	0.001	0.096	178	0.28	35.5	86.8	1.34	131	2.2	1.7
52541	0.001	0.077	137	0.36	53.8	91.2	1.5	179.5	2.4	1.7
52542	<0.001	0.053	113	0.28	7.3	29	0.75	71.2	1.2	0.8
52543	0.002	0.093	102	0.24	31	109.5	1.47	89.1	2.5	1.7
52544	0.002	0.085	69	0.33	32.4	98.8	1.16	48.3	2.5	1.8
52545	0.001	0.101	105	0.38	28.3	91.7	1.21	122.5	2.3	1.6
52546	0.003	0.058	84	0.35	49.1	200	1	63.5	2.1	1.6
52547	0.002	0.112	69	2.08	63.9	194	1.61	111	2.3	1.7
52548	0.002	0.093	353	0.64	59.9	136	1.68	305	2.5	1.8
52549	0.001	0.085	177	0.18	13.4	52.2	1.84	39.4	2.2	0.8

52550	0.001	0.081	269	0.38	19.4	67.1	1.01	141	1.9	1.4
52551	0.002	0.071	164	0.25	18.9	104.5	1.33	51.2	1.5	0.8
52552	0.002	0.134	479	0.36	29.6	82.9	1.5	191	1.8	1.2
52553	0.001	0.102	97	0.19	12.3	88.3	1.81	50.2	2.2	1
52554	0.001	0.088	185	0.25	10.6	80.2	2.44	132.5	2.5	0.8
52555	<0.001	0.109	151	0.2	6.4	70.4	2.61	15.9	2.6	0.8
52556	<0.001	0.126	114	0.15	6.6	58.1	2.36	15.7	2.6	0.8
52557	0.001	0.125	105	0.16	5.8	57.1	2.35	17.7	2.6	0.7
52558	<0.001	0.126	92	0.16	5.2	54	2.07	12.2	2.3	0.7
52559	<0.001	0.129	99	0.14	7.1	57.3	2.37	14.6	2.6	0.8
52560	<0.001	0.105	76	0.11	5.9	49.5	2.08	12.8	1.8	0.8
52561	<0.001	0.125	107	0.19	5.8	54.6	2.96	13.9	2.6	0.9
52562	<0.001	0.137	176	0.36	7.3	63.1	2.76	32	2.1	0.7
52563	0.006	0.133	570	0.36	22.5	217	0.98	399	2	0.5
52564	0.002	0.071	360	0.26	11.7	193	0.77	49.9	1.3	0.3
52565	0.002	0.057	226	0.3	15.9	140	1.65	143	2.1	0.8
52566	0.001	0.115	439	0.44	28.5	116	1.64	305	1.7	1.1
52567	0.007	0.059	117	0.35	14.8	36.7	0.96	64.5	1.5	1.1
52568	0.002	0.122	218	0.37	68.4	97	2.31	286	2.6	1.7
52569	0.001	0.092	160	0.41	26.3	80.6	2.1	185	2.8	1.9
52570	0.003	0.122	132	0.28	37.4	108.5	4.85	72.7	2.6	1.6
52571	0.001	0.061	440	0.3	14.3	110	0.49	108	2	1.5
52572	0.001	0.077	160	0.38	18.7	66.7	1.87	59.8	2.1	1.1
52573	0.002	0.123	164	0.34	15.5	84.3	2.16	78.3	2.9	1.6
52574	0.001	0.089	171	0.18	13.9	99.9	1.05	64.8	2.3	2.1
52575	0.001	0.052	179	0.34	13.4	70.1	0.73	105	2.3	2.2

52576	0.001	0.06	254	0.15	9.6	68.2	0.62	89.4	1.6	1
52577	0.001	0.064	639	0.32	45.2	84	0.59	166.5	1.2	1
52578	0.001	0.091	205	0.35	27.4	65.8	1.74	100.5	2	1.3
52579	<0.001	0.092	179	0.24	10.6	50.6	2.72	13.5	2.1	0.6
52580	0.001	0.083	113	0.21	4.6	61.4	1.97	10.3	2.1	0.6
52581	<0.001	0.066	78	0.22	3.3	59.2	1.84	10.4	2.2	0.5
52582	<0.001	0.076	65	0.14	4.3	44.3	2.04	7.4	1.9	0.5
52583	<0.001	0.123	108	0.21	5.5	89.1	2.52	59.7	2.3	0.5
52584	<0.001	0.106	118	0.25	5.1	87.3	2.91	6.4	2.7	0.4
52585	<0.001	0.099	136	0.21	8.4	90.7	2.41	47.6	2.2	1
52586	0.001	0.086	196	0.26	8.9	200	1.35	59.9	2	0.5
52587	0.001	0.113	170	0.25	8.6	135	1.76	45	2.1	0.7
52588	0.001	0.107	150	0.19	6.3	156	1.31	26.7	1.8	0.4
52589	0.001	0.117	196	0.14	5.1	138	1.27	25.4	1.7	0.4
52590	0.001	0.106	186	0.19	8.2	160	1.27	29.9	1.9	0.4
52591	0.001	0.088	144	0.12	4.8	220	1.36	29.2	2	0.4
52592	0.001	0.091	189	0.2	11	192	1.6	33.7	1.8	0.5
52593	0.002	0.075	246	0.16	11.4	180	1.61	14	1.6	0.8
52594	<0.001	0.072	239	0.34	10.1	47.7	0.87	106.5	1.6	1
52595	<0.001	0.038	218	0.25	14.8	31.7	1.34	50.1	1.4	1.2
52596	<0.001	0.055	151	0.23	11.9	50	1.82	39.8	1.9	1.1
52597	<0.001	0.04	197	0.24	8.3	34.1	1.19	48.4	1.5	1.4
52598	<0.001	0.03	91	0.19	6.2	20.4	0.99	32.3	1.4	1.4
52599	0.001	0.051	97	0.18	11	48.4	1.29	27.6	1.7	1.4
52600	<0.001	0.047	106	0.16	7.2	30.6	0.97	23.5	1.5	1.4
52601	<0.001	0.087	111	0.24	2.6	49.8	2.62	14	1.7	0.7

52602	<0.001	0.055	85	0.29	16.4	45.5	2.98	13.7	1.9	0.8
52603	<0.001	0.074	113	0.27	4.2	54.5	2.5	8	1.9	0.5
52604	<0.001	0.093	219	0.22	9.8	73.2	2.1	52.5	1.7	0.4
52605	0.001	0.042	1130	0.23	22.4	71.3	0.69	295	1.1	0.9
52606	<0.001	0.044	269	0.19	6.6	55.2	1.32	43.7	1.5	0.7
52607	0.001	0.092	169	0.14	19.6	66.1	1.03	32.4	1.8	1.2
52608	0.001	0.076	198	0.21	22.4	64.8	1.02	67.5	2	1.5
52609	0.002	0.101	212	0.23	21.9	79.3	0.86	72.8	2.2	1.6
52610	0.001	0.1	486	0.33	15.2	98.4	0.93	245	1.8	1.3
52611	0.001	0.105	290	0.33	20.9	98.1	0.76	284	2.2	1.6
52612	0.002	0.118	398	0.32	22.1	141.5	1.23	380	1.6	1.2
52613	0.018	0.104	215	0.18	41.6	398	1.69	46.9	3.3	3.1
52614	0.001	0.103	162	0.12	4.6	175	0.75	19.7	1.1	0.3
52615	0.001	0.074	163	0.14	7.6	128.5	0.93	9.2	1.3	0.3
52616	0.006	0.143	555	0.42	28	248	1.79	387	1.9	1.2
52617	0.002	0.151	237	0.22	10.1	217	1	18.6	1.5	0.6
52618	0.001	0.086	149	0.12	5.6	195.5	0.84	10.7	1.5	0.3
52619	0.001	0.072	135	0.17	4.3	124.5	0.95	14	1.4	0.3
52620	<0.001	0.08	205	0.13	6	189.5	0.98	46.3	1.5	0.4
52621	0.001	0.067	191	0.11	6	208	1.11	22.7	1.5	0.4
52622	0.004	0.089	209	0.16	6.2	250	1	47.7	1.8	0.4
52623	0.002	0.068	172	0.14	6.3	197	1.63	27.4	1.6	0.5
52624	0.005	0.082	168	0.15	6.7	206	1.82	39.3	2.1	0.7
52625	0.001	0.08	185	0.27	15	57.2	1.42	66.1	1.7	1.3
52626	0.001	0.104	114	0.25	15.4	54.7	2.15	20.7	2	0.8
52627	<0.001	0.131	142	0.22	10.5	64	2.21	15.3	2	0.7

52628	0.001	0.09	164	0.19	13.5	116.5	1.45	47.3	1.2	0.5
52629	0.001	0.076	146	0.2	11.4	97.5	1.97	53	2.1	0.8
52630	0.002	0.113	305	0.2	12	154	1.39	84.6	1.8	0.6
52631	0.001	0.102	228	0.16	7.6	191.5	1.15	28.2	2.1	0.4
52632	0.002	0.077	209	0.14	8.7	171	1.1	41.4	1.4	0.4
52633	0.001	0.061	173	0.11	8.3	215	0.91	18.1	1.5	0.4
52634	0.002	0.067	217	0.15	9.7	178	1.2	53.7	1.6	0.6
52635	0.001	0.067	264	0.19	12.2	101.5	0.98	83.5	1.4	1
52636	0.001	0.055	348	0.23	12.8	58.1	1.07	73.8	1.3	0.9
52637	0.001	0.057	308	0.17	13.1	82.7	0.89	106.5	2	1.5
52638	0.001	0.04	111	0.18	8.1	39.8	0.76	21.9	1.4	1.2
52639	0.001	0.069	115	0.27	13.7	64.9	1.72	49.2	2.1	1.3
52640	0.001	0.074	168	0.18	11.7	135.5	1.37	66.7	2.1	1.2
52641	0.002	0.099	208	0.16	11.1	155.5	2.92	157.5	1.8	1.2
52642	0.002	0.096	289	0.26	17.4	162.5	2.05	434	2	1.9
52643	0.003	0.091	269	0.22	13.9	228	2.09	221	1.9	1.3
52644	0.002	0.099	224	0.17	5.3	163	0.78	137	1.3	0.4
52645	0.005	0.088	299	0.24	31	185.5	1.34	146	3.1	0.9
52646	0.001	0.095	198	0.08	5.8	190.5	1	33.4	1.5	0.4
52647	0.001	0.087	175	0.12	9	182	0.89	15.9	1.7	0.4
52648	0.002	0.059	193	0.13	6.1	237	0.69	23.9	1.5	0.3
52649	0.001	0.076	225	0.16	10.5	187.5	1.05	60.5	1.7	0.6
52650	0.003	0.079	201	0.14	8.8	239	1.22	45	1.5	0.5
52651	<0.001	0.115	139	0.22	6.4	61.3	2.34	11.3	2	0.6
52652	0.001	0.097	90	0.17	10.2	122.5	1.8	34.2	2.1	0.9
52653	0.002	0.116	112	0.15	10.7	195.5	1.35	30.1	1.7	0.7

52654	0.001	0.065	96	0.13	7	192.5	1.62	36.5	1.8	0.2
52655	0.001	0.072	195	0.11	4.5	184	0.98	28.9	1.6	0.3
52656	<0.001	0.121	189	0.16	6.3	149	1.15	14.2	1.5	0.3
52657	0.001	0.047	157	0.08	5.1	183	1.03	12.2	1.7	0.4
52658	0.001	0.055	290	0.13	7.8	217	1.13	89.3	1.7	0.3
52659	0.001	0.056	217	0.08	7.2	134	0.91	32.6	1.6	0.4
52660	0.001	0.057	217	0.11	7.8	155.5	0.93	12.5	1.5	0.5
52661	0.001	0.049	170	0.09	1.4	198	0.78	5.2	1.3	0.2
52662	0.001	0.068	165	0.13	12.8	190.5	1.3	11.4	1.5	0.4
52663	0.001	0.045	136	0.07	8.5	184.5	0.95	6	1	0.3
52664	0.001	0.045	122	0.22	8.5	51	0.91	27.3	1.5	1.2
52665	0.001	0.064	109	0.17	9.5	42.3	0.98	25.9	1.5	1.3
52666	<0.001	0.053	99	0.18	7.3	26.2	0.87	23.7	1.2	1.2
52667	0.001	0.146	120	0.29	13	88.4	1.77	86.5	2.3	1.3
52668	0.002	0.061	117	0.21	17.1	127	1.77	87.5	2.5	1.1
52669	0.002	0.095	154	0.19	13.6	138	1.59	94.5	2.6	1.1
52670	0.002	0.084	182	0.15	13.7	172	1.11	107	2.1	1
52671	0.001	0.068	174	0.2	8.3	129	1.16	41	2.4	0.6
52672	0.002	0.096	196	0.18	6.7	184.5	1.22	61.2	2	0.7
52673	0.001	0.083	207	0.12	7.8	186	0.81	95.7	1.6	0.5
52674	0.001	0.07	138	0.16	13.7	121.5	1	76.7	2	1.1
52675	0.002	0.091	155	0.13	18.4	144.5	1.07	114	2.5	1.4
52676	0.002	0.144	136	0.2	10.8	135.5	2.14	42.3	2.1	1.2
52677	0.004	0.135	131	0.18	18.9	195	3.94	28.7	1.7	1.4
52678	0.002	0.129	115	0.13	11.4	190.5	2.22	34.7	2.2	1
52679	0.001	0.167	163	0.2	6	169	1.61	39.9	2.3	0.7

52680	0.001	0.102	140	0.15	7.1	138.5	1.49	20.5	2.3	0.7
52681	0.001	0.082	98	0.13	3.2	125.5	1.13	7	1.9	0.4
52682	0.001	0.099	157	0.17	6.5	154	1.34	9.9	2.3	0.5
52683	0.001	0.08	168	0.12	9.2	231	1.09	11.6	1.9	0.4
52684	0.001	0.055	148	0.13	5.9	171.5	1.14	18.9	1.9	0.5
52685	0.001	0.08	178	0.13	5.5	172.5	0.99	21.8	1.7	0.4
52686	0.001	0.101	204	0.13	7.5	213	1.12	23.7	1.7	0.4
52687	0.001	0.099	246	0.14	3.8	160	0.86	16.5	1.7	0.4
52688	0.003	0.066	313	0.17	14.7	134.5	1.08	117	1.9	1.3
52689	0.001	0.084	207	0.2	14.6	139.5	1.49	32.7	2	1.1
52690	<0.001	0.066	135	0.23	9	48.9	1.42	31.6	1.7	1
52691	0.001	0.059	134	0.22	6.7	38	1.02	29.3	1.7	1.4
52692	0.001	0.059	114	0.22	7.9	39.5	0.77	22.2	1.4	1
52693	0.001	0.09	124	0.2	13.8	86.5	1.18	66.5	2.3	1.4
52694	0.002	0.085	109	0.19	21.3	88.9	1.56	68	2.6	1.9
52695	0.007	0.168	191	0.31	57.4	112	3.5	141	2.7	1.8
52696	0.002	0.116	104	0.21	22.2	84.6	0.69	27.7	2.5	1.9
52697	0.001	0.1	98	0.22	27.3	85.6	0.77	82.2	2.4	2
52698	0.001	0.081	141	0.24	21.2	86	1.38	122	2.6	1.9
52699	0.001	0.074	124	0.3	9.2	68.6	1.05	44.2	2.1	1.6
52700	0.002	0.054	95	0.33	16.2	132.5	0.8	74.5	2	1.8
52701	0.002	0.115	164	0.21	9.4	171	1.7	45.8	2.1	1.1
52702	0.002	0.132	245	0.17	6.6	198	1.64	46.6	2	0.8
52703	0.002	0.098	161	0.19	12.2	119	1.7	152.5	2.2	1
52704	0.001	0.136	171	0.15	9.8	207	1.73	35.6	2.1	0.8
52705	0.001	0.093	148	0.15	10.2	169	1.53	36.2	2.3	0.8

52706	0.002	0.095	164	0.19	6.7	174.5	1.41	80	2.1	0.9
52707	0.001	0.112	363	0.15	11.1	207	1.77	289	2	1.4
52708	0.001	0.118	269	0.19	12.6	230	1.58	47.8	1.9	0.7
52709	0.001	0.121	236	0.15	5.4	226	1.33	29.9	1.7	0.6
52710	0.001	0.115	205	0.21	8.5	185.5	1.23	34.9	1.5	0.6
52711	0.001	0.088	189	0.14	9.4	220	0.74	27.8	2.2	0.5
52712	0.001	0.063	154	0.09	6.7	160	1.06	28.1	2	1.1
52713	0.001	0.065	164	0.13	7.4	173.5	0.92	30.7	1.7	0.7
52714	0.001	0.068	124	0.16	11	62.2	1.33	35.4	1.8	1.2
52715	0.001	0.063	161	0.27	10.9	79.2	1.41	36.1	2.2	1.2
52716	0.001	0.063	76	0.16	7.8	36.2	1.15	29.7	1.5	1.4
52717	0.002	0.101	161	0.16	17.6	66.5	1.07	70.3	2.3	2
52718	<0.001	0.049	73	0.21	11	55.5	1.36	39	2.4	1.7
52719	0.001	0.075	118	0.16	8.4	45.4	1.14	33.9	2	1.9
52720	0.004	0.146	164	0.16	8.8	105	0.7	63	2	1.4
52721	0.001	0.056	103	0.16	19.4	76	0.7	26.9	1.7	1.4
52722	0.001	0.073	140	0.2	10.3	76.3	0.98	32.4	2.1	1.2
52723	0.002	0.057	82	0.23	11.4	59.8	0.85	64.6	1.9	1.6
52724	<0.001	0.063	159	0.2	3.1	61.3	1.43	9.2	1.7	0.4
52725	<0.001	0.061	207	0.19	3.9	41.1	1.56	8.1	1.7	0.3
52726	<0.001	70	0.066	0.25	8.7	63.5	3.26	121.5	2.9	1.1
52727	0.001	75	0.082	0.2	7.7	62.9	3.46	34.4	4.1	0.9
52728	0.001	107	0.089	0.18	6.4	63.4	2.27	36.4	4.5	1
52729	<0.001	91	0.078	0.23	7.2	68.4	2.97	47.2	3.7	1

52730	<0.001	59	0.05	0.16	3.1	26.8	1.47	23.6	2.6	1.5
52731	<0.001	55	0.052	0.25	2.4	28.1	1.15	13.6	1.7	0.6
52732	0.001	124	0.054	0.03	2.7	49.6	1.5	6.8	2.1	0.4
52733	<0.001	206	0.066	0.15	10.1	77.8	3.56	22.8	1.9	1.4
52734	0.001	189	0.109	0.27	7.9	196.5	3.45	31.1	4.4	0.8
52735	0.003	194	0.128	0.24	14.5	211	17.7	27.9	2.9	1.2
52736	<0.001	56	0.105	0.23	16.5	114	12.4	29.1	0.9	1.1
52737	0.001	31	0.125	0.2	11.8	134	13.15	21.2	0.7	1.1
52738	<0.001	47	0.143	0.36	18.9	190.5	13.9	21.9	1.2	1.1
52739	<0.001	33	0.094	0.37	9.8	133	16.5	17.6	1.5	1.1
52740	<0.001	48	0.149	0.36	13	288	8.45	20.5	1.3	1
52741	0.001	38	0.103	0.33	35.9	237	3.96	15.4	2.6	1.5
52742	0.001	123	0.185	0.2	13.1	125.5	7.15	24	3	1.3
52743	0.001	133	0.183	0.27	11.3	137.5	3.47	26.1	3.5	1.6
52744	<0.001	53	0.121	0.19	8	125	5.89	14.7	3.9	1
52745	0.001	51	0.108	0.21	10.6	135.5	7.44	17.5	3.2	1
52746	0.001	49	0.116	0.37	10.5	171	6.9	45.2	2.7	1.4
52747	<0.001	56	0.138	0.18	15.2	100.5	2.53	16.2	2.7	1.8
52748	0.001	63	0.102	0.14	11.2	159	2.28	17	2.4	2.2
52749	0.001	59	0.12	0.19	19.4	197	2.91	26	1.9	3.2
52750	<0.001	46	0.08	0.19	10.5	84.9	2.29	16.3	2.4	3.2
52751	<0.001	138	0.075	0.25	13.1	75.9	3.51	29.7	2.8	1.4
52752	<0.001	130	0.103	0.21	11.6	68.5	2.87	23.5	2.8	1.3
52753	<0.001	138	0.111	0.19	6.8	55.7	2.65	29.5	3	1.3
52754	<0.001	89	0.101	0.27	4.3	43.7	2.26	24.8	2.6	0.8
52755	<0.001	144	0.065	0.12	2.6	41.7	1.66	10.8	1.9	0.6

52756	<0.001	177	0.118	0.21	6.7	71.6	3.19	19.3	2.3	1.1
52757	<0.001	292	0.035	0.05	2.3	45.6	1.72	7.4	2.1	0.3
52758	0.002	289	0.202	0.47	11.7	262	14.05	30.5	1.8	1.7
52759	0.001	218	0.104	0.35	9.2	72.1	2.88	48.9	1.3	0.8
52760	<0.001	242	0.086	0.24	22.2	46.7	2.45	15.1	1	1.6
52761	0.001	100	0.116	0.39	27.8	125	5.91	29.9	1.7	1.7
52762	<0.001	78	0.09	0.37	29.6	110.5	7.37	25.9	1.5	1.5
52763	0.002	101	0.091	0.37	64.8	236	6.15	57.6	2.1	2.6
52764	<0.001	25	0.028	0.25	29.7	87.4	4.49	13.4	1	1.5
52765	0.001	31	0.041	0.32	47.5	119	2.71	16.3	1.5	2.8
52766	0.001	44	0.088	0.38	30.2	73.2	3.56	57.1	1.6	2.2
52767	0.001	87	0.093	0.38	23.2	91.5	2.45	37.6	2.5	4.4
52768	0.002	154	0.126	0.67	41.2	230	88.3	67.2	0.9	1.1
52769	0.001	113	0.108	0.22	22.4	90.7	2.94	31.6	1.5	1.8
52770	0.001	39	0.126	0.49	24	134.5	3.26	32.6	2.4	2
52771	<0.001	29	0.018	0.33	14.2	43.8	2.62	58.2	1.8	3.2
52772	0.001	35	0.052	0.26	23.5	121.5	2.53	34.4	2.8	1.2
52773	0.009	42	0.092	0.46	26.5	145.5	2.55	22	2	1.2
52774	0.001	58	0.062	0.27	23.7	131.5	2.93	29.9	2.5	1.8
52775	0.002	65	0.073	0.25	31.6	147.5	2.03	33.7	2.2	2.1
52776	<0.001	209	0.088	0.22	4.6	55.3	2.93	17.3	2.1	0.9
52777	<0.001	189	0.135	0.26	5	64.5	2.63	16.3	2	0.6
52778	<0.001	134	0.054	0.05	3.3	35	1.64	10	2.5	0.5
52779	0.001	129	0.093	0.31	8.5	73.2	2.25	30	2	1.9
52780	0.002	244	0.078	0.38	37.7	140	6.16	71.3	1.5	2.1
52781	0.005	562	0.112	0.66	36.2	302	7.09	66.7	2.4	5

52782	0.004	429	0.229	1.31	66.5	245	20.4	75.5	1.1	2.8
52783	0.008	220	0.169	0.76	82.6	435	6.84	64.9	1.1	3.6
52784	0.008	324	0.277	0.51	73.1	446	2.52	115.5	1.2	1.9
52785	0.003	275	0.159	0.4	23.4	166	14.1	34.3	2.1	1.4
52786	0.001	256	0.108	0.31	21.8	99.6	4.34	25.4	2.7	1.4
52787	0.009	168	0.107	0.42	124	201	9.59	48.7	2.1	2.2
52788	0.002	151	0.149	0.37	64.1	139	2.9	39.7	2.7	2.2
52789	0.002	138	0.082	0.27	26.9	161	1.47	26	3.3	2.6
52790	0.003	124	0.124	0.2	15.8	147.5	0.86	18.3	3.9	2.2
52791	0.001	83	0.07	0.27	22.7	122	1.69	31.2	3.1	3.5
52792	0.001	121	0.075	0.34	23.3	96.9	2.03	34.2	2.5	4.5
52793	0.001	154	0.078	4.43	42.7	150	2.14	59.1	3.5	2.6
52794	<0.001	70	0.086	0.47	38	70.2	1.96	40.8	2.2	2.8
52795	0.002	118	0.109	0.23	23.3	66.6	1.38	65	2.3	3.3
52796	0.001	93	0.094	0.26	15.8	94.3	1.4	22.1	2.5	2.8
52797	0.001	32	0.057	0.28	11.7	71.7	1.53	22.4	1.5	1.9
52798	<0.001	30	0.048	0.32	14.5	64.3	1.45	14.3	1.5	2.3
52799	0.001	85	0.185	0.28	15.1	98.6	1.69	87.1	1.7	1.8
52800	0.001	105	0.122	0.26	10.1	128	1.69	24.5	1.4	1.5
52801	<0.001	148	0.13	0.52	8	65.9	4.51	30	2.9	1.6
52802	0.002	535	0.095	0.54	49.9	221	15.05	84.7	1	1.4
52803	<0.001	238	0.101	0.43	17.2	75.1	13.25	89.6	2.1	1.5
52804	<0.001	363	0.137	0.36	18.4	103	4.97	90.8	2.8	2.7
52805	0.001	267	0.131	0.43	36.2	134	10.8	51.3	2	1.6
52806	0.001	245	0.09	0.43	44.2	238	2	107.5	0.8	1.4
52807	0.003	234	0.111	0.56	39.3	230	1.63	64.9	0.5	1.2

52808	0.021	323	0.183	1.73	499	>500	65.7	73.6	0.8	3.9
52809	0.003	198	0.09	0.81	77.5	246	2.99	55	1.1	2.2
52810	0.005	233	0.121	0.91	151.5	376	5.02	202	0.9	1.2
52811	0.001	172	0.063	0.7	93.6	175.5	3.58	241	1	3.2
52812	0.009	153	0.12	0.59	33.1	157	1.6	112.5	1.3	2.3
52813	0.003	138	0.253	0.53	52.2	277	2.27	68.2	2.4	2.3
52814	0.005	101	0.1	0.53	46.4	327	2.02	38.6	2.4	2.8
52815	0.007	100	0.066	0.48	51.3	326	1.79	41.5	1.8	3.2
52816	0.001	96	0.088	0.37	21.9	117.5	2.02	39	1.7	4
52817	0.001	101	0.106	0.32	25.2	105	1.72	25.7	3	4.7
52818	0.001	280	0.194	0.63	36.7	191.5	1.65	129	1.6	5.5
52819	0.002	131	0.087	0.44	20.4	100	1.52	131.5	2.5	5.9
52820	0.002	239	0.103	0.34	20.9	169.5	1.24	93.6	1.9	3.8
52821	<0.001	185	0.059	0.21	10.6	99.4	0.87	34.3	3.1	4.4
52822	0.003	179	0.093	0.24	6.4	287	0.38	44.1	5.4	11.2
52823	0.001	147	0.054	0.23	8.4	121.5	0.78	26.4	3.1	3.1
52824	<0.001	33	0.044	0.32	22.1	100.5	1.42	16.4	1.5	3.1
52825	0.002	22	0.102	0.39	40.3	58.8	1.08	33.9	1.9	5
52826	<0.001	329	0.105	0.93	58.9	119.5	6.36	215	0.5	1.2
52827	<0.001	338	0.103	0.74	41.2	126.5	14.2	242	0.4	0.9
52828	<0.001	626	0.107	1.07	34	143.5	4.06	>500	0.4	1.4
52829	0.001	510	0.117	0.89	40.7	137.5	19.65	301	1.1	1.9
52830	0.003	449	0.161	0.52	16.3	118	4	261	1.8	1.7
52831	0.001	185	0.117	0.26	12.3	60.3	1.21	37.4	1.4	1.2
52832	0.003	109	0.178	1	46.6	210	1.98	55.5	0.7	1
52833	0.002	254	0.143	0.7	25.3	194	2.12	101.5	1.5	2.3

52834	0.003	480	0.155	0.47	27.3	266	2.16	110	1.6	4.6
52835	0.007	459	0.046	0.75	32.7	>500	1.81	41.7	1.5	22.6
52836	0.003	148	0.045	0.41	15.3	87.4	1.44	35.3	1.7	2.2
52837	0.003	30	0.015	0.87	12	124	1.27	20.6	1.1	3.3
52838	0.001	61	0.127	0.3	14.3	59.7	2.59	24.3	2.7	2.4
52839	0.003	92	0.159	0.43	22.7	136.5	1.87	61.2	2.4	5.6
52840	0.001	152	0.123	0.31	21.7	118	1.78	51.8	2.4	5
52841	0.001	108	0.073	0.21	12.1	81.1	1.87	47.6	2.5	5
52842	0.001	91	0.102	0.21	13.9	68.9	1.89	28	3	2.7
52843	0.001	79	0.109	0.21	16.5	66.8	1.78	34.2	2.8	2
52844	0.001	77	0.088	0.21	12.4	59.5	1.79	38.1	3.1	1.8
52845	0.001	323	0.205	0.5	21.3	109	1.37	444	2.3	5.5
52846	0.001	58	0.045	0.26	12.7	81.6	1.42	36.9	2.3	4
52847	<0.001	109	0.057	0.19	8	53.5	1.08	13.3	1.5	4.4
52848	0.003	49	0.039	0.34	11.3	73.1	1.42	24	1.1	7.6
52849	<0.001	42	0.08	0.12	5.5	17.8	1.57	10.3	2	2.4
52850	<0.001	31	0.06	0.07	2.8	21.8	0.88	8.9	1.9	2.8
52851	0.014	333	0.131	0.91	434	>500	5.09	69.9	1	2
52852	0.003	234	0.089	0.5	21	101	1.3	81.7	2.6	4.6
52853	0.001	100	0.044	0.48	15.7	171.5	1.02	32.1	2.8	5.5
52854	0.002	105	0.095	0.49	16.9	298	1.25	34.8	2.7	45.8
52855	0.001	124	0.065	0.39	9.6	47.1	1.47	100	2.7	2.4
52856	<0.001	39	0.06	0.23	5.6	32.5	1.71	50.1	2.6	2.8
52857	0.001	126	0.149	0.36	13.4	94.5	2	41.9	2.4	2.1
52858	<0.001	56	0.138	0.2	9.2	47.7	1.94	22.9	2.3	1.6
52859	0.001	48	0.082	0.28	11.6	78.4	1.51	20.2	2.1	1.8

52860	0.001	45	0.107	0.27	12.1	69.4	1.96	27	2.7	1.7
52861	<0.001	10	0.029	0.17	5.1	16.4	1.12	6.6	2.7	1.5
52862	0.001	43	0.048	0.19	9.3	55.8	1.7	12.1	2.7	1.7
52863	0.001	28	0.056	0.2	12.5	55.1	1.76	15.8	2.9	1.7
52864	0.003	72	0.12	0.16	14.1	109.5	2.38	19.7	2.9	1.6
52865	0.015	58	0.108	0.2	13.5	64.7	1.6	17.7	2.7	2
52866	0.001	96	0.231	0.24	13.1	106.5	2.71	39	2.6	2
52867	0.001	127	0.167	0.21	13.2	90.1	2.25	29.9	2.8	3.4
52868	<0.001	38	0.061	0.14	8.2	35.9	1.66	14.2	2.2	1.6
52869	0.001	50	0.119	0.1	12.1	55.1	2.09	18.5	2.7	1.5
52870	0.001	30	0.058	0.13	12	41.7	1.56	13	2.5	1.9
52871	<0.001	66	0.07	0.17	9.9	58.5	1.59	23.7	2.9	2.1
52872	0.001	36	0.074	0.19	9.2	45.6	1.61	17.2	2.8	2.1
52873	0.001	44	0.112	0.14	13.5	75.6	1.47	17	2.6	1.9
52874	0.002	44	0.229	0.15	12.8	78.3	1.71	17.6	2.5	1.3
52875	0.001	59	0.128	0.09	15.3	52.1	1.65	18.4	3	1.6
52876	<0.001	57	0.044	0.21	8.5	53.6	0.79	13.2	2.5	2
52877	<0.001	29	0.014	0.17	10.9	30.5	1.08	9.1	2.6	2.7
52878	0.001	105	0.065	0.26	17.6	93.7	1.04	18	3	4.3
52879	0.001	119	0.081	0.26	16	91.6	1.47	29	2.7	3.8
52880	0.001	35	0.048	0.28	23	43	1.7	21.4	2.2	4
52881	0.001	22	0.053	0.25	9.2	31.3	2.14	13	2.7	2.5
52882	0.002	55	0.113	0.34	11.5	59.5	2.15	17.1	2.4	2.5
52883	0.001	44	0.089	0.23	11.4	82.5	1.49	21.6	2.5	1.8
52884	0.001	55	0.129	0.21	13.3	93	1.92	36.3	2.6	1.9
52885	0.001	70	0.095	0.22	9.3	61.8	1.32	31.4	2	1.7

52886	0.001	47	0.083	0.16	11.2	39.3	2.38	17.7	2.3	2.5
52887	0.001	41	0.082	0.17	19.9	47.9	3.23	16.7	2.5	2.1
52888	0.002	34	0.077	0.2	30.4	135	3.17	18.8	2.9	1.7
52889	0.001	39	0.042	0.2	9.5	40.6	1.28	13.2	2.4	2.2
52890	0.002	53	0.099	0.21	10.8	161	1.38	39.7	2.5	1.6
52891	0.002	28	0.054	0.12	10.8	50.8	1.05	14.7	3.5	1.8
52892	0.003	29	0.089	0.08	9.9	65	1.31	15.6	3.4	1.7
52893	0.003	31	0.1	0.13	12.8	73.1	1.36	17.5	3.1	1.8
52894	0.002	34	0.105	0.13	11.4	72.5	1.3	17.2	2.9	1.8
52895	0.004	37	0.245	0.14	11.9	87.2	1.43	17.4	2.8	1.5
52896	0.001	28	0.093	0.14	11.9	67.4	1.31	16.6	2.6	1.8
52897	0.001	32	0.124	0.09	12.5	61.9	1.6	17.4	3.2	3.5
52898	0.001	14	0.104	0.09	4.2	27.2	1.09	9.6	2.4	1.1
52899	0.001	90	0.078	0.11	9.4	84.3	1.32	25.6	2.6	1.5
52900	0.001	79	0.117	0.1	6.6	63	1.32	21.8	2.6	1.9
52901	0.001	75	0.043	0.14	10.2	69.1	0.95	12.8	2.6	1.5
52902	0.002	81	0.114	0.24	7.3	107	0.79	21.5	2.6	1.5
52903	0.001	64	0.04	0.29	12.8	50	1.29	19.9	2.8	2
52904	0.001	51	0.02	0.21	8.8	61.4	0.78	13.5	2.8	2.4
52905	0.001	104	0.082	0.19	17.6	86.8	2.17	10.5	2.3	2.5
52906	0.001	150	0.1	0.08	12.4	43.7	1.08	26.8	2.3	2
52907	0.002	107	0.179	0.21	11.2	105	1.84	102	2.6	1.5
52908	0.002	135	0.152	0.25	15.3	82.1	1.95	55.2	2.5	1.8
52909	0.001	146	0.109	0.23	17.2	67.4	1.97	50.1	2.9	2.2
52910	<0.001	188	0.027	0.2	21.1	36.2	1.66	33	2.3	3
52911	<0.001	33	0.059	0.2	14.4	48.8	2.11	16.7	2.9	2.3

52912	0.004	32	0.087	0.12	9.8	75.4	1.23	20.8	2.7	1.7
52913	0.001	83	0.132	0.19	14.9	69.2	2.09	20.6	3	2
52914	0.001	27	0.144	0.25	9	70.4	1.44	17.9	2.2	1.7
52915	<0.001	34	0.083	0.12	6.8	46.6	1.32	12	2.1	1.6
52916	0.001	43	0.11	0.12	13.1	72.6	1.45	18.2	2.6	1.9
52917	0.001	52	0.091	0.1	11.8	57.1	1.53	16.8	2.6	1.9
52918	0.002	27	0.062	0.11	6.6	74.5	0.8	15.2	2.8	1.8
52919	0.002	32	0.152	0.18	15.1	67	1.57	25.8	2.8	1.9
52920	<0.001	11	0.015	0.28	21.7	54	2.15	27	2.8	2
52921	0.001	23	0.065	0.11	13.9	52.2	1.57	23.6	3.1	2
52922	0.001	22	0.057	0.12	11.2	33	0.91	85	3	1.6
52923	0.001	75	0.086	0.13	7.9	68.9	1.62	22.7	2.2	1.2
52924	0.001	51	0.069	0.09	5.5	67.1	0.49	14	2.7	2.8
52925	0.001	157	0.108	0.09	4.2	64.7	1.72	11.5	2.1	0.9